## 5. Summary of Basic Work Costs

Item No.	Description	Unit			ponents	nit Rat (%)			Total	Remarks
			Lab.	Mat.	Equip.		Local		(PP)	
W0001	Grass Cutting	m2	90,9%	0.9%		4.5%			1. 11	
W0002	Tree Cutting	m2	92.6%			3. 7%	96.3%		0. 93	
	Grubbing	m2	4.0%	7.9%			47.0%		24. 90	
₩0004	Burning	m2	100.0%	0.0%	0.0%	0.0%	100.0%		1.94	
W0011	Demolition by Crawler Drill (Lightly Reinforced	m3	11.8%	6.3%	81.8%	48, 6%	51.4%		625.00	
MOOTT	Structures)		11.0/	0. 0.0	01.0/	20, 070	01. 1/0	1.0	020.00	
WAA19	Demolition by Crawler Drill (Heavily Reinforced	m3	12.7%	7.5%	79, 8%	48, 1%	51.9%		1, 280, 00	
W0012	Structures)	IIIO	14. (//	1.00	13,070	70, 1/0	01.00		1, 200, 00	
	Demolition by Pneumatic Handhold Breaker	- 0	07 70	14 60/	E7 70	40.70	59.3%		896.00	.•
W0013	(Lightly Reinforced Structures)	m3	27.7%	14.6%	57.7%	40.7%	59.3%		690.00	
	Demolition by Pneumatic Handhold Breaker	١.,	40 70	10.00	40 40	00.00	70.0W		1 200 00	
W0014	(Heavily Reinforced Structures)	m3 .	46.7%	10.9%	42.4%	30.0%	70.0%		1, 700, 00	
W0015	Domolition of PCC Payament by Crawler Drill	m2	3.5%	6. 5%	90.1%	53. 2%	46.8%		56.50	
W0016	Excavation of Gravel Pavement Disposal of Demolished Debris Excavation, Bulldozer 21t Excavation, Backhoe 0.35m3 Excavation, Backhoe 0.61m3	m3	4.5%	8.4%	87, 1%	52, 9%	47, 1%		10. 30	
W0025	Disposal of Demolished Debris	m3	16.5%		70.6%				138, 00	
W0101	Excavation Bulldozer 21t	m3	1.6%			54, 3%	45.7%		25. 40	
W0102	Evenuation Backhon 0.35m3	m3	6.5%						49, 40	
W0105	Execution Rackhoe 0.61m3	m3	4.5%				47.1%		40, 90	
W0106	Excavation, Backhoe 0.61m3 + Manpower Excavation, Clamshell + Backhoe Devices   Back	m3	24.9%						59, 80	
₩0100 ₩0107	Exercation, Clampbell + Backboo	m3	8.0%						91.60	
MOTO!	Excavation, Clamstell + Backhoe  Excavation, Backhoe 0.61m3 + Crawler Drill	, m3	3.5%				46.8%		185.00	
WQ108	Progration Manager	. HIG	100.0%			ስ ሰዊ	100.0%		134 00	
W0109	Discovation, Manpower	1110	8.2%						93. 10	
V0111	prisposar or surprus soir (backnoe loading)		46.1%					*	104.00	
V0115	Inisbosat of Salbins 2011 (Maubower loading)	_ m3 ^					55.0%	* .		
V0121	Excavation, Backnoe 0.01m3 * Crawler Dill Excavation, Manpower Disposal of Surplus Soil (backhoe loading) Disposal of Surplus Soil (manpower loading) Borrow Soil, transported Crushed Aggregate, transported Excavated Soil, transported Excavated Soil, transported	l wg	5.9%	26. 4%	67.8%	45.0%			108.00	
0122	Urushed Aggregate, transported	m3	9.2%				53.0%		258. 00	*
0123	Excavated Soil, transported Selected Sand, transported Gravel/Stone, transported Backfill A	l tho	7.4%						63.70	
0128	Selected Sand, transported	1 1110	12.9%						166.00	
VO129	Gravel/Stone, transported	} m3	11.8%	18. 6%					197.00	
V0131	Backfill A	m3 ·	3.6%			53.3%			88, 80	
Y0132	Backfill A Backfill B Backfill C Backfill D Backfill, Manpower + Compactor Filling & Laying, bulldozer 15t Filling & Laying, bulldozer 21t Compaction, bulldozer 15t	m3	7.8%			51.2%			111.00	-
/0133	Backfill C	m3	11.6%			49.3%	50.7%		145.00	
Y0134	Backfill D	m3	13.5%			48. 4%			200.00	
V0135	Backfill, Manpower + Compactor	m3	78.4%	5.6%	16, 0%	12.3%	87,7%		77. 50	
70141	Filling & Laving, bulldozer 15t	m3	3.0%	7.8%	89.2%	53.6%			27, 50	
V0142	Filling & Laving, bulldozer 21t	m3	1.6%		90.3%	54.3%			29, 50	
W0145	Compaction, bulldozer 15t	m3	3.0%	7.8%	89. 2%	53.6%	46, 4%		24.00	
W0146	Compaction bulldozer 21t	m3	1.6%						26. 20	
W0147	Compaction tire roller 8~20t	m3	4.4%						10.40	
W0148	Compaction, bulldozer 15t Compaction, bulldozer 21t Compaction, tire roller 8~20t Compaction, tamper	m3	12.6%	17. 2%					76, 30	
W0149	Filling, Laying & Compaction, bulldozer 21t	m3	1.6%	8.1%			45.7%		56, 20	
W0150	Filling, Laying & Compaction, bulldozer 15t	m3	3.0%	7. 8%					51.60	
W0150	Class Formation by Bulldoner		7.5%	7.4%					39, 70	
W0151	Clara Formation by Backhas	m2	10.1%		82, 0%				48. 10	
W0152	Chausi Paundation Fill	m3	25. 2%		61.8%	38, 8%	61, 2%	1 .	391.00	
NO163	Slope Formation by Bulldozer Slope Formation by Backhoe Gravel Foundation Fill Selected Sand Fill Lean Concrete (17MPa, max agg. 38mm) Concrete (Class B, 17MPa, max agg. 50mm) Concrete (Class A, 21MPa, max agg. 38mm) Concrete (Class A, 21MPa, max agg. 20mm) Concrete (Class C, 21MPa, max agg. 20mm)	m3	34.5%	15. 1%	50.4%		67.1%		277.00	
W0162	Defected Sally Fill	m3	2.6%			56, 5%			1, 470. 00	
W0201	Lean Concrete (I'mra, max agg. somm)	1110	2.9%						1, 360, 00	
W0202	Concrete (Class b, Timra, max agg. comm)	m2	2.5%						1,590.00	
W0203	Concrete (Class A, Zimra, max agg. Somm)	1113	2.3%						1, 660. 00	
0203a	Concrete (Class AI, ZIMPA, max agg. 20mm)	1 1113								
10404	Concrete (Class C, Zinta, max agg. Izinii)	1110	2.3%						1,680.00 1,740.00	
70205	Concrete (Class AA1, 28MPa, max agg. 25mm)	т3.	2.2%	83, 1% 84, 3%			42.2%		1, 740, 00	
V0206	Concrete (Class AA2, 28MPa, max agg. 20mm)	m3	2.1%	04. 370					2, 110, 00	
	Concrete (Class PP, 41MPa, max agg. 20mm)	m3	1.8%	86.4%		58.4%			1, 490, 00	
Y0211	Concrete (for PCC Pavement, 24.1MPa, max	m3	2.7%						1, 490, 00	
Y0215	Concrete (for RCPC, 25MPa, max agg. 20mm)	m3	2.2%		14.4%	57.8%				
V0216	Concrete (for RCPC, 32MPa, max agg. 20mm)	m3	1.9%			58. 2%	41.8%		1,980.00	
Y0221	Mortar (1:3)	m3	1.7%		4.5%				1,820.00	
Y0222	Mortar (1:2)	m3	1.5%		4.5%				2, 340, 00	
10225	Grout (non-shrink)	m3	1.0%						3, 050. 00	
Y0231	Concrete Pouring by Pump Vehicle (plain	m3	19.1%	0. 2%	80, 7%	43, 3%	56.7%		214.00	
V0232	Concrete Pouring by Pump Vehicle (reinforced	m3	15.8%	0. 2%	84.0%	45.0%	55.0%		258. 00	
10404	concrete)	1410	10.0/	· •••	32.0/	10.00	53.0/		=00.00	
10000	Concrete Pouring by Pump Vehicle for PC box	m3	29.5%	0. 2%	70.3%	37.7%	62.3%		511.00	
10233	girder cantilever construction	1113	29.07	V. 270	10.0%	A **				
0234	Concrete Pouring by Truck Crane	m3	31.0%	5.7%	63.3%	38, 2%	61.8%		282.00	. :
0235	Concrete Pouring by Manpower for small	m3	98.0%		1.8%				228.00	
0236		m3	70.9%	8.7%	20. 4%				9. 02	
10237	Concrete Curing (plain concrete) Concrete Curing (reinforced concrete) Example (plain concrete H/Am)	m3	74.6%		17.8%				4. 29	
0237	Formwork (plain concrete H<4m)	п2	59.3%	40.0%	0.8%	2. 9%			224.00	
	Formwork (reinforced concrete H<4m)	m2	59.7%		0.8%	2. 9%	97.1%		227, 00	
V0241	Formwork (reinforced concrete h\u00e4m)	m2	47.6%						285.00	
V0242	Profilmwork (reinforced concrete H 4m)								153, 00	
V0243	Formwork (lean concrete)	m2	41.6%						358.00	
W0244	Formwork for Bridge Superstructures	m2	58. 1%	26.6%	15. 3%	11.0%	up, U/0			
W0245	Formwork Installation and Removal for PC Box	m2	63, 0%	21.4%	15.6%	11.3%	88.7%		473.00	
	Girder (Cantilever Construction)		"		"					
W0251	Reinforcement Grade 40, cutting, bending &	kg	15. 4%	76.8%	7.8%	53, 9%	46, 1%		23, 40	4. 9
10201	assembly	" <sup>®</sup>	1 . 4/0	10,070	5/4	55, 5,0	, 10		20. 10	
mass.	Reinforcement Grade 60, cutting, bending &	k-	14.7%	77.7%	7 79	54.3%	45, 7%		24, 50	
W0252	assembly	kg	141.170	1 ( 170	. 170	UT. 0/0			23,00	, · · · · ·
					•					

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Item No.	Description	Unit	Lab.	Com Mat.	ponents Equip.	(%) For.	Local	Total (PP)	Remarks
W0303	Precast Reinforced Concrete Pipe (Standard	m	9. 8%	66.6%	23.6%	53. 4%	46, 6%	524. 00	
W0304	Strength 25MPa), fabrication $\phi$ 460 (18") Precast Reinforced Concrete Pipe (Standard	m	10.0%	66. 8%	23. 1%	53. 4%	46.6%	865, 00	
	Strength 25MPa), fabrication $\phi$ 610 (24") Precast Reinforced Concrete Pipe (Standard		10. 2%	67. 0%	22. 9%	53. 4%	46.6%	1, 290, 00	1
W0305	Strength 25MPa), fabrication $\phi$ 760 (30") Precast Reinforced Concrete Pipe (Standard	ta			.				1
W0306	Strength 25MPa), fabrication $\phi$ 910 (36")	m	10.6%	67.4%	22. 0%	53. 3%	46.7%	1, 980, 00	
W0307	Precast Reinforced Concrete Pipe (Standard Strength 25MPa), fabrication φ1070 (42")	m	10.6%	67.4%	22.0%	53. 3%	46, 7%	2, 590, 00	
W0308	Precast Reinforced Concrete Pipe (Standard Strength 25MPa), fabrication \$\phi\$1220 (48")	m	10.6%	67. 3%	22.0%	53. 3%	46.7%	3, 260. 00	
W0309	Precast Reinforced Concrete Pipe (Standard	111	10.6%	67.4%	22.0%	53. 3%	46. 7%	4, 880. 00	
W0313	Strength 25MPa), fabrication $\phi$ 1520 (60°) Precast Reinforced Concrete Pipe (Standard	m	10.5%	68.6%	20. 9%	53. 5%	46.5%	579.00	·
	Strength 32MPa), fabrication \$\phi 460 (18") Precast Reinforced Concrete Pipe (Standard		10.5%	68. 5%	21.0%	53. 5%	46. 5%	951, 00	
W0314	Strength 32MPa), fabrication $\phi$ 610 (24") Precast Reinforced Concrete Pipe (Standard	m	\ \	l	1	. 1		1	
W0315	Strength 32MPa), fabrication φ760 (30")	m	10.3%	68. 4%	21. 2%	53. 5%	46. 5%	1, 330. 00	
W0316	Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication \$\phi 910 (36")	m	11.0%	68, 8%	20. 3%	53. 4%	46.6%	2, 140. 00	
W0317	Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication \$\phi\$1070 (42")	m	10.9%	68.7%	20, 4%	53. 5%	46.5%	2, 690. 00	. ]
W0318	Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication \$\phi\$ 1220 (48")	m	10.9%	68.7%	20.4%	53, 4%	46.6%	3, 490. 00	)
W0319	Precast Reinforced Concrete Pipe (Standard	m	10.9%	68.8%	20. 3%	53.4%	46.6%	5, 190. 00	
W0331	Strength 32MPa), fabrication $\phi$ 1520 (60°) Precast Reinforced Concrete Pipe (Extra Strength	m	10.5%	68. 5%	20. 9%	53. 5%	46.5%	747. 00	
Į	32MPa), fabrication φ460 (18") Precast Reinforced Concrete Pipe (Extra Strength				21. 2%	53. 5%	46.5%	1, 110. 00	
W0332	32MPa), fabrication $\phi$ 610 (24") Precast Reinforced Concrete Pipe (Extra Strength	m	10.4%	68. 5%	٠. ا				
W0333	[32MPa], fabrication φ760 (30")	m	10, 5%	68. 5%	21.0%	53. 5%	46.5%	1, 640, 00	
W0334	Precast Reinforced Concrete Pipe (Extra Strength), fabrication \$\phi\$910 (36")	m	10.9%	68, 4%	20.6%	53. 4%	46.6%	2, 640. 00	
W0335	Precast Reinforced Concrete Pipe (Extra Strength 32MPa), fabrication $\phi$ 1070 (42")	m	11.3%	68.7%	20.0%	53.4%	46.6%	3, 960. 00	. 1
W0336	Precast Reinforced Concrete Pipe (Extra Strength	m	10.9%	68.4%	20. 7%	53.4%	46.6%	4, 310. 00	
W0337	32MPa), fabrication \$\phi\$ 1220 (48") Precast Reinforced Concrete Pipe (Extra Strength	m	11, 3%	68, 5%	20. 2%	53. 4%	46.6%	7, 480, 00	
W0341	32MPa), fabrication $\phi$ 1520 (60") Precast Concrete Pipe Laying $\phi$ 460 (18")	ш	47.4%	8.0%	44. 6%	28. 7%	71.3%	202. 00	İ
W0342 W0343	Precast Concrete Pipe Laying 6610 (24") Precast Concrete Pipe Laying 6760 (30")	m	46.0% 47.3%	8, 2% 8, 1%		29. 5% 28. 7%		246. 00 303, 00	
W0344	Precast Concrete Pipe Laying $\phi$ 910 (36")	m	31.3%	8.6%	60.1%	37. 5%	62.5%	516. 00 594. 00	. 1
W0345 W0346	Precast Concrete Pipe Laying $\phi$ 1070 (42") Precast Concrete Pipe Laying $\phi$ 1220 (48")	EU EU	31.8% 31.5%	8. 6% 8. 6%		37. 2% 37. 4%	62. 8% 62. 6%	665, 00	
W0347	Precast Concrete Pipe Laying \$41520 (60")	III.	27.1%	8, 5%	64.4%	39.8%	60.2%	938, 00	
W0351	Precast Concrete Pipe Removal \$460 (18")	171	46.8%	5.9%		29.1%		62, 00	1
W0352	Precast Concrete Pipe Removal \$\phi 610 (24")	171	45.3%	6.0% 5.9%		29. 9% 29. 2%		76.00 93.60	
W0353	Precast Concrete Pipe Removal \$\phi 760 (30")	an In	46.6% 31.0%	6, 4%		37. 7%	62.3%	159.00	
W0354 W0355	Precast Concrete Pipe Removal $\phi$ 910 (36") Precast Concrete Pipe Removal $\phi$ 1070 (42")	m	31.5%	6.4%	62. 1%	37. 4%			· ·
W0356	Precast Concrete Pipe Removal \$41220 (48")	III.	31.2%	6.4%		37.6%	62.4%	205, 00	
W0357	Precast Concrete Pipe Removal \$\phi\$1520 (60")	m	27.0%	6, 3%	66. 7%	39.9%	60.1%	289, 00	ł
W0401	Temporary Sheet Pile Driving for excavation, (Vibro Hammer, Common Soil)	m2	10.4%	13.5%	76. 1%	49. 9%	50. 1%	200. 00	•
W0402	Temporary Sheet Pile Driving for excavation, (Vibro Hammer, Rocky Soil)	m2	10, 4%	13.5%	76. 1%	49. 9%	50, 1%	256.00	
W0403	Temporary Sheet Pile Removal for excavation,	m2	10, 4%	13, 5%	76. 2%	49. 9%	50. 1%	169, 00	İ
-	(Vibro Hammer) H-Pile Driving for Temporary Access Bridge		10.4%	13, 5%		49.8%	50, 2%	117, 00	
W0406	(Vibro Hammer) H-Pile Removal for Temporary Access Bridge	ĮTI			٠	- 1		* .	
W0407	(Vibro Hammer)	an _	10.3% 34.0%	13.4%		49. 9% 36. 7%			
W0411	Temporary Struts & Supports Installation	t	35.7%	9.1%		35.5%	64.5%		,
W0412 W0413	Temporary Struts & Supports Removal Temporary Struts & Tie Rod Installation	l t	31.3%	11,0%	57.7%	38.2%			'
W0414	Temporary Struts & Supports Removal	) į	29.1%	9.4%		39.1%		2 130 00	]
W0414	Temporary Struts & Supports Removal	m2	35.7%	5.8%	58.5%	35, 5%	64.5%	78. 70	
W0416	Temporary Deck Plate Removal	m2	35, 7%	5.8%		35.5%		43.00	
W0417	Temporary Deck Plate Support Beam Installation	t	37.1%	9.5%		34.9%		1, 250.00	1
W0418	Temporary Deck Plate Support Beam Removal	t	38.3%	8.2%		34.0%		746.00	
	Temporary Access Bridge Superstructure	ì	21.9%	8.0%		43, 2%	56.8%	1,450.00	
W0421	Installation	i	1			J			)
W0422	Temporary Access Bridge Superstructure Removal	t	23. 4%	8. 2%		42.4%			•
W0423	Temporary Access Bridge Railing Installation	m	36, 5%	6. 7%		35. 1%			
W0424	Temporary Access Bridge Railing Removal	m	38.5%	5, 4%		34.0%			
W0431	Temporary Drain Pump Installation & Removal	set day	46. 7% 8. 3%	7. 1% 20. 7%		29. 7% 51. 3%			
W0432 W0441	Temporary Drain Pump Operation Temporary Frame Support Installation & Removal	m3	59.4%				77.7%		Į.
1 40.441	Liouborat Liture eabhort Hissariariof & Homovat	,	1	J,0	10				'

Item No.	Description	Únit		Com	U ponents	nit Rat	e	Total	Remarks
			Lab.	Mat.	Equip.	For.	Local	(PP)	
W0442 W0451	Temporary Frame Support Depreciation Temporary Sheet Pile Driving for cofferdam, (Vibro Hammer)	m3·d m	0.0% 9.8%	96. 3% 14. 8%	ł ł	50. 0% 50. 3%	i		
₩0452	Temporary Sheet Pile Removal for cofferdam, ((Vibro Hammer)	m	9.8%	14.8%	75. 4%	50.3%	49.7%	77. 80	
W0455	H-Pile Driving for Temporary Access Bridge (Vibro Hammer)	m	9, 8%	14.8%	75. 4%	50. 3%	49.7%	149.00	
W0456	H-Pile Removal for Temporary Access Bridge (Vibro Hammer)	m	9.8%	14. 9%	75.3%	50.3%	49.7%	85.80	
W0501 W0502	Ground Assembly of Structural Steel Bridge Erection of Structural Steel Bridge Members	t	11.6% 11.0%	3. 1% 4. 8%		48. 2% 48. 3%		1, 270, 00 1, 290, 00	
W0503	Bolting of Structural Steel Bridge Members	each	4.5%	93. 2%	2.3%	66.1%	33.9%	43.70	
₩0504 ₩0505	Finish Painting of Structural Steel Bridge Temporary Bent for Steel Bridge Erection	m2 t	42.5% 4.6%	91.3%	4.1%	48. 3%	51.7%	16, 000, 00	į
W0506	Site Welding for Steel Bridge Precast PC Girder Fabrication Base Construction	m	23. 7%			44. 3%	Į .	3, 130, 00	İ
W0521	& Removal	girder			1	13.0%		4, 650, 00	
₩0522	Precast PC Girder Fabrication Base Maintenance PC Strand (8-T12.7, 150t) Installation for	girder	100, 0% 6. 0%	i		0.0% 64.9%	,	452, 00 935, 00	
₩0535	Precast PC Girder PC Strand (10-T12.7, 190t) Installation for	an .						1	
W0536	Precast PC Girder PC Strand (12-T12.7, 225t) Installation for	tn _	5, 3%	94.4%		65. 5%		1, 140, 00	
· #0537	Precast PC Girder PC Strand (1-T15.2, 30t) Installation for	#N	4. 9% 8. 3%	94.9% 91.5%		65. 9% 62. 7%		1, 340. 00 216. 00	. '
W0538	Precast PC Deck Slab PC Strand (8-T12.7, 150t) Tensioning for Precast	m	3.0%		ı			İ	
W0545 W0546	PC Girder PC Strand (10-T12.7, 190t) Tensioning for	cable	2.4%			72. 7%		19, 600, 00	
W0547	Precast PC Girder PC Strand (12-T12.7, 225t) Tensioning for	cable	2.5%		1.0%	72. 6%		19, 600, 00	
W0548	Precast PC Girder PC Strand (1-T15.2, 30t) Tensioning for Precast	cable	4. 9%	93.4%	1.7%	70. 6%		2, 070. 00	
W0549	PC Deck Slab  Secondary Concrete for Precast PC Deck Slab	m3	6.0%	75. 2%	18.8%	55. 3%		2, 100, 00	
W0551	Precast PC Girder Erection (W < 12.5t) Precast PC Girder Erection (12.5 ≦ W < 15.0t)	l t	25. 5% 21. 6%	3. 9% 3. 4%		40. 8% 43. 0%		219.00 231.00	·
W0552 W0553	Precast PC Girder Erection (15.0 ≤ W < 17.5t)	t	21.6%	3.4%		43.0%		219.00	
W0554	Precast PC Girder Erection (17.5 ≤ W < 20t)	t	21.6%	3. 4% 3. 6%		43.0%		199.00 214.00	
W0555 W0556	Precast PC Girder Erection (20.0 ≤ W < 35.0 t) Precast PC Girder Erection (35.0 ≤ W < 60.0 t)	t	15.5% 7.5%	1.8%	90.8%	50.6%		378.00	
W0557	Precast PC Girder Erection (60.0 ≤ W < 75.0 t)	t	6.3%	1.8%		51.1%		424.00	
W0558	Precast PC Girder Erection (75.0 ≤ W < 80.0 t) Pier Protection Concrete Block Type A Production	t each	5.8% 14.5%	1.8% 62.6%	92.4% 22.9%	51.3%		431.00 3,040.00	
W0601 W0602	& Laying Pier Protection Concrete Block Type B Production	each	14. 9%			49.9%		•	
W0603	& Laying Pier Protection Concrete Block Type C Production	each	14. 9%					2, 860. 00	
W0611	& laying Stone Laying	m3	10.0%				1	379. 00	
W0651	Temporary Support at Pier Head for Cantilever  Construction	v·m3	34. 7%					428. 00	
W0652	Temporary Bracket Support at Pier Head for Cantilever Construction	t	24. 7%	44. 4%	30.9%	39.0%	61.0%	7, 880. 00	
W0653	Temporary External & Internal Support at Pier Head for Cantilever Construction	v·m3	29.5%	29. 9%	40. 5%	37. 3%	62. 7%	173. 00	
W0654	Temporary Suspension Support at Center Connection for Cantilever Construction	t	24. 9%	29. 1%	46.0%	39. 7%	60. 3%	8, 370, 00	
W0655	Temporary External & Internal Support at Center Connection for Cantilever Construction	v·m3	28. 4%	28, 6%	43.0%	37.8%	62. 2%	180.00	
W0656	Temporary Frame Support at Side Span for Cantilever Construction	v·m3	21.7%	40. 5%	37.9%	41. 1%	58, 9%	94. 20	
W0657	Temporary External & Internal Support at Side Span for Cantilever Construction	v·m3	30. 1%	1	I	37.1%		169. 00 337, 000. 00	
W0661 W0662	Assembly & Disassembly of Form Traveler Form Traveler Shifting	set time	23. 7% 78. 7%			40. 9% 10. 6%		2, 120. 00	
W0663	Form Traveler Lifting	time	100.0%	0.0%	0.0%	0.0%	100.0%	5, 070, 00	
W0664	Form Traveler Pulling Back PC Cable Installation, (12-T12.7, 225t) for PC	m t	100.0% 11.7%			60.3%	100.0% 39.7%		
W0671 W0672	Box Girder (Longitudinal) PC Cable Anchorage, (12-T12.7, 225t) for PC Box	each	11.7%			70.9%	·		·
W0672	Girder (Longitudinal) PC Cable Tensioning, (12-T12.7, 225t) for PC Box	each	1. 0% 6. 4%	-	: I	68.3%		9, 570, 00	
W0676	Girder (Longitudinal) PC Cable Installation, (5-T12.7, 90t) for PC Box	t	11.4%	- 1	,	60.5%		153, 000. 00	
W0677	Girder (Transversal) PC Cable Anchorage, (5-T12.7, 90t) for PC Box	each	5. 1%	i		67.0%			
W0678	Girder (Transversal) PC Cable Tensioning, (5-T12.7, 90t) for PC Box	each	40, 5%			34. 4%		829.00	
W0678	Girder (Transversal) PC Bar Installation, (1-φ32mm) for PC Box Girder		5. 8%	91, 0%	3. 2%	64.8%			
10081	(Transversal)		0.0/8	V 1. 0/0	0.2/0	O 4, O W		230, 000.00	

						Init Rat	θ		Pl
Item No.	Description	Unit	Lab,	Com Mat.	onents Equip.	(%) For,	Local	Total (PP)	Remarks
W0682	PC Bar Anchorage, (1-φ32mm) for PC Box Girder (Transversal)	each	2.5%	92.0%	5.5%	70.4%	29.6%	1, 820. 00	
W0683	PC Bar Tensioning, (φ32mm) for PC Box Girder (Transversal)	each	16.6%	71.2%	12.2%	59.7%	40.3%	1, 800, 00	
W0686	PC Bar Installation, (1- $\phi$ 32mm) for PC Box Girder	t	5.8%	91.0%	3, 2%	64.8%	35. 2%	158, 000. 00	
₩0687	(Vertical in Web)  PC Bar Anchorage, (1-φ32mm) for PC Box Girder	each	2.5%	92.0%	5.5%	70. 4%	29.6%	1, 820, 00	ļ
W0688	(Vertical in Web) PC Bar Tensioning, (1- \phi 32mm) for PC Box Girder	each	16.6%	71.2%	12. 2%	59. 7%	40.3%	1, 800. 00	
W0701	(Vertical in Web) Precast Concrete Cover (580x480x70), furnish	each	1.3%	90. 8%	7.9%	62. 9%	37.1%	116.00	
W0702	Precast Concrete Cover (580x480x70), Precast Concrete Cover (680x580x75), furnish	each each	89.3% 4.3%	1. 1% 90. 8%	9.6% 5.0%	5. 4% 60. 7%	94.6% 39.3%	10, 50 188, 00	
W0703 W0704	Precast Concrete Cover (680x580x75),	each	89.3%	0.0%	10.7%	5. 4%	94.6%	10. 50	
W0711	Iron Step for Drop Inlet Manholes, furnish & installation	each	8, 1%	86.0%	5.9%	62. 9%	37.1%	58. 50	
W0712	Iron Step for Special Junction Box Manholes, furnish & installation	each	8.7%	85.4%	5.9% <sup>l</sup>	62. 4%	37.6%	64.50	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	38. 7%	54.6%	6. 7%	38. 7%	61.3%	30.60	
W0721	Grating Cover for U-Ditch (W=300mm), furnish &	m2	9.1%	89.9%	1.0%	63.1%	36.9%	1, 140. 00	ļ
W0731	installation Rubble Concrete	m3	6.3%	51.1%	42.6%	52.5%	47.5%	931.00	,
W0732 W0733	Granular Bedding for Rubble Concrete Washout Prevention Filter, furnish and laying	m3 m2	27. 8% 2. 1%	12. 4% 96. 1%	59. 8% 1. 8%	37. 3% 58. 5%	41.5%	400. 00 91. 80	
W0741 W0742	Grouted Riprap Class A Stone Masonry, laid	m3 m3	15.8% 14.5%	63.6% 69.9%	20, 6% 15, 6%	47.9% 49.2%	52. 1% 50. 8%	736, 00 1, 010, 00	
W0751	Concrete Hollow Block (150x200x400mm), furnish &	each	48. 7%	49.5%	1.8%	18, 8%	81.2%	39. 40	
W0852	Laying including mortar fill Aggregate Subbase Course for Side Walk (t=100mm)	m2	26.8%	12.6%	60.6%	38.5%	61.5%	54. 20	
W0853 W0871	PCC Pavement (Plain), t=100mm for Side Walk Guardrail Type A, furnish	m2 m	17.0% 8.0%	69. 2% 78. 8%	6. 4% 13. 2%	46.0% 59.1%	40.9%	416.00 903.00	
W0872 W0882	Guardrail Type B, furnish Chain Link Fence 25mm mesh (H=1.87m), furnished	m tu	9.3% 7.1%	76.4% 81.6%	14. 3% 11. 3%	58.0% 60.1%		708. 00 876. 00	
W0911	Digging Out Tree, Low Tree H≤1.5m	each	100.0%	0.0%	0. 0% 0. 0%	0.0% 0.0%	100.0%	18. 90 36. 30	
W0912 W0913	Digging Out Tree, Medium Tree 1.5m <h≤3.0m Digging Out Tree, High Tree (young tree) 1.5m&lt;</h≤3.0m 	each each	100.0% 100.0%	0.0%	0.0%	0.0%		64. 20	
W0913	H≤3.0m Tree Haulage, Low Tree H≤1.5m	each	13.7%	19. 2%	67. 1%	48.9%		24. 50	
₩0922	Tree Haulage, Medium Tree 1.5m <h≤3.0m< td=""><td>each each</td><td>13. 7% 13. 7%</td><td>19. 2% 19. 2%</td><td>67. 1% 67. 1%</td><td>48. 9% 48. 9%</td><td></td><td>47, 10 81, 40</td><td></td></h≤3.0m<>	each each	13. 7% 13. 7%	19. 2% 19. 2%	67. 1% 67. 1%	48. 9% 48. 9%		47, 10 81, 40	
W0923 W0931	Tree Haulage, High Tree (young tree) 1.5m< Tree Planting, Low Tree H≤1.5m	each	100.0%	0.0%	0, 0%	0.0%	100.0%	9. 27	
W0932 W0933	Tree Planting, Medium Tree 1.5m <h≦3.0m Tree Planting, High Tree (young tree) 1.5m&lt;</h≦3.0m 	each each	100.0%	0.0%	0.0% 0.0%	0.0% 0.0%	100.0% 100.0%	27. 70 115. 00	·
W0955 W0951	H≦3.0m Precast Curbstone for Planter Square, Furnish	m	13.3%	69. 1%	17.6%			46, 40	
W0952	Precast Curbstone for Planter Square, Laying Treading Prevention Board for Planter Square,	m	96.2%	3. 1%	0.8%			35.00	1
₩0956	Furnish	m2	13. 7%	71.7%				248. 00	
W0957	Treading Prevention Board for Planter Square, Laying	m2	93.5%	4.6%				32, 80	
W1001 W1011	Underground Cable Duct Electric Cable Laying	m	13.3% 22.1%	67. 9% 75. 9%	18.8% 1.9%	47.0% 42.6%	53.0% 57.4%	363, 00 84, 20	
W1101	Traffic Signal Post Type A (Mast Arms) H=6.7m, Purnished	each	6.9%	69. 3%	23. 8%	59.7%	40.3%	22, 200, 00	
W1102	Traffic Signal Post Type A (Mast Arms) H=6.0m,	each	7. 2%	68. 5%	24. 3%	59.4%	40.6%	21, 200, 00	
W1103	Furnished Traffic Signal Posts Type B ø114.3mm x 4.2m.	each	12.4%	53.0%	34. 6%	53.6%	46.4%	9, 400. 00	
W1104	Furnished Traffic Signal Posts Type C	each	12.8%	51.7%	35. 5%	53. 1%	46.9%	9, 060, 00	1
ł	Furnished Pedestrian Signal Posts Type D $\phi$ 114.3mm x 3.0m,	each	13. 0%	61.1%	35, 8%	52. 9%	47.1%	8, 890, 00	
W1105 W1201	Furnished Street Lighting Pole (single lamp), furnished	each	10.5%	60.5%	29. 1%	56.5%	43.5%	16, 500, 00	
W1202	Street Lighting Pole (double lamp), furnished	each	10. 2%	61, 2%	28.6%	56.8%	43. 2%	17, 100, 00	
₩2001 ₩2002	Heavy Equipment Assembly & Disassembly	LS LS	24.6% 4.2%	8.0% 9.9%	67. 3% 85. 9%	41.7% 53.1%	58.3% 46.9%	40, 500, 00 64, 100, 00	
W2002 W2003	Transportation of Disassembled Equipment Other Equipment & Material Haulage	LS	9.1%	15.3%	75.6%	50, 9%	49.1%	85, 900. 00	
W2004	Establishment of Temporary Site Office & Yard	LS	10.0%	50.0%	40.0%	45. 0%	55.0%	345, 000. 00	
nie oc.	Site Preparation for Engineer's Field Office and		1 20	ן אר פ	90. 3%	54.3%	45.7%	2. 54	
W3001 W3002	Living Quarters 150mm Thick Concrete Hollow Block Wall	m2 m2	1.6% 12.7%	8. 1% 84. 2%	90. 3% 3. 0%	36.4%	45. 7% 63. 6%	331.00	
W3002a	100mm Thick Concrete Hollow Block Wall	m2	13.8%	82.9%	3.4%	37. 4%	62.6%	306, 00	
₩3003	Structural Steel Fabrication and Erection for Engineers Office and Living Quarter	t	7.7%	67.0%	25. 2%	60.2%	39.8%	39, 000, 00	
W3004	Prepainted Corrugated G.I. Roofing Fabrication & Erection	m2	8.4%	79.9%	11.8%	54. 3%	45. 7%	159.00	
₩3005	Prepainted Steel Wall Panels on Steel Frames	m2	2. 5%	92. 9%	4. 6%	62. 1%	37.9%	629, 00	
1	with Insulation	1	1	. 1	,			ı	1

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Item No.	Description	Unit			ponents		· · · · · ·	Total	Remarks
	Description of Charles		Lab.		Equip.	For.	Local	(PP)	
W3006	Prepainted Steel Wall Partitions on Steel Frames with Insulation (Double Walling)	m2	2.5%	92.9%	4.6%	62.1%	37.9%	625. 00	
W3007	Plain Cement Floor Finish	m2	7.7%	85, 4%	6.8%	54.3%	45.7%	63. 20	'
į.	Plain Cement Floor Finish with non skid cement	m2	8, 2%	85. 0%	6, 8%	54.0%	46, 0%	63. 60	
W3008	with groove lines								
	Unglazed Tile Finish (8" x 8")	m2	1.7%	97.8%		60. 2% 60. 2%		589, 00 351, 00	
W3010	Gypsum Board Ceiling	m2 m2	1.7% 9.1%	97.8% 84.1%		53. 4%		64, 20	
W3011 W3012	Plain Cement Mortar Wall Finish Steel Fixed Louver	each	15. 1%	35.8%		49. 2%		7, 140. 00	
	Doors & Windows for Engineer's Field Office and								
M3013	Living Quarters	L, S.	5, 3%	90.6%	4.0%	41.3%	58. 7%	355, 000. 00	
W3014	Lighting and Powers	L.S.	5, 1%	93, 4%	1.5%			139, 000. 00	
W3015	Sewer Water Line	L. S.	4.5%	94.8%				115,000.00	
W3016	Septic Tank	each	14.6% 3.3%	63. 6% 93. 2%				20,600.00 1,840.00	
W3017 W3018	Cyclone Fence and Gate for the Engineer's Office Barbed Wire Fence for the Engineer's Office	m m	5.5%	92.7%		14.6%	85.4%	127.00	
W3019	Temporary Office Rental	month			100.0%	15.0%		18,000.00	
1	Miscellaneous for Office & Living Quarter	month	0.0%	80.8%	19.2%	34.6%	65.4%	1, 070. 00	
W3101	Maintenance	<b>.</b>	\ \		, ,				
W3102	Furniture and Fixtures for Field Office	L.S.	0, 1%	99. 1% 99. 1%	0.8%	34. 5% 73. 0%		332, 000. 00 225, 000. 00	
W3103	Equipment and Appliances for Field Office Furniture and Fixtures for Living Quarter	L. S. L. S.	0. 1% 0. 1%	99.1%				217, 000, 00	
-W3105 W3106	Equipment and Appliances for Living Quarter	L. S.	0.1%					87,600.00	
W3111	Office & Living Quarter Supplies	L. S.	0.3%	98.1%				14, 300, 00	
W3112	Office & Living Quarter Consumables	month	0.3%	98. 1%	1.6%	35.6%	64.4%	16, 200, 00	
W3401 W3402 W3403 W3404 W3405 W3406 W3407 W3501 W3502 W3503 W3504 W3511 W4001 W4002 W4003 W4101 W4111	Toll' Gate Canopy Structure with Catwalk & Stairways Toll Islands with barriers, cable duct & trench, protection gate, etc. Administration Building with fixtures, equipment and furniture Electrical Service Center with fixtures, generator, and equipment Mini Building with fixtures Water Tank System (deep well with elevated tank) Toll Operation Equipment Relocation of Existing Lighting Poles Relocation of Underground Conduit Relocation of Watermain Relocation of Sewer Pipe Repair & Maintenance of Existing Access Road Soil Investigation Boring Soil Investigation Standard Penetration Test Soil Investigation Laboratory Test Environmental Compliance Health and Safety Requirements	m2 m2 m2 m2 L.S. L.S. each m m each set km day	7.0% 12.0% 10.0% 10.0% 10.0% 9.0% 6.0% 27.3% 18.3% 5.2% 16.4% 21.1% 18.0% 25.0% 30.0%	44. 0% 50. 0% 54. 0% 54. 0% 54. 0% 75. 0% 22. 6% 24. 6% 77. 0% 16. 4% 8. 0% 5. 0%	44. 0% 40. 0% 36. 0% 37. 0% 19. 0% 57. 1% 17. 7% 36. 6% 62. 5% 74. 0% 55. 0%	45. 0% 50. 0% 50. 0% 50. 0% 55. 0% 80. 0% 44. 6% 55. 7% 48. 1% 41. 1% 50. 0% 50. 0% 0. 8%	55. 0% 50. 0% 50. 0% 50. 0% 45. 0% 20. 0% 61. 2% 55. 4% 44. 3% 51. 9% 58. 9% 50. 0% 60. 0% 60. 0%	980, 00 6, 960, 00 5, 660, 00 5, 220, 00 380, 000, 00	floor area floor area floor area US\$1.50 million
W4111	Health and Safety Requirements	day	i I		l .		Ī		
W4121	Overseas Development Assistance (ODA) Recognition Plate	each	1.8%	96, 1%	2. 1%	63.1%	36, 9%	93, 600, 00	
W4201	Contingency	L.S.	15.0%	45.0%	40.0%	50.0%	50.0%	1, 200, 000. 00	

Currency Exchange Rate : | US\$

■ 52.28 PP ■ 120.12 yen

W0001	Grass Cutting												Սրքւ։	1,000,00 m		
Item No.	Description	Unit	Quantity		C <sub>0</sub>	mponent	fit Rate		Total	l	-51 - 71 - 71	omponent (PP)	unt		Total	Remarks
L002 L019 L020	Foreman Skilled Labor Unskilled Labor Niscellaneous	and and and LS	0. 36 1. 70 0. 30 1. 00	100.0%	0, 0% 0, 0%	0.09	0. 03 0. 03 0. 03	100.09	410.00 320.00	218.88 697.00 96.00 0.00	Material 0. 00 0. 00 0. 00 10. 12	Equipment 0.00 0.00 0.00 91,07	Foreign 0, 00 0, 00 0, 00 50, 59	Local 2(8, 68 697, 00 96, 00 50, 59	(PP) 218, 68 697, 00 96, 00 101, 19	10. <b>0%</b>
	Companents (%)									1,011,88 90,9%	10. 12 0, 9%	91, 07 9, 2%	50, 59 4, 5%	1, 062, 47 95, 5%	1, 113, 07 100, 0%	
	Miscellaneous covers the cost for grass	cutter	s, scythes	, sickles	s. stc.	L			<u></u>	1.01	0.01	0. 09	0.05	1.06	3.11	<del></del>
₩0002	Tree Cutting		<del> </del>	T	<u> </u>	U	it Rate		<del></del>	· ·		Апо	Unit:	t, 000, 00 m	2	
Item No.	Description	Unit	Quantity	Lab.	Co Mat.	Equip.		Local	Total (PP)	Labor	Matoria.	ompohent (PP) Equipment	Foreign	Local	Tota) (PP)	Remarks
L002 L019	Foreman Skilled Labor	nd	0. 32 1. 15					100.09	6 <mark>[ 410.00</mark>	184, 32 471, 50	0,00	0. 00 0. 00	0, 00 0, 00	184. 32 471. 50	184. 32 471. 50	
L020	Unskilled Labor Miscellaneous Total	ud LS	0.64 1,00			90.00		100.0% 50.0%	320.00	204, 80 0, 00 860, 62	0, 00 6, 88 6, 88	0. 00 61. 96	0, 00 34, 42	204. 80 34. 42	204. 80 68. 85	8.0%
	Components (%) Unit Rate	m2	<del> </del>							92.6N 0,86	0.7%	61, 96 6, 75 0, 06	34. 42 3. 7% 0. 03	895, 04 96, 3% 0, 89	929. 47 100. 0% 0. 93	
	Niscellaneous covers the cost for chain	\$8W, E	x, elc.												•	
TOOO3	Grubbing Description	Unit	Quantity	<b>—</b>			t Rate		Total			, Amo	Unit:	1, Q00, 00 m		
L002	Foreman	nd nd	0, 17	Lab. 100. 0%	)lat.	mponent Equip, 0.0%	For.	Local 100.0%	(PP) 576.00	Labor 97, 92	Material 0.00	Equipment (PP)  Equipment 0.00	Foreign 0,00	Loca! 97, 92	Total (PP) 97. 92	Remarks
L020 R0101~015	Unskilled Lebor Tractor, crawler w/dozer (Bulldozer,	hr:	0. 17 6, 40	100,0%	0.0% 7.8%	0.0% 89.2%	0.00	100.0%	320.00	54, 40 518, 40	0, 00 1, 347, 84	0, 00 15, 413, 76	0. 60 9, 258, 46	54. 40 8, 021, 54	54, 40 17, 280, 00	
R0102-061	Backhoe, hydraulic, crawler, 0,61m3	hr LS	4, 30	4, 5%	8. 4%	87. 1%	52. 9X		1	338, 69 0, 00	628. 49 0, 00	8, 516, 82 0, 00	3, 956, 38	3, 625, 62 0, 00	7, 482. 00	
	Miscellaneous Total Components (%)									1,007,41 4,0%	1, 976, 33 7, 9%	21, 930, 58 88, 0x	0, 00 13, 214, 84 53, 0%	11, 599, 48 47, 0%	0, 00 24, 914, 32 100, 06	0.0%
	Unit Rate	<u>1 m2</u>								1.01	1.98	21,92	13, 21	11,69	24. 90	
Ttem No.	Burning	1154.	D	<u> </u>	Č.		it Rate		1-1-1-1			Amo	Unit:	1, 000, 00 m		DI
LOG2	Description Foreman	Unit	Quantity 0.65	Lab. 100. 0X		Equip,	Fpr. 0.0%	Local 100, 0%	Total (PP) 576, 00	Labor 374, 40		Equipment (PP)  0.00	Foreign 0,00	Loca   374, 40	Tots) (PP) 374, 40	Romarks
L020 L020	Unskilled Labor Jünskilled Labor	nd nd	3, 63 1, 26 1, 00	100.0%	0.0% 0.0%	0.0%	0, 0% 0, 0%	100.0%	320, 00	1, 161, 60 403, 20	0. 00 0. 00	0.00 9.00	0. 00 0. 00	1, 161, 60	1, 161, 60 403, 20	
	Mixcelianeous   Total	LS	1.00							0, 00 1, 939, 20	0, 00 0, 00	0.00 0.00	0, 00 0, 00	0,00 1,939,20	0.00 1,939,20	0.0%
	Components (%) Unit Rate	m2						<u> </u>		100.0%	0.00	0. Q1, 0. Q0	0.0%	100.0%	100.04	
MOOFT	Demulition by Crawler Drill (Lightly	Reinfo		Ures)		E <sub>ff</sub>	il Raze					Aragu	Unit:	10,00 m3	· · · · · · · · · · · · · · · · · · ·	
ltem No.	Description	Unit		i.ab,	llat.	Eguip,	it Rate (%) For	[.oca]	Total (PP)	Labor		Angu omponent (PP) Equipment		Local	Total (PP)	Remarks
L002 L020	Foreman Unskilled Labor	Md Md	0, 50		0.0% 0.0%		0,0%	100.0%		288, 00 256, 60	0, 00 0, 00 0, 00	0, 00 0, 00 1, 295, 00	0.00	288, 00 256, 00	288, 00 256, 00	
	Crawler Drill Backhoe, hydraulic, crawler, 0.51m3 Miscellaneous	hr hr LS	2,50 2,50 1,00	Q, 0% 4, 6% 0, 0%	0.0% 8.4% 50.0%	87.1%	54.3% 52,9% 55,0%	47. 1%	518.00 1.740.00	0, 00 195, 75 0, 00	365. 40 30, 95	3, 788, 86 30, 95	703, 04 2, 300, 22 34, 04	591.96 2,049.76 27,85	1, 295, 00 4, 350, 00 61, 89	1.0%
	Total Components (%)	-		0.0,0	40, 00	30,04	29.94	10.0%		739, 75	396, 35 6, 3%	5, 114, 80 81, 8%	3, 037, 30 48, 6%	3, 213, 69	6, 250, 89	1.04
L	Unit Rate Miscellaneous covers the costs for chie	i m3 sol ∎t	eel cutters	etc.			L	L	I	73, 96	39, 63	511, 41	303.69	51. 4% 321, 31	100, 0% 625, 00	
W0012	Descrition by Crewler Drill (Heavily )	Reinfor	ced Struct	ures)		Pe Pe	(t Rote					Апры	Unit:	10.00 m3	·	
Item No.	Description	Unit	Quantity	Láb.		ipgnent Equip	(6)	Local	Total (PP)	Labor	C Naterial	empohent (PP)	Foreign	Local ·	Total (PP)	Remarks
	Foreman Welder	nd ad	0.60 0.70	100.0%	0.0%	0, 01	0.0% 0.0%	100, 0% 100, 0%	576.00 609.00	345. 60 356. 30	0.00 0.00	0, 00 0, 00	0, 00 0, 00	345. <b>6</b> 0 356, 30	345. 60 356. 30	
	Unskilled Labor Crawler Drill Backhoe, hydraulic, crawler, 0.6im3	hr hr	1.70 4.90 4.90	100.0% 0.0% 4.5%	0.0% 0.0% 8.4%	0.0% 100.0% 87.1%	0, 0% 54, 3% 52, 9%	45.7%	320,00 518,00 1,740,00	544. 00 0. 00 383, 67	0, 00 0, 00 716, 18	0, 00 2, 538, 20 7, 426, 16	0.00 1,377.95 4,508.43	544.00 1, 160.28 4, 017.57	544, 00 2, 538, 20 8, 526, 00	
Koldt out	Miscellaneous Total	LS	1.00	0,0%	50,0%	50.0%	55. OX		1,140.00	0.00 1,629.67	246. 20 962. 39	246. 20 10, 210, 55	270.82 6. [57, 2]	221.58 5,645.30	492, 40 12, 802, 50	4.0%
	Components (%) Unit Rate	m3								12. 7% 162, 93	7. 5% 96, 22	79, 8% 1, 020, 86	48, 1% 615, 60	51.9% 664, 40	100,0%	
#0012	Miscellaneous covers the costs for chief												Pada i	10.00.0		
	Description  Description	1	Quantity	101000 3	Con	Un Donnent	t Rate		Total		c	Amou	Unit:	10.00 m3	Total	Remarks
L002	Foreman	pd -	1.60	Lab. 100, 0%	0, 0%	Equip. 0, 0%	For. 0.0%	1,00a l 100. 0%	(PP) 576.00	921.60	0,00	Equipment 0, 00	Foreign 0,00	Local 921, 60	(PP) 921, 60	Tiend, No
L020	Skilled Labor Unskilled Labor	md md	0.60 4. t0		0.0%	0.0%	0.0% 0.0%	100.0%	410,00 320.00	246, 00 1, 312, 00	0.00	0,00	0.00	246.00 1,312.00	246, 00 1. 312, 00	
R1002-160	Pneumatic Breaker. Handhold Air Compressor 126-160 ofm (3.6- 4.5m3/min)	day	4. 20 2. 10	0. 0% 0. 0%	0.0% 27.8%	100.0% 72.2%	54. 3% 57. 2%	45, 7% 42, 8%	457.00 2,090.00	0. 00 0. 00	0.00 1,220.14	1, 919, 40 3, 168, 86	1, 042, 11 2, 511, 92	877. 29 1, 877. 08	1, 919, 40 4, 389, 00	
	Missellaneous Total	LS.	1,00	0,0%	50. <b>0%</b>	â0. D%	65. O%	45.0%		0, 00 2, 479, 60	87, 68 1, 308, 02	57, 88 5, 176, 14	96, <b>67</b> 3, 650, 69	79. 09 5. 313. 07	175, 76 8, 963, 76	2,0%
	Components (%) Unit Rate	m3								27, 7% 247, 86	14, 5% 130, 7 <u>5</u>	5, 176, 14 57, 7% 617, 40	40, 1% 364, 92	59, 3% 531, 08	100.0% 896.00	
	Miscellaneous covers the costs for chies Demolition by Pneumatic Handhald Break				tructure	.s)				•			Unit:	10,00 m3		
Item No.	Description	Unit	Quantity		Cor	Un	it Rate (%)		Total			Amou Amponent (PP)	nt		Total	Remarks
L002	Foreman	#d	2, 60	l.ab, 100.0%	0,0%	0.0%	0.0%	Local 100.0%	(PP) 576, 00	Labor 1, 497, 60	Naterial 0.00	Equipment 0.00	Foreign 0.00	Loca 1 1,497.60	(PP) 1,497.60	
L019	Welder Skilled Lebor Unskilled Lebor	nd nd	0, 70 9, 40 6, 90	100.0% 100.0% 100.0%	0, 0% 0, 0% 0, 0%	0, 0% 0, 0% 0, 0%	0, 0% 0, 0% 0, 0%	100.0% 100.0% 100.0%	509.00 410.00 320,00	358, 30 3, 854, 00 2, 208, 00	0, 00 0, 00 0, 00	0,00 0,00 0,00	0, 60 0, 00 0, 00	356, 30 3, 854, 00 2, 208, 00	356, 30 3, 854, 00 2, 208, 00	
R0204-020	Pneumatic Breaker, Handhold Air Compressor 126-160 cfm (3.6-	day	5. 60	0.0%	0.0%	100.0%	84.3%	45.7%	457.00	0.00	0, 00	2, 650, 60	1, 439, 10	1, 211, 60	2, 650. 60	
	4. 5m3/min)	day	2. 90 1. 00	0.0%	27, 8% 50, 0%	72. 2% 50. 0%	67. 2% 65. 0%	42. 8% 45. 0%	2, 090. 00	0,00	1, <b>684. 9</b> 6 166. 28	4, 376, 04 166, 28	3, 468, 84 182, 90	2, 592, 16 149, 65	6, 061, 00 332, 55	2, 0%
	Miscellaneous	_15_			- 1					7, 915, 90 46, 7% 793, 45	1,851,23 10,9%	7, 192, 92 42, 4%	5, 090, 84 30, 0%	11, 869, 21 70, 0%	16, 960, 05 100, 04 1, 700, 00	
	Miscellaneous Total Components (%)	_L\$														
	Hiscellaneous Total Components (%) Unit Rate Hiscellaneous covers the costs for chies			etc.		=				704. 101		720, 99	510, 28	[, [89, 72]		
W0015	Hiscollaneous  Total  Companynts (%) Unit Rato  Miscellaneous covers the costs for chies Demolition of PCC Pavement by Crawler	prill	uel cutters	etc.		Ųn	t Rate			701.701		Amou	Unit:	[0,00 p2	·	
#0016	Hiscollaneous  Total Companents (%) Unit Rato Hiscollaneous covers the costs for chies Demolition of PCC Pavement by Crawler Description	Drill Unit	eel cutters	Lab.	Mat.	ponent Equip.	(%) For	Local	Total (PP)	Labor		Amou mpanent (PP)	Unit: nt Foreign	[0, 00 p2	Total (PP)	Remarks
#0015   Item No.   R0202-000   R0102-061	Hiscollaneous  Companynts (%)  Unit Rato  Hiscollaneous covers the costs for chies Desclition of PCC Pavesent by Crawler  Description  Crawler Orill  Crawler Orill  Crawler Orill  Crawler Orill	Prill Unit hr	Quantity  0.25 0.26	Lab. 0.0% 4.5%	0.0% 8.4%	Equip. 100.0% 87.1%	For, 54, 3% 52, 9%	45. 7% 47. 1%	(PP) 518.00 1,740.00	Labor 0, 00 19, 58	Co Material 0,00 36.54	Amou. mponent (PP) Equipmont 129, 50 376, 69	Unit: nt Foreign 70, 30 230, 02	10,00 p2	Total (PP) 129, 50 435, 60	Remarks
#0015   Item No.   R0202-000   R0102-061	Itiscellaneous  Total Components (t) Unit Rato Hiscellaneous covers the costs for chies Demolition of PCC Pavement by Crawler Cescription  Crawler Drill Backhoo, hydraulic, crawler, 0.8im3 Backhoo, hydraulic, crawler, 0.8im3	Drill Unit	Quantity	Lab. 0.0%	Mat. 0.0%	Equip. 100.0%	For. 54. 3%	45. 7%	(PP) 518.00 1,740.00	Labor 0, 00 19, 58 0, 00 0, 00 19, 58	Material 0, 00 36, 54 0, 00 0, 00 38, 54	Amou mponent (PP) Equipment 129, 50 376, 69 0, 00 0, 00 508, 39	Unit: nt 70.30 230.02 0.00 0.00 300.33	10, 00 m2 Local 59, 20	Total (PP) 129, 50 435, 60 0, 60 0, 60 564, 50	Remarks
#0015   Lem No.   R0202-000   R0102-061   R0102-061	Hiscollaneous  Companents (1)  Unit Rate  History  Histor	prill Unit hr hr hr LS	Quantity 0.25 0.26 0.00	Lab. 0. 0% 4. 5% 4. 5%	0.0% 8.4%	Equip. 100.0% 87.1%	For, 54, 3% 52, 9%	45. 7% 47. 1% 47. 1%	(PP) 518, 00 1, 740, 00 1, 740, 00	Labor 0. 00 19. 58 0. 00 0. 00 19. 58 3. 5% 1. 96	Material 0.00 36.54 0.00 0.00 0.00 36.54 6.5%	Amou mponent (PP) Equipment 129, 50 376, 89 0, 00 0, 00	Unit: nt 70,30 230,02 0,00 0,00 300,33 53,2%	10, 00 m2 Locp1 59, 20 204, 98 0, 00 0, 00 264, 17 46, 8% 28, 44	Total (PP) 129, 50 435, 60 0, 60 0, 90	<del></del>
#0015   Lem No. R0202-000 R0102-061 R0102-061	Hiscollaneous  Companyonts (1)  Unit Rato  His Rato  Hiscollaneous covers the costs for chies  Description  Crawler Orill  Backhoo, hydraulic, crawler, 0.8im3  Rackhoo, hydraulic, crawler, 0.8im3  Miscollaneous  Jotal  Components (3)  Unit Rate  Concrete Pavement Thickness  Aggressto Subbase Thickness	Prill Unit hr hr hr hr	Quantity  0.25 0.26 0.00	Lab. 0. 0% 4. 5% 4. 5%	0.0% 8.4%	Equip. 100.0% 87.1%	For, 54, 3% 52, 9%	45, 7% 47, 1% 47, 1%	(PP) 518.00 t, 740.00 t, 740.00	t,abor 0. 00 19. 58 0. 00 0. 00 19. 58 3. 5% 1, 96 operation hou	Maxoria 0.00 36.64 0.00 0.00 0.00 0.00 36.64 6.5%	Amount (PP) Equipment (PP) 129, 50 376, 89 0, 00 0, 00 508, 39 90, 18 50, 88	Unit: nt 70.30 230.02 0.00 0.00 300.33 53.28	10, 00 m2 Locp1 59, 20 204, 98 0, 00 0, 00 264, 17 46, 8% 28, 44	Total (PP) 129. 50 495. 00 0. 00 0. 90 564. 50 100, 04	<del></del>
#0015   Item No. R0202-000 R0102-061 R0102-061	Hiscollaneous  Companyonts (%)  Unit Rato  Historian  Historian  Historian  Historian  Historian  Historian  Historian  Historian  Historian  Historian  Description  Crawler Drill  Backhoo, hydraulic, crawler, 0.6im3  Historian  Historian  Jotal  Components (%)  Unit Rate  Controle Pavement Thickness  Assistant Pare Historian  A = Sa(1+K) NEI (Demolition)  A : Demolition causacity ber hour	prill Unit hr hr hr LS	Quantity 0.25 0.00 1.00 0.250 0.000 40.00	Lab. 0.0% 4.5% 4.5%	0.0% 8.4% 8.4%	Equip. 100, 0% 87, 1% 87, 1%	For, 54, 3% 52, 9%	45. 7% 47. 1% 47. 1%	(PP) 518.00 1.740.00 1.740.00 1.740.00  Backhoe daily Q = YxkixE2 (B Q : Excavatio	1,abor 0.00 19.58 0.00 0.00 19.58 0.00 19.58 3.5% 1.96 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	0.00 36.54 0.00 0.00 38.54 6.5% 3.66	Amou Amou 129.50 376.69 0,00 508,39 90,1% 50,88	Unit: nt Foreign 70.30 230.02 0.00 0.00 300.33 53.28 30.06 = 5.47 hr/	10,00 m2  Local 59,20 204,98 0,00 0,00 264,17 46,84 28,44	Total (PP) 129. 50 495. 00 0. 00 0. 90 564. 50 100, 04	<del></del>
#0015 Item No. R0202-000 R0102-061 R0102-061	Hiscollaneous  Total  Components (%)  Unit Rate  Hiscollaneous covers the costs for chies  Description  Crawler Drill  Backhos, hydraulic, crawler, 0.5im3  Hiscollaneous  Total  Components (%)  Unit Rate  Concrete Pavement Intekness  Aggressite Subbase Thickness  Aggressite Subbase Thickness  A = Sx(1+N) El (Description)	prill Unit hr hr hr LS	Quantity 0.25 0.00 1.00 0.250 0.000	Lab. 0.0% 4.5% 4.5%	0.0% 8.4%	Equip. 100, 0% 87, 1% 87, 1%	For, 54, 3% 52, 9%	45. 7% 47. 1% 47. 1%	(PP) 518.00 t, 740.00 t, 740.00 Eackhoe Baily	t,abor  0.00 19.58 0.00 0.00 19.58 3.5% 1,96 operation house	0.00 36.54 0.00 0.00 38.54 6.5% 3.66	Amou Amou 129.50 376.69 0,00 508,39 90,1% 50,88	Unit: nt  Foreign 70, 30 230, 02 0, 00 0, 00 300, 33 53, 28 30, 06 0 5, 47 hr/	10,00 m2  Local 59,20 204,98 0,00 0,00 264,17 46,84 28,44	Total (PP) 129. 50 495. 00 0. 00 0. 90 564. 50 100, 04	<del></del>

¥0016	Excavation of Gravel Pavement	T	T			Uz	it Rate					Am	Unit:	100.00		<del> </del> 1
Item No.	Description	Unit	Quantity	Lab	Co Nat	Equip.	(%) For	Local	Total (PP)	Labor	Materia)	Component (PP Equipment	Foreign	Local	Tota) (PP)	Romarks
R0102-061	Backhoe, hydraulic, crawler, 0.61m3 Miscellaneous	hr LS	1.00		8. 4%	B7. 1%	52.9%	47. 1%	1, 740, 00	46. 20 0. 00	86, 23 0, 00	894. 17 Q. 00	642. 86 0. 00	483, 75 C, 00	1, 026. 60 0, 00	
	Total Components (%)	-	T			-	-	<del>  -</del>		46, 20 4, 5%	86, 23 8, 5%	894. 17 87. 1%	542,85 52.9%	483. 75 47. 1%	1, 026. 60 100. 0%	
	Unit Rate Q = 3600 q f - E/Cm	0					Gravel	Pavegent	Thickness	0, 46	0, 67	A. 97	6.45	4, 85	10, 30	
	Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient	:		8 m3/hr 9 m3/cycl )	•		E : Eff Cm: Cyc	iciency	THERIOSS	= 0.60 = 30.00						
<b>T</b> 0026	Disposal of Demolished Debris		T	,			4. 0						Unit:	10.00	m3	<del>,                                     </del>
Trem No.	Description	Unit	Quantity	1	Co	mponent Equip.	it Rate	1 1	Tota) (PP)	73	Ø	Component (PP	ount		Total	Romarks
£020	Unskilled Labor	mð .	0.40		0.0%	0.0%	0.0%		320.00	Labor 128,00	Material 0,00	_Equipment 0.00	0.00	128,00	(PP) 128, 00	
R0102~061 R0601-006		hr hr	0. 28 1. 26	10, 1%			52, 9% 50, 7%		1, 740, 00 604, 00		40. 92 138. 23	424, 36 647, 95	257. 62 385. 80	229. 58 375. 24	487. 20 761. 04	
	Miscellaneous Total	LS.	1.00	'						226, 79	0, 00 177, 15	972.30	0.00 643.43	0. 00 732. 81	0.00 1.376.24	0, 0%
	Components (%) Unit Rate	ш3	<del></del>							16, 5% 22, 74	12.9%	70, 6% 97, 50	46. 8% 64. 52	53, 24 73, 48	38.00	
	Q = 3600-q-f-E/Cm (Backhoe) Q : Excavation Volume per hour	•	35. 4	m3/h			Q = q f	·E/Cm (i	Jump Truck) on Volume pe		= 7.91					
	q : Excavation Volume per Cycle f : Volumo Coefficient	=	G, 59 L, 00	m3			q ; Load	ding Capa uma Coaff	city of a Tr	uck	■ 5.30 m ■ 1.00	<b>n</b> 3		•		
	E : Efficiency Cm: Cycle Time	•	0.50				E : Effi	icioncy	A + 2-L/V		* 0.90 * 0.60 )					
	Cm. Cleid like	•	30	800			Y : Yehi	ic}e spec	rd		= 30,00	km/hr		:		
							L : Avei	ding time rage Dist	nce to Diap	osal Point	= 0. 27 } = 5, 00 }					
10101	Excavation, Bulldozer 21t												Unii:	100, 00	13	
Juem No.	Description	Unit	Quantity		Cor	Un Propent	t Rate		Yotal		7	Ame Component (PP)	unt		Total	Remarks
	Tractor, crawler w/dozer (Bulldozer,	├	<del> </del>	Lab,	Mat.	Equip.	For	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
R0101-021	211) Wiscellaneous	hr LS	0, 61	1.6%	8. (%	90.3%	54. 3%	45.7%	4, 160, 00	40, 60 0, 00	205, 55 0, 00	2, 291, 45	t, 377. 19 0. 00	1, 160, 41 0, 00	2, 537, 60	0.0%
	Jotel									40, 60	205, 65	2, 291, 45	1, 377, 19	1, 160, 41	2, 537, 60	
	Commonents (%) Unit Raie  Q = 60 · q·f·E/Cm	m3								1, 6% 0, 41	8. 1% 2. 06	90, 3% 22, 94	54.3% [3,78]	45. 7% 11. 62	100, 0% 25, 40	
	Q : Excavation capacity por hour		154, 04	m3/hr		E : Effi	ciency			<b>Q. 90</b>						
	q : Standard capacity per cycle F : Volume coefficient		2.91 1.00	m3/cycle				0.027 L		<ul> <li>0.93 a</li> <li>5.00 a</li> </ul>	iśn I					
T0102	Excavation, Hackhoe 0.35m3												. Unit:	100. QQ n	3	
ltem No.	Description	Unit	Quantity		Cor	Un mponent	t Rate		Total			Amo Component (PP)	unt		Total	Romarks
80102-035	Backhoo, hydraulic, crawler, 0.35m3	hr	4.08	ab. 6. 5X	Mat. 8.4X	Equip.	For.	Local 48. 2%	(PP) 1, 210, 50	Labor 320, 89		Equipment 4, 201, 22	Foreign 2, 557, 58	Local 2, 379, 22	(PP) 4, 936, 80	
	Miscellaneous	<u>iš</u>	1,00							0, 00 320, 89	0, 00 414, 69	0.001	0.001	0, 00 2, 379, 22	0, 00 4, 938, 80	0.0%
	Tola) Components (%) Unit Rate	m3			=					6.5%	E. 4%	4, 201, 22 85. 1%	2, 557, 58 51, 8%	48. 2%	100, 0%	
										2 21		42 04	25 50	22 01	10 70	
	Q = 3600 · q · f · E/Cm		24.40			F . 500			- 4.50	3, 21	4, 15	42.04	25, 59	23, 61	49. 40]	
	Q = 3600-q-f-E/Cm Q : Excavation capacity per hour q : Standard capacity per cycle	# # # # # # # # # # # # # # # # # # #	0. 34	m3/hr m3/cycle		E : Effi Cn: Cycl			= 0.60 = 30.00	3,211		42, 04	25, 59	23, 81	49. 40]	
	Q = 3600 q.f.E/Cm Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient			m3/cycle						3,211		42, 04	25, 59	23, 61		
¥0105	Q = 3600-e-f-F/Ca Q : Excevation capacity per hour q : Stendard cepacity per cycle f : Yolume coefficient Excevation, Backhow 0.81m3	:	0. 34 1. 00	m3/cycle	· 	Cn: Cycl	e Time		<b>= 30.00</b>	3,211	4, 15	42. 041	25, 59	23, §1		
<b>W0105</b>	Q = 3600-e-f-E/Ca Q = Excevation capacity per hour q : Standard capacity per cycle f : Yolume coefficient Excevation, Backhow 0, 81m3 Description		0. 34	m3/cycle	Con	Cn: Cycl Uni	t Rate	Local	# 30.00	3, 211 sec	4, 15	42.041	25, 59 Uni1:	23, 61	Total (PP)	Romerks
#0105   11em No.   R0102-061	Q = 3600 e: f: f:/Ca  Q = Standard capacity per hour  Q : Standard capacity per cycle  f : Volume coefficient  Excavation, Backhoe 0, Bim3  Description  Backhoe, hydraulic, crawler, 0.61m3	:	0. 34 1. 00	m3/cycle	Con	Cn: Cycl	t Rate	Local 47. IX	<b>= 30.00</b>	3, 21	4, 15	42.04 Amo amponent (PP) Equipment 3.561.52	25, 59  Unit: unt  Foreign 2, 162, 21	23, 81	3 Total (PP) 4, 089, 00	
#0105   11em No.   R0102-061	Q = 3600-e-7-E/Ca Q = 5800-e-7-E/Ca Q : Excevation capacity per cycle G : Volume coefficient  Excevation, Backhow 0.81m3  Description  Backhow, hydraulic, crawlor, 0.61m3  Miscellaneous  Total	Unit	0.34 1.00 Quantity 2.35	m3/cycle	Co- Mat.	Cn: Cycl Un: Tponent Equip.	t Rate		= 30.00 Total (PP)	3, 21 sec Labor 184, 01 0, 00 184, 01	4, 15 C Materiel 343, 48 0, 60 343, 48	Amo component (PP) Faujpment 3, 561, 52 0, 00 3, 561, 52	25, 59  Unit:  Unit:  Foreign 2, 162, 21 0, 00 2, 162, 21	23, 81 100, 00 # Local 1, 926, 79 0, 00 1, 926, 79	Total (PP) 4.089.00 0.00 4.089.00	Remerks
70105 1tem No. R0102-061	Q = 3600-e-f-E/Ca Q : Excevation capacity per hour Q : Standard capacity per cycle F : Volume coefficient  Excevation, Backhos O. 81m3  Description  Backhos, hydraulic. erawlor. O. 61m3  Miscellaneous  Total  Components (%)  Unit Rate	Unit	0.34 1.00 Quantity 2.35	m3/cycle	Co- Mat.	Cn: Cycl Un: Tponent Equip.	t Rate		= 30.00 Total (PP)	3, 21 sec Labor [84, 01 0, 00	4, 15 C Nateriel 343, 48 0, 00	Amoonont (PP) Equipment 3.561.52 0.00	25, 59  Unit: unt  Foreign 2, 162, 21 0, 00	23, 81 100, 00 z Local 1, 926, 79 0, 00	Total (PP) 4. 089. 00 0. 00	
F0105 liem No. R0102-061	Q = 3600-q·f-E/Cm q : Excavation capacity per hour q : Standard capacity per cycle f : Yolume coefficient  Excavation, Backhos 0.81m3  Description  Backhos, hydraulic, crawlor, 0.61m3  Miscellaneous  Total  Components (%)  Unit Rair Q = 3600-q·f-E/Cm Q : Excavation capacity per hour	Unit hr LS	0. 34 1. 00 Quantity 2. 35 1. 00	#3/cycle	Con Mat. B. 4%	Uniponent (Equip. 87.1%	t Rate		= 30, 00  Total (PP) 1, 740, 00  = 0, 60	3, 21   sec   Labor   184, 01   0, 00   184, 01   4, 5%   1, 84	4, IS   C   Raterial	Amonponent (FP) Equipment 3, 561, 52 0, 00 3, 561, 52 67, 1%	25, 59  Unit: unt  Foreign 2, 162, 21 6, 00 2, 162, 21 52, 94	23. 61 100, 00 m Local 1, 926. 79 0, 00 1, 926. 79 47, 13	3 Total (PP) 4.089.00 0.00 4.089.00 100.00	
#0105 11em No. R0102-061	Q = 3600-q·f-F/Ca Q = Secovarion capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos 0, Shm3  Description  Backhos, hydraulic, crawlor, 0.61m3  Miscellaneous  Components (%)  Unit Bate Q = 3600-q·f-E/Cm	Unit hr LS	0. 34 1. 00 Quantity 2. 35 1. 00	Lab. 4.5X	Con Mat. B. 4%	Uniponent (Equip. 87, 1%	t Rate		= 30.00 Total (PP) 1.740.00	3, 21   sec   Labor   184, 01   0, 00   184, 01   4, 5%   1, 84	4, IS   C   Raterial	Amonponent (FP) Equipment 3, 561, 52 0, 00 3, 561, 52 67, 1%	25, 59  Unit: unt  Foreign 2, 162, 21 6, 00 2, 162, 21 52, 94	23. 61 100, 00 m Local 1, 926. 79 0, 00 1, 926. 79 47, 13	3 Total (PP) 4.089.00 0.00 4.089.00 100.00	
F0105 11em No. R0102-061	Q = 3600-q·f-F/Ca Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhoe O, Slm3 Description Backhoe, hydraulic, crawler, O. Slm3 Miscellaneous  Components (%) Unit Bair Q = 3600-q·f-E/Cm Q : Excavation capacity per hour q : Standard capacity per cycle	Unit hr LS	0. 34 1. 00 Quantity 2. 35 1. 00	Lab. 4.5X	Con Mat. B. 4%	Uniponent Equip. 87.1%  F: Effi Ca: Cycl	t Rate (A) For 52.9%		= 30, 00  Total (PP) 1, 740, 00  = 0, 60	3, 21   sec   Labor   184, 01   0, 00   184, 01   4, 5%   1, 84	4, IS   C   Raterial	Amoosponent (PP) Equipment (3,561,52,000) 3,561,52,000 3,561,52,000 3,561,52,000	25.89  Uni1: unt  Foreign 2,162.21 6.00 2,162.21 52.94 21.63i	23. 61 100, 00 m Local 1, 926. 79 0, 00 1, 926. 79 47, 13	3 Total (PP) 4, 089, 00 0, 00 4, 089, 00 100, 0% 40, 90	
F0105 11em No. R0102-061	Q = 3600-q·f-F/Ca Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O, Slm3  Description  Backhos, hydraulic, crawler, O, Slm3  Miscellaneous  Total  Components (%)  Unit Raix, Q = 3600-q·f-F/Cm Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient	Unit hr LS	0. 34 1. 00 Quantity 2. 35 1. 00	#3/cycle	Con Mat. 8. 4%	United States of the Control of the	For S2.9%	47. 18	= 30, 00  Total (PP) 1, 740, 00  = 0, 60 < 30, 00	3, 21 sec    Labor   184, 01   0, 00   164, 01   4, 5%   1, 84   1, 8	4, 15  Material 243, 48 0, 00 343, 48 8, 49 3, 441	Amonoment (PP) Equipment (PP) Equipment (PP) Equipment (PP) 4,561.52 6,00 6,561.52 67.13, 35,62	25. 59  Unit:  Unit:  10. 00  2. 162. 21  5.2. 94  21. 63:  Unit:  Unit:	23. 81  100, 00 m  Local 1, 926, 79 0, 00 1, 928, 79 47, 14 19, 27	3  Total (PP) 4, 089, 00 6, 089, 00 1, 089, 00 100, 00 40, 90 40, 90	
#0105   11em No.   R0102-061   F0108   Item No.	Q = 3600-q·f-F/Ca Q : Excevation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O. 61m3  Description  Backhos, hydraulic, crawlor, O. 61m3  Miscellaneous  Components (%)  Q = 3600-q·f-F/Cm Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O. 61m3 + Manpower  Description	Unit hr LS	0. 34 1. 00 Quentity 2. 35 1. 00 42. 48 0. 59 t. 00	#3/cycle	Con Mat. 8. 4%	United States of the Control of the	For S2.9%	Local	= 30, 00  Total (PP) 1,740,00  = 0,60 = 30,00	3, 21 sec    Labor   184, 01   0, 00   164, 01   4, 5%   1, 84   1, 8	4, 15  Material C	And And And And And And And And And And	25.89  Uni1: unt  Foreign 2,162.21 6.00 2,162.21 52.94 21.63i	23. 81  100, 00 m  Local 1, 926. 79 0, 00 1, 926. 79 17, 14 19, 27	3  Total (PP) 4, 089, 00 6, 00 4, 089, 00 1, 00, 00 4, 09, 00 40, 90  Total (PP)	0, 9%
#0105  Item No.  R0102-061  #0106  Item No.  L020  R0102-061	Q = 3600-q·f-F/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O. Sim3  Description  Backhos, hydraulic, crawlor, O. Sim3  Miscellancous  Total  Components (%) Q = 3600-q·f-F/Cm Q : Excavation capacity per hour q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos, O. Sim3 + Manpower Description  Unskilled Labor Backhos, hydraulic, crawler, O. Sim3	Unit hr LS	Quantity 2.35 1.00 42.48 0.59 1.00	#3/cycle  Lab. 4.5X  #3/hr  #3/cycle  Lab. 100.0X 4.54	Con Mat. 8. 4%	Unitronent (Equip. 87.1%) E : Effi Cm: Cycl	For S2.9%	47. 18	= 30, 00  Total (PP) 1, 740, 00  = 0, 60 < 30, 00	3, 21 sec   Lebor   184, 01 0, 00 184, 01 4, 5% 1, 84	A, 15     C	42,04]  And Oseponent (PP) Equipment () 3,561,52 0,00 3,561,52 87,1% 35,62  Amo Component (PP) Equipment (PP) Equipment (PP) 499,20 499,20	25, 59  Unit:  Unit:  Foreign 2, 162, 21 0, 00 2, 162, 21 52, 94 21, 63  Unit:  Unit:  Foreign 0, 00 248, 42	23. 81  100, 00 m  Local 1, 926, 79 0, 00 1, 926, 79 47, 13, 19, 27  10, 00 m	3  Total (PP)  4.089,00  4.089,00  5.089,00  1.09,00  40,90  3  Total (PP)  128.00  459,80	0, 9%
#0105  Item No.  R0102-061  #0106  Item No.  L020  R0102-061	Q = 3600-q·f-F/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O. Sim3  Description  Backhos, hydraulic, crawlor, O. Sim3  Misceliancous  Components (%) Q = 3600-q·f-E/Cm Q : Excavation capacity per hour q : Excavation capacity per hour f : Volume coefficient  Excavation, Backhos, O. Sim3 + Mangower Description  Unskilled Labor Backhos, hydraulic, crawler, O. Sim3 Misceliancous  Total	Unit hr LS	Quantity  42.48 0.59 0.400 Quantity 0.400 0.27	#3/cycle  Lab. 4.5X  #3/hr  #3/cycle  Lab. 100.0X 4.54	Com Mat. B. 4X	Un sponent Equip. 87.1% E: Effi Cm: Cyc) Un sponent Un	t Rate  X)  For.  52.9%  clency  t Rate  X)  For.  0.0%	47. 1%	= 30, 00  Total (PP) 1,740,00  = 0.60 = 30,00  Total (PP) 320,00	3, 21   sec   Labor   i84. 01   0.00   i84, 91   4.5%   1.84   sec   Labor   28.00   21.14   0.00   149.14	### A 15	And And And And And And And And And And	25. 59  Unit: Unit:  Foreign 2, 162, 21 0. 00 2, 162, 21 52, 94 21, 63  Unit:  Unit:  Foreign 0. 00 248, 42 0. 00 248, 42	23. 81  100, 00 m  Local 1, 926, 79 0, 00 1, 928, 79 47, 14 19, 27  10, 00 m  Local 128, 00 221, 38 0, 00	3  Total (PP) 4,089,00 4,089,00 1,005,00 1,005,00 40,90  Total (PP) 128,00 459,80	0, 9%
#0105  Item No.  R0102-061  #0106  Item No.  L020  R0102-061	Q = 3600-q·f-F/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O, Shm3  Description  Backhos, hydraulic, crawlor, O.61m3  Miscellaneous  Components (%) Q = 3600-q·f-F/Cm Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O, Shm3 + Manpower  Description  Unskilled Labor Backhos, hydraulic, crawler, O.61m3  Miscellaneous	Unit hr LS	Quantity  42.48 0.59 0.400 Quantity 0.400 0.27	#3/cycle  Lab. 4.5X  #3/hr  #3/cycle  Lab. 100.0X 4.54	Com Mat. B. 4X	Un sponent Equip. 87.1% E: Effi Cm: Cyc) Un sponent Un	t Rate  X)  For.  52.9%  clency  t Rate  X)  For.  0.0%	47. 1%	= 30, 00  Total (PP) 1,740,00  = 0.60 = 30,00  Total (PP) 320,00	3, 21  sec   Labor   184, 01   184, 01   0, 00   184, 01   4, 5%   1, 84	A, 15  Material  C Material  O, 00  343, 48  A, 45  3, 441  Material  O, 00  39, 46  O, 00  O	Amonoment (FP) Equipment (FP) Equipment (FP) Figure (FP) Figure (FP) Figure (FP) Equipment (FP) Equipment (FP) Figure (FP) Fig	25.89  Unit:  Un	23. 81  100, 00 m  Local 1, 926, 79 0, 00 1, 926, 79 47, 13, 19, 27  10, 00 m	Total (PP) 4, 089, 00 4, 089, 00 1, 00, 00 1, 00, 00 40, 00 40, 90  Total (PP) 128, 00 459, 90 0, 00	0, 9%
#0105 Item No. R0102-061 #0106 Item No. L020 R0102-061	Q = 3600-q·f-F/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos 0, Shm3  Description  Backhos, hydraulic, crawlor, 0.61m3  Miscellaneous  Total Components (%)  Q = 3600-q·f-F/Cm Q : Excavation, capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos 0, Shm3 + Manpower  Description  Unskilled Labor Backhos, hydraulic, crawlor, 0.61m3  Miscellaneous  Total Components (%)	Unit hr LS	Quantity  42.48 0.59 0.400 Quantity 0.400 0.27	#3/cycle  Lab. 4.5X  #3/hr  #3/cycle  Lab. 100.0X 4.54	Com Mat. B. 4X	Unimponent (Equip. A7. 1%)  E: Eff: Cm: Cyc)  Unimponent (Equip. O. 0% 87. 1%)	t Rate %) For 62.9% clency t Time t Rate %) For 0.0% 52.9%	47. 1%	= 30, 00  Total (PP) 1,740,00  = 0.60 = 30,00  Total (PP) 320,00	3, 21  sec    Labor   184, 01   0, 00   184, 02   4, 5%   1, 84    Labor   128, 00   21, 14   0, 00   149, 14   24, 98	Material C Material 343.48 0.00 3.44 8.45 3.44 0.00 0.00 39.45 0.0	And And And And And And And And And And	25. 59  Unit:	23. 81  100, 00 m  Local 1. 926. 79 19. 27  10, 00 m  Local 128. 00 221. 38 0. 00 349. 38	Total (PP) 4, 089, 00 4, 089, 00 4, 089, 00 1, 00, 00 4, 089, 00 100, 00 40, 90  Total (PP) 128, 00 459, 80 0, 00 597, 80 100, 00 597, 80 100, 00 598, 80	0, 9%
#0105 Item No. R0102-061 #0106 Item No. L020 R0102-061	Q = 3600-q·f-F/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos 0.51m3  Description  Backhos, hydraulic, crawlor, 0.61m3  Miscellaneous  Total Components (%)  Unit Rate Q = 3600-q·f-F/Cm Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos 0.61m3 + Manpower  Description  Unskilled Labor Backhos, hydraulic, crawlor, 0.61m3  Miscellaneous  Total Components (%)  Unit Rate	Unit hr LS	Quantity  42.48 0.59 0.400 Quantity 0.400 0.27	#3/cycle   Lab.   4.5%     #3/hr     #3/cycle     Lab.   4.5%     #3/cycle     #3/c	Com Mat. Com Mat. 0.0% 8.4%	Cn: Cycl Un sponent ( Equip. B7, 1% E: Efff Cn: Cyc) Un: sponent ( Equip. 0.0% 87.1% Uni sponent ( U	t Rate %) For, 52.9% clency t Rate %) Time t Rate %) t Rate %)	Local 100.0% 47.1%	= 30, 00  Total (PP) 1,740,00  = 0.60 = 30.00  Total (PP) 320,00 1,740,00	3, 21  sec  Labor 184, 01 0, 00 183, 01 4, 5% 1, 84  Bec  Labor 121, 14 0, 00 149, 14 24, 9% 14, 52	Material   C   Mate	Anomaponent (PP) Equipment (PP) Equipment (PP) Equipment (PP) S561.52 9.00 3.561.52 67.1% 35.62  Anomaponent (PP) Equipment (PP) Equipment (PP) Equipment (PP) Equipment (PP) Anomaponent (PP) Anomaponent (PP) Anomaponent (PP)	25.89  Unit: unt  Foreign 2.162.21 6.00 2.152.21 52.94 21.63  Unit: unt  Foreign 0.00 248.42 41.63 24.85 24.85	23. 81  100. 00 m  Local 1. 926. 79 0. 00 1. 928. 79 47. 1% 19. 27  10. 00 m  Local 128. 00 221. 38 0. 00 349. 38 68. 4% 34. 95	3    Total (PP)   4.089,00   4.089,00   100,00   4.089,00   100,00   4.089,00   100,00   4.089,00   100,00   4.089,00   100,00   128,00   100,00	0, 9%
F0105  Item No.  R0102-061  F0106  Item No.  L020  F0107  Item No.  L020	Q = 3600-q-f-F/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O. Sim3  Description  Backhos, hydraulic, crawlor, O. Sim3  Miscellaneous  Total Components (%)  Q = 3600-q-f-F/Cm Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O. Sim3 + Manpower, Description  Unskilled Labor  Total Components (%) Whit Rate  Excavation, Clesshell : Backhos  Description  Unskilled Labor  Description	Unit LS  Unit ed  Unit ed	Quantity Quantity Quantity Quantity Quantity Quantity Quantity 0.40 0.27 1.00	#3/cycle   Lab.   4.5%     #3/hr   #3/cycle     Lab.   4.5%     Lab.   100.0%	Con Mat. 0.0% 8.4%	Ca: Cycl  Un  sponent  Equip.  87.1%  E: Effi  Ca: Cyc)  Uni  upopent  Equip.  0.0%  87.1%	t Rate    t Rate	Local 100.0% 47.1%	= 30, 00  Total (PP) 1,740,00  = 0.60 = 30,00  Total (PP) 320,00 1,740,00	3, 21  sec  Labor 184, 01 0, 00 184, 01 4, 5% 1, 84  Bec  Labor 121, 00 149, 14 24, 9% 14, 52	A, 15	Anomaponent (PP) Equipment (PP)	25.89  Unit:  Unit:  Unit:  Unit:  Unit:  Unit:  Unit:  Unit:  Unit:  Unit:  Foreign  0.00  248.42  0.00  248.42  14.65  Unit:  Unit:  Foreign  Unit:	23. 81  100. 00 m  Local 1. 926. 79 17.18 19. 27  10. 00 m  Local 128. 00 128. 00 128. 00 349. 38 34, 25 100. 00 m	3    Total (PP)   4.089,00   6.00   6	0, 0%
#0105 Item No. #0102-061 F0108 Item No. L020 R0102-061 F0107 Item No. L020 C0106-006 R0102-010	Q = 3600-q-f-E/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O, 51m3  Description  Backhos, hydraulic, crawlor, O, 61m3  Miscellaneous  Q = 2600-q-f-E/Ca Q = 2600	Unit LS	Quantity Quantity Quantity Quantity Quantity Quantity Quantity 0.40 0.27 1.00 Quantity 0.90 0.00	m3/cycle Lab. 4.5X  m3/hr m3/cycle Lab. 100.0X 4.5%  Lab. 100.0X 2.9% 10.30	Com Mat. B. 4X	Ca: Cycl  Unimponent ( Equip.  87.1%  F: Effi Ca: Cycl  Unimponent ( Equip.  0.0%  87.1%  Unimponent ( Equip.  Unimponent ( Equip.  Unimponent ( Equip.  Unimponent ( Equip.  Unimponent ( Equip.  Unimponent ( Equip.	t Rate  Time  t Rate  Tor.  52.9%  t Rate  Time  t Rate  Tor.  0.0%  52.9%	Local 100.0% 47.1%	* 30, 00    Total   (PP)   (PP	3, 21  sec  Labor 184, 01 0, 00 184, 01 4, 5% 1, 84  sec  Labor 125, 00 21, 14 24, 9% 14, 92  Labor 320, 00 188, 86 214, 76	Material   C   Mate	42. 04i  Amount (PP) Equipment (PP) Equipment (PP) 3. 561. 52 3. 561. 52 3. 561. 52 3. 561. 52 4. 62 4. 62 4. 62 4. 62 4. 62 4. 62 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 5. 64 5. 65 5	25.89  Unit:  Un	23. 81  100. 00 m  Local 1. 926. 79 0. 00 1. 926, 79 47. 1% 19. 27  10. 00 m  128. 00 221. 38 0. 00 249. 38 68. 4% 34. 95 100. 00 m	3  Total (PP) 4, 089, 00 4, 089, 00 1, 00, 00 1, 00, 00 40, 90  Total (PP) 128, 00 459, 80 0, 00 597, 80 100, 0% 59, 80 100, 0% 59, 80 100, 0% 20, 085, 00 2, 085, 00 2, 085, 00	0.0%
#0105 Item No. #0102-061 F0108 Item No. L020 R0102-061 F0107 Item No. L020 C0106-006 R0102-010	Q = 3600-q-f-F/Ca Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O. 51m3  Description  Backhos, hydraulic, erawlor, O. 61m3  Miscellaneous  Total Components (%)  Q = 3600-q-f-E/Cm Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos, O. 61m3 + Manpower, Description  Unskilled Labor Backhos, hydraulic, crawlor, O. 61m3  Miscellaneous  Total Components (%)  Whit Rate  Excavation, Clemshell + Backhos  Description  Unskilled Labor Clamshell, crawlor, O. 6m3  Backhos, hydraulic, crawlor, O. 6m3  Backhos, hydraulic, crawlor, O. 6m3  Backhos, hydraulic, crawlor, O. 6m3  Backhos, hydraulic, crawlor, O. 6lm3  Miscellaneous  Total  Clamshell, crawlor, O. 6m3  Backhos, hydraulic, crawlor, O. 6lm3  Miscellaneous  Total	Unit LS Unit ed hr LS Unit ed hr	0.34 1.00 Quantity 2.35 1.00 42.48 0.59 1.00 Quantity 0.40 0.27 1.00	m3/cycle Lab. 4.5X  m3/hr m3/cycle Lab. 100.0X 4.5%  Lab. 100.0X 2.9% 10.30	Con Mat. 8. 4X	Ca: Cycl  Un  Equip.  E: Effi Ca: Cycl  Uni  Uni  Uni  Uni  Uni  Uni  Uni  Un	t Rate  1 Rate	Local 100.0% 47.1%	* 30, 00    Total (PP)   1,740,00     * 0,60   30,00   (PP)     Total (PP)   320,00   7,740,00     Total (PP)   320,00   7,740,00	3, 21  sec    Labor   184, 01     184, 01     4, 57     1, 84    500     21, 14     0, 00     149, 14     24, 9%     14, 92     Labor   320, 00     188, 66     214, 76     0, 00     0, 0	A   15	42. 04i  Amosponent (PP) Equipment (PR) Equipment (PR) 3. 561. 52 3. 561. 52 3. 561. 52 4. 62 4. 62 4. 62 4. 62 4. 62 4. 62 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 6. 64 6. 54 6. 65 6. 54 6. 65 6. 54 6. 63 6.	25. 59  Unit:  O 00  3, 799.69  1. 033.75  0, 00	23. 81  100. 00 m  Local 1. 926. 79 0. 00 1. 928, 79 47. 1% 19. 27  10. 00 m  Local 221. 38 0. 221. 38 68. 4% 34. 95 100. 00 m	3  Total (PP) 4, 089, 00 4, 089, 00 4, 089, 00 100, 0% 40, 90  3  Total (PP) 128, 00 459, 80 100, 0% 597, 80 100, 0% 599, 80 3  Total (PP) 320, 00 6, 757, 00 2, 085, 00 9, 00	0, 0%
#0105 1tem No. #0102-061 #0108 Item No. L020 R0102-061 1tem No. L020 C0106-006 R0102-010	Q = 3600-q-f-E/Ca Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhoe O, Sim3  Description  Backhoe, hydraulic, crawler, O, Sim3  Miscellaneous  Components (%)  Unit Bate Q = 3600-q-f-E/Cm Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhoe O, Sim3 + Manpower Description  Unskilled Labor Backhoe, hydraulic, crawler, O, Sim3  Miscellaneous  Total  Components (%)  Unit Bate  Excavation, Clesshell + Backhoe Unskilled Labor Classhell + Backhoe Unskilled Labor Classhell + Capacity Unit Bate  Excavation, Clesshell + Backhoe  Description  Unskilled Labor Classhell - Capacity  Total Components (%)  Unit Bate  Excavation, Clesshell + Backhoe  Description  Unskilled Labor Classhell - Capacity Classhell - Capacity Capacity Classhell - Capacity Capacity Capacity Components (%)	Unit LS	Quantity Quantity Quantity Quantity Quantity Quantity Quantity 0.40 0.27 1.00 Quantity 0.90 0.00	m3/cycle Lab. 4.5X  m3/hr m3/cycle Lab. 100.0X 4.5%  Lab. 100.0X 2.9% 10.30	Con Mat. 8. 4X	Ca: Cycl  Un  Equip.  E: Effi Ca: Cycl  Uni  Uni  Uni  Uni  Uni  Uni  Uni  Un	t Rate  1 Rate	Local 100.0% 47.1%	* 30, 00    Total (PP)   1,740,00     * 0,60   30,00   (PP)     Total (PP)   320,00   7,740,00     Total (PP)   320,00   7,740,00	3, 21  sec    Labor   184, 01     184, 01     4, 57     1, 84    500     21, 14     0, 00     149, 14     149, 14     149, 14     149, 14     149, 14     149, 14     149, 14     149, 16     149, 17     149, 18     140, 18	A   15	Amosponent (FP) Equipment (3, 561, 52) 3, 561, 52 67, 134 35, 52  Amocomponent (FP) Equipment (7P) Equipment (7P) Equipment (7P) Equipment (7P) Equipment (7P) Equipment (7P) Equipment (7P) Equipment (7P) 5, 997, 23 1, 693, 25 1, 69	25. 59  Unit:  Unit:  Foreign 2, 162, 21 52, 94 21, 63 21, 63 21, 63  Unit:  unt  Foreign 0, 00 248, 42 41, 63 24, 95 24, 95 Unit: unt  Foreign 0, 00 248, 42 41, 63 24, 95 41, 63 24, 95 41, 63 24, 95 41, 63 24, 95 41, 63 41, 6	23.81  100.00 m  Local 1.926.79 47.14 19.27  10.00 m  128.00 221.38 0.00 349.38 34.95 100.00 m	3  Total (PP) 4, 089, 00 4, 089, 00 1, 00, 00 4, 089, 00 100, 00 40, 90  3  Total (PP) 128, 00 159, 80 40, 00 597, 80 100, 00 597, 80 30  Total (PP) 320, 00 6, 757, 00 2, 085, 00 9, 162, 00 9, 162, 00 9, 162, 00	0.0%
#0105 Item No. R0102-061 F0108 Item No. L020 R0102-061 F0107 Item No. L020 C0108-006 R0102-010	Q = 3600-q-f-E/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhoe 0.51m3  Description  Backhoe, hydraulic, crawler, 0.61m3  Miscellaneous  Components (%)  Unit Bate  Excavation, Backhoe, 0.91m3  Miscellaneous  G : Standard capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhoe, 0.61m3 + Manpower  Description  Unskilled Labor  Backhoe, hydraulic, crawler, 0.61m3  Miscellaneous  Total  Components (%)  Unit Bate  Excavation, Clesshell + Backhoe  Unskilled Labor  Backhoe, hydraulic, crawler, 0.61m3  Miscellaneous  Total  Components (%)  Unit Bate  Components (%)  Unit Bate  Components (%)  Unit Bate	Unit LS Unit L	Quantity Quantity Quantity Quantity Quantity Quantity Quantity 0.40 0.27 1.00 Quantity 0.90 0.00	m3/cycle Lab. 4.5X  m3/hr m3/cycle Lab. 100.0X 4.5%  Lab. 100.0X 2.9% 10.30	Con Mat. 8. 4X	Ca: Cycl  Un  Equip.  E: Effi Ca: Cycl  Uni  Uni  Uni  Uni  Uni  Uni  Uni  Un	t Rate  1 Rate	Local 100.0% 47.1%	* 30, 00    Total (PP)   1,740,00     * 0,60   30,00   (PP)     Total (PP)   320,00   7,740,00     Total (PP)   320,00   7,740,00	3, 21  sec  Labor 184, 01	Material C Material C O O O O O O O O O O O O O O O O O O	42. 04i  Amosponent (PP) Equipment (PR) Equipment (PR) 3. 561. 52 3. 561. 52 3. 561. 52 4. 62 4. 62 4. 62 4. 62 4. 62 4. 62 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 4. 63 6. 64 6. 54 6. 65 6. 54 6. 65 6. 54 6. 63 6.	25. 59  Unit:  Unit:  Foreign 2, 162, 21 52, 94 21, 63  Unit:  Un	23.81  100.00 m  Local 1.926.79 12.13 19.27  10.00 m  128.00 221.38 0.00 349.38 34.95 100.00 m	3  Total (PP) 4, 089, 00 4, 089, 00 4, 089, 00 100, 0% 40, 90  3  Total (PP) 128, 00 159, 80 459, 80 459, 80 100, 0% 357, 80 100, 0% 358, 80 100, 0% 359, 80 1	0.0%
#0105 11em No. R0102-061 #0108 #0107 1cm No. L020 R0102-061 1cm No. L020 R0102-061 #0107	Q = 3600-q-f-F/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhoe 0.51m3  Description  Backhoe, hydraulic, crawlor, 0.61m3  Miscellaneous  Q = 3600-q-f-E/Cm Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhoe, 0.61m3 + Mangover Description  Unskilled Labor Backhoe, hydraulic, crawlor, 0.61m3  Miscellaneous  Total Components (%)  Unit Bate  Excavation, Clessell + Backhoe  Description  Unskilled Labor Backhoe, hydraulic, crawlor, 0.61m3  Miscellaneous  Total Components (%)  Unit Bate  Excavation, Clessell + Backhoe  Unskilled Labor Clamabell, crawlor, 0.61m3  Miscellaneous  Total Components (%)  Unit Bate  Excavation, Backhoe 0.61m3 + Crawlor Excavation, Backhoe, hydraulic, crawlor, 0.11m3  Miscellaneous  Total Components (%)  Unit Bate	Unit LS Unit L	Quantity 42.48 0.59 1.00  Quantity 0.40 0.27 1.00  Quantity 0.50 0.50 0.50	m3/cycle Lab. 4.5X  m3/hr m3/cycle Lab. 100.0X 4.5%  Lab. 100.0X 2.9% 10.30	Com Mat. 0.0% 8.4%	Cn: Cycl  Un  Sponnent Equip.  87.1%  E: Efff: Ca: Cycl  Un  Un  Un  Un  Un  Un  Un  Un  Un  U	t Rate  t Rate  t Rate  For  52.9%  t lency  Time  t Rate  0.0%  52.9%  t Rate  49.6%	Local 100.0% 47.1%	* 30, 00    Total (PP)   320, 00   1,740, 00      Total (PP)   320, 00   1,740, 00      Total (PP)   320, 00   1,740, 00      Total (PP)   320, 00   1,740, 00      Total (PP)   320, 00   1,740, 00      Total (PP)   320, 00   1,740, 00	3, 21  sec    Labor   184, 01     184, 01     4, 57     1, 84    500     21, 14     0, 00     149, 14     149, 14     149, 14     149, 14     149, 14     149, 14     149, 14     149, 16     149, 17     149, 18     140, 18	### C   C   Material	Amosponent (PP) Equipment 3, 561, 52 3, 561, 52 67, 134 35, 52 67, 134	25.89  Unit:	23.81  100.00 m  Local 1.926.79 47.14 19.27  10.00 m  128.00 221.38 0.00 349.38 34.95 100.00 m	3  Total (PP) 4, 089, 00 4, 089, 00 1, 089, 00 1, 09, 00 40, 90  3  Total (PP) 128, 00 459, 80 0, 00 1597, 80 100, 0% 39, 80 100, 0% 39, 80 100, 0% 39, 80 100, 0% 39, 80 100, 0% 39, 80 100, 0% 39, 80 100, 0% 39, 80 100, 0% 39, 80 100, 0% 39, 80 100, 0% 39, 80 100, 0% 39, 80 100, 0% 39, 80 100, 0% 39, 80 100, 0% 39, 80 100, 0% 31, 60	O. OX  Remarks  O. OX  Remarks
#0105 11em No. R0102-061 #0108 Item No. L020 R0102-061 Item No. L020 Q0108-006 R0102-010 #0108	Q = 3600-q-f-F/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhoe O. 61m3  Description  Backhoe, hydraulic, crawlor, O. 61m3  Miscellaneous  Total Components (%)  Q = 3600-q-f-E/Cm Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhoe, O. 61m3 + Manpower Description  Unskilled Labor Backhoe, hydraulic, crawler, O. 61m3  Miscellaneous  Total Components (%)  Whit Batt  Excavation, Clesshell + Backhoe Description  Unskilled Labor Backhoe, hydraulic, crawler, O. 61m3  Miscellaneous  Total Components (%)  Unit Batt  Excavation, Clesshell + Backhoe Unskilled Labor Clamshell, crawler, O. 6m3 Backhoe, hydraulic, crawler, O. 11m3  Miscellaneous  Total Components (%)  Unit Rate  Excavation, Backhoe O. 61m3 + Crawler Description	Unit LS Unit LS Unit LS Unit Unit Unit Unit Unit Unit Unit Unit	Quantity Quantity Quantity Quantity Quantity Quantity Quantity Quantity Quantity Quantity Quantity Quantity Quantity Quantity	#3/cycle  Lab. 4.5X  #3/hr  #3/cycle  Lab. 100,0X 4.6%  Lab. 100,0X 10.3%	Con Mat. 0.0%, 8.4%	Cn: Cycl  Uni sponant Equip. 87.1%  E: Efff: Ca: Cycl  Uni Good Co. Cy	t Rate  t Rate  t Rate  For.  1 in Rate  t Rate  f Rate  t Rate  f Rate  t Rate  f Rate	47, 13	- 30, 00  Total (PP) 320, 00  Total (PP) 320, 00 1, 740, 00  Total (PP) 320, 00 1, 740, 00  Total (PP) Total (PP) Total (PP) Total (PP) Total (PP) Total (PP)	3, 21  sec    Labor   184, 01   0, 00   184, 91   4, 5%   1, 94     Sec    Labor   128, 00   21, 14   0, 00   149, 14   24, 9%   14, 92     Labor   138, 88   214, 76   0, 00   138, 88   214, 76   0, 00   138, 86   214, 76   0, 00   0,	A, 15  Material 343, 48 0.00 0.00 343, 48 8, 48 3, 48 0.00 0.00 39, 46 0.00 39, 46 0.00 39, 46 0.00 39, 46 0.00 500, 90 177, 23 0.00 500, 90 177, 23 13 13 8, 13 7, 38	Amosponent (FP) Equipment (FP)	25. 59  Unit:  Unit:  Foreign 2. 162. 21 52. 94 21. 63 21.	23.81  100.00 m  Local 1.926.79 12.10 19.27  10.00 m  128.00 221.38 0.00 349.38 34.95 100.00 m	3  Total (PP) 4, 089, 00 4, 089, 00 1, 089, 00 1, 09, 00 4, 089, 00 100, 00 49, 90  3  Total (PP) 128, 00 459, 80 0, 00 1597, 80 100, 0% 597, 80 100, 0% 598, 80 3  Total (PP) 320, 00 6, 757, 00 2, 088, 00 9, 162, 00 100, 0% 91, 60 3  Total (PP)	0.0%
#0105 Item No. R0102-061 #0108 Item No. L020 R0102-061 Item No. L020 Q0106-006 R0102-010 #0108 Item No. R0102-000 R0102-000 R0102-000	Q = 3600-q-f-E/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos 0.51m3  Description  Backhos, hydraulic, crawlor, 0.61m3  Miscellaneous  Q = 3600-q-f-E/Cm Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos 0.61m3 + Manpower Description  Unskilled Labor Backhos, hydraulic, crawlor, 0.61m3  Miscellaneous  Total Components (%)  Whit Bate  Excavation, Clesshell + Backhos Unskilled Labor Clamshell, crawlor, 0.61m3  Miscellaneous  Total Components (%)  Unit Rate  Excavation, Clesshell + Backhos Unit Rate  Excavation, Clesshell + Backhos Unit Rate  Excavation, Backhos 0.61m3  Components (%)  Unit Rate  Excavation, Backhos 0.61m3  Components (%)  Unit Rate  Excavation, Backhos 0.61m3 + Crawlor Description  Description  Backhos, hydraulic, crawlor, 0.61m3	Unit LS Unit L	Quantity Quantity	m3/cycle  Lab. 4.5X  M3/cycle  Lab. 100.0X 2.9% 100.3X	Con- Mat. Con- Mat. Con- Mat. Con- Mat. Con- Mat. Con- Mat. Con- Con- Con- Con- Con- Con- Con- Con-	Cn: Cycl  Unn  poonant. Equip. 87. IX  E : Effica: Ca: Cycl  Uni  poonant. Enuip. 0.0% 67. IX  Uni  poonant. Exit.	t Rate    Trace   Trac	Local 100.0% 47.1%	= 30, 00  Total (PP) 1,740,00  = 0.60 = 30.00  Total (PP) 320,00 1,740.00  Total (PP) 320.00 2,330.00 4,170.00	3, 21  sec    Labor   184, 01   0, 00   184, 01   4, 55, 1, 84    Labor   128, 00   21, 14, 9, 14, 98, 14, 92     Labor   138, 86, 214, 76, 6, 00   138, 86, 214, 76, 7, 33, 62, 6, 08, 7, 33, 62, 6, 08, 7, 33, 62, 6, 08, 7, 33, 62, 6, 08, 7, 33, 64, 21, 6	A, 15    Material   343, 48   0.00   0.00   343, 48   0.00   0.00   39, 46   0.00   39, 46   0.00   0.00   39, 46   0.00	Amosponent (FP) Equipment (3, 561, 52) 3, 561, 52 3, 561, 52 67, 1% 35, 52  Amocomponent (PP) Equipment (PP)	25. 59  Unit:  Unit:  Foreign 2. 162. 21 52. 94 21. 63 22. 63 23. 60	23.81  100.00 m  Local 1.926.79 47.14 19.27  10.00 m  128.00 221.38 0.00 349.38 34.95 100.00 m	3  Total (PP) 4, 089, 00 4, 089, 00 1, 089, 00 1, 099, 00 49, 90  3  Total (PP) 128, 00 459, 80 6, 00 109, 07	O. OX  Remarks  O. OX  Remarks
#0105 Item No. R0102-061 #0108 Item No. L020 R0102-061 Item No. L020 Q0106-006 R0102-010 #0108 Item No. R0102-000 R0102-000 R0102-000	Q = 3600-q-f-E/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O. Sim3  Description  Backhos, hydraulic, crawlor, O. Sim3  Miscellaneous  Q = 3600-q-f-E/Cm Q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos, O. Sim3 + Mangower Description  Unskilled Labor Backhos, hydraulic, crawlor, O. Sim3  Miscellaneous  Total  Components (%)  Whit Rate  Excavation, Clesshell + Backhos  Unskilled Labor Clamshell, crawlor, O. Sim3  Miscellaneous  Total  Components (%)  Unit Rate  Excavation, Clesshell + Backhos  Description  Unskilled Labor  Clamshell, crawlor, O. Sim3  Miscellaneous  Total  Components (%)  Unit Rate  Excavation, Backhos, O. Sim3  Excavation, Backhos, O. Sim3  Doscription  Description  Description  Backhos, hydraulic, crawlor, O. Sim3  Backhos, hydraulic, crawlor, O. Sim3  Backhos, hydraulic, crawlor, O. Sim3  Backhos, hydraulic, crawlor, O. Sim3  Backhos, hydraulic, crawlor, O. Sim3  Backhos, hydraulic, crawlor, O. Sim3  Crawler Drill  Miscellaneous  Total	Unit is unit i	Quantity  Quantity  0.40  Quantity  0.40 0.27 1.00  Quantity  0.40 2.90 0.50 1.00	m3/cycle  Lab. 4.5X  m3/hr m3/cycle  Lob. 100.0X 4.6X  Lob. 100.0X 2.9X 10.3X	Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. S. S. S. S. S. S. S. S. S. S. S. S. S.	Cn: Cycl  Unn  poonant. Equip. 87.1%  E: Effi Ca: Cycl  Uni  poonant. Equip. 0.0% 87.1%  Uni poonant. Equip. Uni poonant. Equip.	t Rate    The control of the control	47, 13	= 30, 00  Total (PP) 1,740,00  = 0.60 = 30.00  Total (PP) 320,00 1,740.00  Total (PP) 320.00 2,330.00 4,170.00  Total (PP) 1,740.00	3, 21  sec    Labor   184, 01   184, 01   4, 5%   1, 94	A, 15  Material  O, 00  34, 48  A, 45  A, 41  Material  O, 00  S, 46  B, 65  B, 65  B, 65  B, 65  B, 75  C  Haterial  O, 00  S, 46  B, 58  B,	Amosponent (FP) Equipment (3, 561, 52 3, 561, 52 3, 561, 52 67, 1% 35, 52  Amocomponent (PP) Equipment (PP)	25. 59    Unit:   Unit:   Unit:   Color   Colo	23.81  100.00 m  Local 1.926.79 12.27  10.00 m  128.00 221.38 0.00 349.38 34.95  100.00 m  128.00 231.38 20.00 349.38 10.00 m	3    Total (PP)   4,089,000   6,089,000   100,	O. OX  Remarks  O. OX  Remarks
#0105 Item No. R0102-061 #0108 Item No. L020 R0102-061 Item No. L020 Q0106-006 R0102-010 #0108 Item No. R0102-000 R0102-000 R0102-000	Q = 3600-q-f-E/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O, Sim3  Description  Backhos, hydraulic, crawlor, O, Sim3  Miscellaneous  Total  Q = 3600-q-f-E/Cal Eals. Q = 1500-q-f-E/Cal Eals. Q = 1500-q-f	Unit LS Unit L	Quantity Quantity	m3/cycle  Lab. 4.5X  m3/hr m3/cycle  Lob. 100.0X 4.6X  Lob. 100.0X 2.9X 10.3X	Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. S. S. S. S. S. S. S. S. S. S. S. S. S.	Cn: Cycl  Unn  poonant. Equip. 87.1%  E: Effi Ca: Cycl  Uni  poonant. Equip. 0.0% 87.1%  Uni poonant. Equip. Uni poonant. Equip.	t Rate    The control of the control	47, 13	= 30, 00  Total (PP) 1,740,00  = 0.60 = 30.00  Total (PP) 320,00 1,740.00  Total (PP) 320.00 2,330.00 4,170.00  Total (PP) 1,740.00	3, 21  sec    Labor   184, 01   0, 00   184, 01   4, 5%   1, 84    Labor   128, 00   21, 14   24, 9%   14, 52   14, 52   14, 52   14, 52   14, 52   16, 00   198, 86   214, 76   0, 00   198, 86   214, 76   0, 00   198, 86   214, 76   0, 00   198, 86   214, 76   0, 00   198, 86	A, 15  Material  C  Material  O, 00  39, 46  B, 45  O, 00  S, 46  B, 65  B, 55  C  Material  O, 00  T, 23  S, 13  T, 38  C, 00  Material  119, 85  O, 00  C,	Amonomous (PP) Equipment (PP)	25. 59  Unit:  On OO	23.81  100.00 m  Local 1.926.79 12.27  10.00 m  128.00 221.38 0.00 349.38 34.95  100.00 m  128.00 231.38 20.00 349.38 10.00 m	3    Total (PP)   4,089,000   6,089,000   100,	O. OX  Remarks  O. OX  Remarks
#0105 Item No. #0102-061 Item No. L020 R0102-061 Item No. L020 R0102-061 #0107 Item No. L020 R0102-061 R0102-061 R0102-061 R0102-061	Q = 3600-q-f-E/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O, Sim3  Description  Backhos, hydraulic, crawlor, O, Sim3  Miscellaneous  Total Q = 3600-q-f-E/Chi Raiks Q = 3600-q-f-	Unit in in in in in in in in in in in in in	Quantity Quantity	m3/cycle  Lab. 4.5X  m3/hr m3/cycle  Lob. 100.0X 4.6X  Lob. 100.0X 2.9X 10.3X	Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. Cor Mat. S. S. S. S. S. S. S. S. S. S. S. S. S.	Cn: Cycl  Unn  poonant. Equip. 87.1%  E: Effi Ca: Cycl  Uni  poonant. Equip. 0.0% 87.1%  Uni poonant. Equip. Uni poonant. Equip.	t Rate    The control of the control	47, 13	= 30, 00  Total (PP) 1,740,00  = 0.60 = 30.00  Total (PP) 320,00 1,740.00  Total (PP) 320.00 2,330.00 4,170.00  Total (PP) 1,740.00	3, 21  sec    Labor   184, 01   184, 01   4, 5%   1, 94	A, 15	Amonoment (PP) Equipment (PP)	25. 59  Unit:  U	23. 81  100, 00 m  Local 1. 926. 79 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	3    Total (PP)   4,089,000   6,089,000   100,	O. OX  Remarks  O. OX  Remarks
#0105 Item No. #0102-061 Item No. L020 R0102-061 Item No. L020 R0102-061 Item No. L020 R0102-061 R0102-061 R0102-061 R0102-061 R0102-061	Q = 3600-q-f-F/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O, Sim3  Description  Backhos, hydraulic, crawlor, O, Sim3  Miscellaneous  Total  Q = 3600-q-f-F/Ca  Q = 1500-q-f-F/Ca  Description  Unskilled Labor  Description  Unskilled Labor  Components (%)  Unit Rate  Excavation, Clesshell + Backhos  Description  Miscellaneous  Total  Components (%)  Unit Rate  Excavation, Backhos 0, Sim3 + Crawler Description  Description  Backhos, hydraulic, crawler, 0, Sim3  Backhos, hydraulic, crawler, 0, Sim3  Components (%)  Unit Rate  Excavation, Backhos 0, Sim3 + Crawler Description  Backhos, hydraulic, crawler, 0, Sim3  Components (%)  Unit Rate  Excavation, Manpoper	Unit is unit i	Quantity  Quantity  Quantity  Quantity  1.00  Quantity  1.00  Quantity  2.90 0.50 1.00  Quantity  Quantity  1.00 2.90 0.50 1.00	m3/cycle  Lab. 4.5X  m3/hr m3/cycle  Lob. 100.0X 4.6X  Lob. 100.0X 2.9X 10.3X	Com Mat	Cn: Cycl  Uni  poonant. Equip. 87. IX  E: Efff. Ca: Cycl  Uni  Uni  Uni  Uni  Uni  Uni  Uni  Un	t Rate    For   Column   Colum	47, 13	30, 00   Total   (PP)   1,740,00   Total   (PP)   320,00   1,740,00   2,330,00   4,170,00   Total   (PP)   1,740,00   1	3, 21  sec    Labor   184, 01   0, 00   184, 01   4, 5%   1, 84    Labor   128, 00   21, 14   24, 9%   14, 52   14, 52   14, 52   14, 52   14, 52   16, 00   198, 86   214, 76   0, 00   198, 86   214, 76   0, 00   198, 86   214, 76   0, 00   198, 86   214, 76   0, 00   198, 86	### C   Material   C	Amount (PP) Equipment	25.89  Unit:  Unit:  Foreign 2.162.21 52.94 62.162 62.95 64.63  Unit:  unt  Foreign 0.00 248.42 41.63 24.85  Unit:  unt  Foreign 0.00 3,799.69 1.03.75 60.00 4.853.41 4.83 48.32  Unit:  unt:  Foreign 0.00 948.50 48.32  Unit:  unt  Foreign 0.00 948.50 96.95	23.81  100.00 m  Local 1.926.79 12.27  10.00 m  128.00 221.38 0.00 349.38 34.95  100.00 m  128.00 231.38 20.00 349.38 10.00 m	3    Total (PP)   4,089,000   6,089,000   100,6%   49,900   100,6%   49,900   100,6%   49,900   100,6%   100,0%	0.0%  Remarks  0.0%  Remarks  0.0%
#0105  Item No.  #0102-061  Item No.  L020  R0102-061  Item No.  L020  R0102-061  Item No.  R0102-010  #0108  Item No.  R0102-010  #0108  Item No.  R0102-010	Q = 3600-q:f-F/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O, Sim3  Description  Backhos, hydraulic, crawlor, O, Sim3  Miscellaneous  Total  Q = 3600-q:f-F/Ca  Q = 1500-q:f-F/Ca  Description  Unskilled Labor  Description  Unskilled Labor  Clampacity (3)  Unit Rate  Excavation, Clesshell + Backhos  Description  Miscellaneous  Total  Components (3)  Unit Rate  Excavation, Backhos 0, Sim3 + Crawler D  Description  Backhos, hydraulic, crawler, 0, Sim3  Backhos, hydraulic, crawler, 0, Sim3  Components (3)  Unit Rate  Excavation, Manpower  Description	Unit  Unit  Unit  Unit  Unit  Unit  Unit  Unit	Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity	m3/cycle  Lab. 4. 5X  m3/hr m3/cycle  Lab. 100. 0X 2. 9X 10. 3X  Lab. 2. 9X 0. 0X	Com Mat. Com	Cn: Cycl  Uni  Donnert  Equip.  E: Efff Cn: Cycl  Cn: Cycl  Uni  Donnert  Equip.  Uni  Donnert  Equip.  Uni  Donnert  Uni  Donnert  Uni  Donnert  Uni  Donnert  Uni  Donnert  Uni  Donnert  Uni  Donnert  Equip.  Uni  Donnert  Equip.	t Rate    For   Congress   Rate	Local Local 47.1%	30, 00   Total (PP)   320, 00   (PP)   320, 00   (70)	3, 21  sec    Labor   184, 01   184, 01   184, 01   184, 01   184	### C	Amonoment (FP) Equipment (FP)	25. 59  Unit:  U	23. 81  100, 00 m  Local 1. 926. 79 1. 928, 79 47, 14 19, 27  10, 00 m  Local 221. 38 0. 00 349, 38 34, 35 100. 00 m  Local 1320. 00 m  Local 1921. 320. 00 4. 328. 56 47, 28 19, 00 m  Local 19, 00 m  Local 19, 00 m  Local 19, 00 m  Local 19, 00 m  Local 19, 00 m	3    Total (PP)	O. OX  Remarks  O. OX  Remarks
#0105 Item No. R0102-061 Item No. L020 R0102-061 #0107 Item No. L020 Q0108-006 R0102-010 W0108 W0108 W0109 Item No. L020 W0108	Q = 3600-q-f-F/Ca q : Excavation capacity per hour q : Standard capacity per cycle f : Volume coefficient  Excavation, Backhos O, Sim3  Description  Backhos, hydraulic, crawlor, O, Sim3  Miscellaneous  Total  Q = 3600-q-f-F/Ca  Q = 1500-q-f-F/Ca  Description  Unskilled Labor  Description  Unskilled Labor  Components (%)  Unit Rate  Excavation, Clesshell + Backhos  Description  Miscellaneous  Total  Components (%)  Unit Rate  Excavation, Backhos 0, Sim3 + Crawler Description  Description  Backhos, hydraulic, crawler, 0, Sim3  Backhos, hydraulic, crawler, 0, Sim3  Components (%)  Unit Rate  Excavation, Backhos 0, Sim3 + Crawler Description  Backhos, hydraulic, crawler, 0, Sim3  Components (%)  Unit Rate  Excavation, Manpoper	Unit is unit i	Quantity  Quantity  Quantity  Quantity  1.00  Quantity  1.00  Quantity  2.90 0.50 1.00  Quantity  Quantity  1.00 2.90 0.50 1.00	m3/cycle  Lab. 4.5X  m3/hr m3/cycle  Lab. 100.0X 4.5%  Lab. 100.0X 2.9% 10.3%	Com Mat. 1 0.0% 8.4%   Com Mat. 1 0.0% 8.4%   Com Mat. 1 0.0% 8.8%   Com Mat. 1 0.0% 8.3% 8.8% 8.8%   Com Mat. 1 0.0% 8.3% 8.8% 8.8% 8.8% 8.8% 8.8% 8.8% 8.8	F: Effication of the control of the	t Rate    For   Congress   Rate	47, 18	* 30, 00  Total (PP) 320, 00  Total (PP) 320, 00 1, 740, 00  Total (PP) 320, 00 1, 740, 00  Total (PP) 1, 740, 00  Total (PP) 1, 740, 00  Total (PP) 1, 740, 00  Total (PP) 1, 740, 00  Total (PP) 1, 740, 00  Total (PP)	3, 21  sec    Labor   184, 01     184, 01     184, 01     184, 01     4, 5%     1, 84     1, 84     1, 84     1, 84     1, 84     1, 84     1, 84     1, 84     1, 84     1, 84     1, 84     1, 84     1, 84     1, 84     1, 84     1, 84     1, 84     1, 84     1, 85     1, 86     1, 14	A, 15  Material 343, 48 0, 00 343, 48 8, 45 3, 44  Material 0, 00 39, 46 6, 68 3, 96  Waterial 11, 98 11, 98 11, 98 11, 98	42.04i  Amosponent (FP) Equipment (17) Equipment (18) 3.561.52 63.561.52 63.7.1% 35.52  Amosponent (PP) Equipment (PP)	25. 59  Unit: unt  Foreign 2. 162. 21 52. 94 21. 63	23.81  100,00 m  Local 1, 826,79 27,19 47,14 19,27  10,00 m  128,00 221,38 23,38 24,38 34,95 100,00 m  100,00 m  100,00 m  100,00 m  100,00 m  100,00 m  100,00 m  100,00 m  100,00 m  100,00 m  100,00 m  100,00 m  100,00 m	3  Total (PP) 4.089,00 4.089,00 4.089,00 1.00,00 4.089,00 40,90   Total (PP) 128.00 459,80 0.00 1597,80 100,0% 597,80 100,0% 128.00 6.757,00 2.085,00 9.00 9.162,00 9.163,00 9	0.0%  Remarks  0.0%  Remarks  0.0%

90111	Disposal of Surplus Soil (backhoe los	ding)				<del></del>	7. d		<del></del>				Unit	100,00	m3	
Item No.	Description	Unit	Quantity	Lab.		pponent Equip	it Rate (%) For,	Local	Total (PP)	Labor	Materia!	Component (Pi Equipment	mount P) Foreign	Local	Total (PP)	Remorks
R0102-061	Backhoe, hydraulic, crawler, 0.61m3 Dumo Truck, 6,0-9.0 cu-vds (4,6-6,9m3)	br	1. 73 10. 31	4, 5%	8, 4%	87.1%	52, 9%	47. 1% 49. 3%	1,740.00 604.00	138.69 628.95	258, 70 J. 114, 68	2,682,51	1,628.56	1, 451, 24 3, 970, 41	3, 079, 80 6, 221, 24	
	Miscellaneous Total	نقا	1,00			12.02	50		304.00	0.00 767.54		0,00	0.00	0.00 4,521.65	0, 00 9, 307, 04	0.0%
	Components (%)	443								8. 2X 7. 68	14.8%	77.64	51.4%	48. 6% 45, 23	100, 0% 93, 10	
L	Q = 3600 · q · f · E/Cm (Backhoe)		FG 6.	اســــــــــــــــــــــــــــــــــــ			Q = q·f·l	/Cm {D	ump Truck)		= 9, 70		47,87	45, 23	93, [0]	
	Q : Excavation Volume per hour q : Excavation Volume per Cycle	:	0. 59	m3/h m3			q : Londi	ing Capac	on Volume per city of a Tru		<b>=</b> 6. 60	m3				
	f : Yolume Coofficient E : Efficiency	:	1, 00 0, 80	)			E : Effic	me Coeff: Miency			= 1.00 = 0.90					
	Cm: Cycle Time	•	30	) sec			Cm: Cycle V : Vehic		A + 2·L/V		■ 0.60 ■ 30,00					
							a : Londi	ng time	ance to Dispo	sel Point	= 0.27 = 5.00					
#0115	Disposal of Surplus Soil (manpower lo	edina)									- 0.00	ne.	Unit:	10,00	<b>-</b> 3	
Item No.	Description	Unit	Quantity		· · ·	Ųn	t Rate		T-t-1				nount			D l .
				Lab.	llat.		For.	Local	Total (PP)	Labor	Material	Component (Pr Equipment	Foreign	Local	Total (FP)	Remarks
R0601-006	Unskilled Lebor Dumb Truck, 6,0-9,0 cu-yds (4,6-6,9m3)	hr	1. 30	10, 1%	0.0% 17.9%	72.0%	0, 0% 50, 7%	100. 0% 49, 3%	320,00 604.00	416, 00 <b>62, 8</b> 3	0.00 111.36	0, 00 447, 93	0.00 315.38	416.00 306.74	416, 00 622, 12	1
	Miscellangous   Otal	LS	1,00							0. 00 478. 83	0,00 111,36	0.00 447,93	315, 38	0. 00 722, 74	0, 00 1, 038, 12	0.0%
	Commonents (X) Unit Rate	m3	<del> </del>	<del>                                     </del>						46. [%] 47. 97]	10. f% 11. [6	43, 1%	30, 4%	69, 5%	1,00, 0%	
							Q : Trans	portatio	omp Truck) on Yolume per	r hour	= 9, 70	m3/hr				
							q : Loadi	ng Capac ne Coeffi	ity of a Tru	ick	= 6.50 = 1.00	£a				
							E : Effic	lency	A + 2-L/V		≠ 0.90 = 0.60					
							V : Vehic	le speed	1 2'1./*		<b>= 30.00</b>	km/hr				
							a : Loadi L : Avera	ng time ge Dista	nce to Dispo	sal Point	= 0, 27 = 5, 00	nr km				
¥0121	Borrow Soil, transported		<del>,</del>										Unica	100,00	m3	
Item No.	Description	Unit	Quantity		Соп	Uni	t Rato		Total			Component (PP Equipment	) Inuoi		Total	Romarks
A)G3Q01	Quarry Royalty (Borrow Soil)	m3	100,00	i.gb. 0.0X	Mat. 100, 0%	Egyip. 0, 0%	For.	Local 100, 6%	(2P) 15, 00	Labor 0.00	Material. 1,500,00	Equipment 0,00		Local 1,500,00	(PP) 1, 500, 00	
R0102-081 R0501-009	Backhoe, hydraulic, crawler, 0.8tm3 Dump Truck, 9.0-12.0 cu-vds (6.9-9.2m3)	hr hr	1.86 7.99	4.5X	8. 4% 17. 8%	87. I% 74, I%	62, 9% 51, 6%	47, 1% 48, 2%	1, 740, 00 757, 00	147, 20 489, 92	274. 78 1, 076. 62	2, 849, 22 4, 461, 89	1, 729, 77 3, 135, 34	1, 541, 43 2, 913, 09	3, 271, 20 6, 048, 43	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Misce laneous	LS	1,00		,,,,,,,	- (1) 1/2	20.02	101 401	707.70	637, 13	0,00	0,00	0.00	0.00	0, 00	0,0%
	Total Components (%)									5.9%	2,851,40 26,4%	67.8%	45.0%	5, 954, 52 65, 0%	10, 819, 63 100, 0%	
L	Q = 3600 n f E/Cm (Backhoe)	m3		<del></del>					mp Truck)	6, 36	28, 46	73, 18	48. 55	59. 44	108.00	
	Q : Excavation Volume per hour q : Excavation Volume per Cycle	:	0, 59	a3/h a3			η: Loadl	ng Capac	n Volume per ity of a Tru	hour iek	= 12, 52 = 9, 00	m3/h# m3				
	f : Volume Coefficient E : Efficiency	•	1.00 0.75				B : Effic	e Coeffi iency			= 1,00 = 0,90					
	Cm: Cycle Time	•		100 .			Cm: Cycle V : Vohic	Time =	A + 2·L/Y		= 0.65 = 30.00	hr km/he				
							n : Loadi	ng time	nco from Qua	~~	= 0. 27 = 5. 70	hr ·				
#0122	Crushed Aggregate, transported						L . 117044		men ilon Ave	,	- 4.10	n.in	Unit:	100,00	-9	
Item No.	Description	Unit				unf	t Rate					An	ount	100,00,1		
Ĺ		211.0	Quantity	Lab.	MB1,	ponent ( Equip.	For.	Local	Total (PP)	Labor	Material	Component (PP Equipment	) Fareigh	Local	Total (PP)	Remarks
M03003 R0102-061	Quarry Royalty (Aggregate)	m3 hr	100.00	0.0%			For.	Local 100.0% 47.1%		Labor 0.00 220, 81		Component (PP Equipment 0,00	)	Loca] 1, 500, 00 2, 312, 15	Total (PP) 1, 500, 00 4, 906, 80	Remarks
M03003 R0102-061 L020	Quarry Royalty (Agerseate) Backhoe, hydraulic, crawler, 0,61m3 Unskilled Labor	,m3	100.00 2,82 3,60	0.0% 4.5% 100,0%	Me1, 100, 0% 8, 4% 0, 0%	0, 0% 87, 1% 0, 0%	For. 0.0% 52.9% 0.0%	100.0% 47.1% 100.0%	(PP) 15,00 1,740.00 320.00	0. 00 220, 81 1, 120, 00	Noterial 1, 500, 00 412, 17 0, 00	Component (PP Equipment 0.00 4,273,82 0.00	foreigh 0,00 2,594.65 0.00	1, 500, 00 2, 312, 15 1, 120, 00	(PP) 1, 500, 00 4, 906, 80 1, 120, 00	Remarks
M03003 R0102-061 L020 R0716-010 R0102-061	Quarry Royalty (Aggregate) Backhoe, hydraulic, crawler, 0.61m3 Unskilled Labor Aggregato Crusher 1001/hr Backhoe, hydraulic, crawler, 0.61m3	,m3 hr md hr hr	100.00 2,82 3,60 2,24 2,82	0.0% 4.5% 100.0% 0.0% 4.5%	Me1, 100, 0% 8, 4% 0, 0% 6, 6% 8, 4%	Equip. 0, 0% 87, 1% 0, 0% 94, 5% 87, 1%	For. 0.0% 52.9% 0.0% 54.1% 52.9%	100.0% 47.1% 100.0% 45.9% 47.1%	(PP) 15,00 1,740,00 320,00 2,700,00 1,740,00	0. 00 220, 81 1, 120, 00 0. 00 220, 81	Material 1,600,00 412.17 0,00 332.64 412.17	Component (PP Fquipment 0,00 4,273,82 0,00 5,715,36 4,273,82	foreigh 0, 00 2, 594, 65, 0, 00 3, 272, 89 2, 594, 65;	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15	(PP) 1, 500, 00 4, 906, 80 1, 120, 00 6, 048, 00 4, 906, 80	Remarks
M03003 R0102-061 L020 R0716-010 R0102-061	Quarry Roysity (Ageregate) Backhoe, hydraulic, crawier, 0,61m3 Unskiled Labop Ageresate Crusher 100t/hr Backhoe, hydraulic, crawier, 0,61m3 Dumo Truck, 6,0-9,9 cu-wds (4,6-6,9m3) Miscellaneus	m3 hr md hr	100.00 2,82 3,60 2,24	0.0% 4.5% 100.0% 0.0% 4.5% 10.1%	Me1, 100, DX 8, 4% 0, 0% 6, 6%	0, 0% 87, 1% 0, 0% 94, 5%	For. 0.0% 52.9% 0.0% 54.1%	100.0% 47.1% 100.0% 45.9%	(PP) 15,00 1,740.00 320.00 2,700.00	0, 00 220, 81 1, 120, 00 0, 00 220, 81 693, 01 126, 72	Macerial 1, 600, 00 412, 17 0, 00 332, 64 412, 17 1, 228, 20 126, 72	Component (PP Fauipment 0, 00 4, 273, 82 0, 00 5, 715, 36 4, 273, 82 4, 940, 24 253, 43	fereigh	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12	(PP) 1, 500, 00 4, 906, 80 1, 120, 00 6, 048, 00 4, 906, 80 6, 861, 44 506, 86	2. 0%
M03003 R0102-061 L020 R0716-010 R0102-061	Quarry Royalty (Agarayato) Backhoe, hydraulic, crawier, 0,61m3 Unskiled Labor Asgregato Crusher (00t/hr Backhoe, hydraulic, crawier, 0,61m3 Damo Truck, 6,0-9,0 cu-wds (4,6-6,9m3) Hiscellaneous Components (3)	m3 hr md hr hr hr	100, 00 2, 82 3, 60 2, 24 2, 82 11, 36	0.0% 4.5% 100.0% 9.0% 4.5% 10.1%	Me1, 100, 0% 8, 4% 0, 0% 6, 6% 8, 4% 17, 9%	Equip. 0, 0% 87, 1% 0, 0% 94, 5% 87, 1% 72, 0%	For. 0.0% 52.9% 0.0% 54.1% 52.9% 50.7%	100.0% 47.1% 100.0% 45.9% 47.1% 49.3%	(PP) 15,00 1,740,00 320,00 2,700,00 1,740,00	0.00 220, 81 1, 120, 00 0, 00 220, 81 693, 01 126, 72 2, 381, 33	Material \$, 600, 00 412, 17 0, 00 132, 64 412, 17 1, 228, 20 126, 72 4, 011, 90 15, 53	Component (PP Fquipment 0, 00 4, 273, 82 0, 00 5, 715, 36 4, 273, 82 4, 940, 24 253, 43 19, 456, 67 75, 3%	Foreigh 0, 00 2, 594, 65 0, 00 3, 272, 89 2, 554, 65 3, 478, 33 202, 74 12, 143, 27 47, 08	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 13, 706, 64 59, 0%	(PP) 1, 500, 00 4, 906, 80 1, 120, 00 6, 048, 00 4, 806, 80 6, 861, 44 606, 86 25, 849, 90 100, 0X	
M03003 R0102-061 L020 R0716-010 R0102-061	Quarry Royalty (Aggreyato) Backhoe, hydraulic, crawler, 0.61m3 Unskilled Labor Asgregato Crusher (100t/hr Backhoe, hydraulic, crawler, 0.61m3 Demo Truck, 6.9-9.0 cu-wds (4.6-6.9m3) Miscellaneous Components (3) Unit Rato Miscellaneous covers the costs for slev	m3 hr md hr hr hr	100.00 2.82 3.50 2.24 2.82 11.36 1.00	0.0% 4.5% 100.0% 9.0% 4.5% 10.1% 25.0%	Mn1, 100, 0% B. 4% D. 0% E. 6% B. 4% 17, 9% 25, 0%	Equip. 0, 0% 87. 1% 0, 0% 94, 5% 87. 1% 72. 0% 50, 0%	For. 0. 0% 52. 9% 0. 0% 54. 1% 52. 9% 54. 1% 50. 7% 40. 0%	100, 0% 47, 1% 100, 0% 45, 9% 47, 1% 49, 3% 60, 0%	(PP) (5, 60 1, 740, 00 320, 00 2, 700, 00 1, 740, 00 604, 00	0, 00 220, 81 1, 120, 00 0, 00 220, 81 693, 01 126, 72 2, 381, 33	Muterial \$, 500, 00 412, 17 0, 00 332, 64 412, 17 1, 228, 20 126, 72 4, 011, 90	Component (PP Fauipment 0, 00 4, 273, 82 0, 00 5, 715, 36 4, 273, 82 4, 274, 24 253, 43 19, 456, 67	fureigh 0, 00 2, 594, 65, 0, 00 3, 272, 89 2, 554, 65; 3, 478, 33 202, 74 12, 143, 27	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12	(PP) 1, 500, 00 4, 906, 80 1, 120, 00 6, 048, 00 4, 906, 80 6, 861, 44 606, 86 25, 849, 90	
M03003 R0102-061 L020 R0716-010 R0102-061	Quarry Royslty (Aggregate) Backhoe, hydraulic, crawler, 0.6(m3 Unskilled Labor Augregate Crusher 100t/hr Backhoe, hydraulic, crawler, 0.61m3 Damo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Miscellaneous  Components (%)  Wiscellaneous  Components (%) Wiscellaneous  Godff (%)  Miscellaneous covers the costs for sleve Q = 3600'm(*f:f/m (Backhoo) Q = 3600'm(*f:f/m (Backhoo) Q = 3600'm(*f:f/m (Backhoo) Q = 3600'm(*f:f/m (Backhoo) Q = 3600'm(*f:f/m (Backhoo)	m3 hr md hr hr hr	100.00 2.82 3.50 2.24 2.82 11.35 1.00	0.0% 4.5% 100,0% 0.0% 4.5% 10.1% 25.0%	Mn1, 100, 0% B. 4% D. 0% E. 6% B. 4% 17, 9% 25, 0%	Equip. 0, 0% 87. 1% 0, 0% 94, 5% 87. 1% 72. 0% 50, 0%	For. 0. 0% 52. 9% 54. 1% 52. 9% 50. 7% 40. 0%	100.0% 47.1% 100.0% 45.9% 47.1% 49.3% 60.0%	(PP) 15.60 1,740.90 320.00 2,700.00 1,740.00 604.00	0. 00 220, 81 1, 120, 00 0. 00 220, 81 693, 01 126, 72 2, 381, 33 9, 24 23, 77	Muterial 1, 600, 00 412. 17 0, 00 332. 64 412. 17 1. 228. 20 126. 72 4, 01, 90 15. 5% 40. 04	Component (PF Equipment 0,00 4,273,82 0,00 5,715,36 4,273,82 4,940,24 253,43 19,456,67 75,3% 194,19	Foreigh 0, 00 2, 594, 65 0, 00 3, 272, 89 2, 554, 65 3, 478, 33 202, 74 12, 143, 27 47, 08	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 13, 706, 64 59, 0%	(PP) 1, 500, 00 4, 906, 80 1, 120, 00 6, 048, 00 4, 806, 80 6, 861, 44 606, 86 25, 849, 90 100, 0X	
M03003 R0102-061 L020 R0716-010 R0102-061	Quarry Royalty (Agereusto) Backhoo, hydraulic, crawler, 0.6(m3 Unskilled Labor Agereato Crusher 100t/hr Backhoo, hydraulic, crawler, 0.51m3 Damo Truck, 6.9-9, 0 cu-wds (4.8-8.9m3) Hircellaneous	m3 hr md hr hr hr	100.00 2.82 3.50 2.24 2.82 11.36 1.00	0.0% 4.5% 100.0% 9.0% 4.5% 10.1% 25.0%	Mn1, 100, 0% B. 4% D. 0% E. 6% B. 4% 17, 9% 25, 0%	Equip. 0, 0% 87, 1% 0, 0% 94, 5% 87, 1% 72, 0% 50, 0%	For. 0. 0% 52. 9% 0. 0% 54. 1% 52. 9% 50. 7% 40. 0% 0 = q · f · E 2 : Trans 1 Trans	190. 0% 47. 1% 100. 0% 45. 9% 47. 1% 49. 3% 80. 0%	(PP) 15.60 1,740.00 320.00 2,700.00 1,740.00 604.00	0. 00 220, 81 1, 120, 00 0. 00 220, 81 693, 01 126, 72 2, 381, 33 9, 24 23, 77	Muterial \$, 600, 00 412.17 0, 00 332.64 412.17 1.228.20 126.72 4.011,90 15.5% 40.04	Component (PF Equipment 0,00 4,273,82 0,00 5,715,36 4,273,82 4,940,24 253,43 19,456,67 75,3% 194,19	Foreigh 0, 00 2, 594, 65 0, 00 3, 272, 89 2, 554, 65 3, 478, 33 202, 74 12, 143, 27 47, 08	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 13, 706, 64 59, 0%	(PP) 1, 500, 00 4, 906, 80 1, 120, 00 6, 048, 00 4, 806, 80 6, 861, 44 606, 86 25, 849, 90 100, 0X	
M03003 R0102-061 L020 R0716-010 R0102-061	Querry Royslty (Agersuste) Backhoe, hydrulic, crewier, 0.51e3 Unskilled Labor Asgresato Crusher 1001/hr Backhoe, hydraulic, crawier, 0.51m3 Dumo Truck, 5.0-9.0 cu-wds (4.5-5.9m3) Hiscellaneous  Comenents (3.5 Hiscellaneous covers the costs for sieve Q = \$600;q;fc/Cm (Backhoe) Q: Excavalion Volume per Cycle	m3 hr md hr hr hr LS	100.00 2.82 3.50 2.24 2.82 11.36 1.00 35.40 0.59 0.59	0.0% 4.5% 109,0% 9.0% 4.5% 10.1% 25.0%	Mn1, 100, 0% B. 4% D. 0% E. 6% B. 4% 17, 9% 25, 0%	Equip. 0, 0% 87. 1% 0, 0% 94. 5% 87. 1% 72. 0% 50, 0%	For.  0.0% 52.9% 0.0% 54.1% 52.9% 40.0% 40.0%	190. 0% 47. 1% 190. 0% 45. 9% 47. 1% 49. 3% 49. 3% 60. 0%  /Cm (Du portation g Capaca g Caefficiency Time = "	(PP) 15.00 1,740.00 320.00 2,700.00 1,740.00 604.00  mp Truck) n Yolume per ity of a Truckiynt A + 2-L/Y	0. 00 220, 81 1, 120, 00 0. 00 220, 81 693, 01 126, 72 2, 381, 33 9, 24 23, 77	Muterial \$,600,00 412,17 0,003 332,64 412,17 1,228,20 1,26,72 4,01,90 15,53 40,04  # 8,80 # 6,90 # 1,00 # 0,90 # 0,00 # 0,00 # 0,00 # 0,00 # 0,00 # 0,00 # 0,00 # 0,00 # 0,00 # 0,00 # 0,00 # 0,00	Component (FF) Fauipment 0, 00 4, 273, 82 0, 00 5, 715, 36 4, 273, 82 4, 940, 24 253, 43 19, 486, 67 75, 3% 194, 19	Foreigh 0, 00 2, 594, 65 0, 00 3, 272, 89 2, 554, 65 3, 478, 33 202, 74 12, 143, 27 47, 08	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 13, 706, 64 59, 0%	(PP) 1, 500, 00 4, 906, 80 1, 120, 00 6, 048, 00 4, 806, 80 6, 861, 44 606, 86 25, 849, 90 100, 0X	
M03003 R0102-061 L020 R0716-010 R0102-061	Quarry Roysity (Agersuste) Backhoe, hydraulic, crawler, 0,61e3 Unskiled Labor Asgragato Crusher 1001/hr Backhoe, hydraulic, crawler, 0,61e3 Dumn Truck, 6,0-9,0 cu-wds (4,6-8,9e3) Hiscellaneous	m3 hr md hr hr hr LS	100.00 2.82 3.50 2.24 2.82 11.36 1.00 35.40 0.59 0.59	0.0% 4.5% 100.0% 9.0% 4.5% 10.1% 25.0%	Mn1, 100, 0% B. 4% D. 0% E. 6% B. 4% 17, 9% 25, 0%	Equip. 0, 0% 87, 1% 0, 0% 94, 5% 87, 1% 72, 0% 50, 0%	For. 0.0% 52.9% 60.0% 54.1% 52.9% 54.1% 52.9% 50.7% 40.0%	190, 0% 47, 1% 190, 0% 45, 9% 47, 1% 49, 3% 60, 0%  /Cm (Duportations Capace Caefficiency Time = Tim	(PP) 15.00 1,740.00 320.00 2,700.00 1,740.00 604.00  mp Truck) n Yolume per ity of a Truckiynt A + 2-L/Y	0. 00 220, 81 1, 120, 00 0. 00 220, 81 693, 01 126, 72 2, 381, 33 9, 24 23, 77	Muterial 1, 600, 00 412. 17 0, 00 332. 64 412. 17 1. 228. 20 126. 72 4. 01 1, 90 15. 5% 40. 04  # 8. 80 # 6. 90 # 1. 00 # 0. 90	Component (FP) Fauipment 0, 00 4, 273, 82 4, 273, 82 4, 940, 24 253, 43 19, 456, 67 194, 19  ma3/hr ma3	Foreigh 0, 00 2, 594, 65 0, 00 3, 272, 89 2, 554, 65 3, 478, 33 202, 74 12, 143, 27 47, 08	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 13, 706, 64 59, 0%	(PP) 1, 500, 00 4, 906, 80 1, 120, 00 6, 048, 00 4, 806, 80 6, 861, 44 606, 86 25, 849, 90 100, 0X	
M03003 R0102-061 L020 R0716-010 R0102-061	Quarry Roysity (Agersuste) Backhoe, hydraulic, crawler, 0,61e3 Unskiled Labor Asgragato Crusher 1001/hr Backhoe, hydraulic, crawler, 0,61e3 Dumn Truck, 6,0-9,0 cu-wds (4,6-8,9e3) Hiscellaneous	m3 hr md hr hr hr LS	100.00 2.82 3.50 2.24 2.82 11.36 1.00 35.40 0.59 0.59	0.0% 4.5% 109,0% 9.0% 4.5% 10.1% 25.0%	Mn1, 100, 0% B. 4% D. 0% E. 6% B. 4% 17, 9% 25, 0%	Equip. 0, 0% 87. 1% 0, 0% 94, 5% 87. 1% 72. 0% 50, 0%	For.  0.0% 52.9% 0.0% 54.1% 52.9% 54.1% 52.9% 40.0%  Q = q·f·E Q : Trans q : Loadif T : Volume E : Effic Ch: Cycle Y : Loadif	190.0% 47.1% 190.0% 45.9% 47.1% 49.3% 60.0%  /Cm (Duportation of Cepace Coefficiency Time = 1 to speed on g time	(PP) 15.00 1,740.00 320.00 2,700.00 1,740.00 604.00  mp Truck) n Yolume per ity of a Truckiynt A + 2-L/Y	0.00 220, 81 1, 120, 00 0.00 220, 81 693, 01 126, 72 2, 381, 33 9, 24 23, 77	Muterial 1, 500, 00 412, 17 0, 00 332, 64 412, 17 1, 228, 20 126, 72 4, 01, 90 15, 5% 40, 04  = 8, 80 = 6, 90 = 0, 60 = 0, 90 = 0, 60 = 30, 00	Component [FF] Fauipment 0, 00 4, 273, 82 4, 074, 82 4, 940, 24 253, 33 19, 456, 67 75, 3% 194, 19	Foreigh 0, 00 2, 594, 65 0, 00 3, 272, 89 2, 554, 65 3, 478, 33 202, 74 12, 143, 27 47, 08	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 13, 706, 64 59, 0%	(PP) 1, 500, 00 4, 906, 80 1, 120, 00 6, 048, 00 4, 806, 80 6, 861, 44 606, 86 25, 849, 90 100, 0X	
M03003 R0102-061 L020 R0716-010 R0102-061	Quarry Roysity (Agersuste) Backhoe, hydraulic, crawler, 0,61e3 Unskiled Labor Asgragato Crusher 1001/hr Backhoe, hydraulic, crawler, 0,61e3 Dumn Truck, 6,0-9,0 cu-wds (4,6-8,9e3) Hiscellaneous	m3 hr md hr hr hr LS	100.00 2.82 3.50 2.24 2.82 11.36 1.00 35.40 0.59 0.59	0.0% 4.5% 109,0% 9.0% 4.5% 10.1% 25.0%	Mn1, 100, 0% B. 4% D. 0% E. 6% B. 4% 17, 9% 25, 0%	Equip. 0. 0% 87. 1% 9. 0% 94. 5% 87. 1% 72. 0% 50. 0%	For. 0.0% 52.9% 0.0% 54.1% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0% 52.9% 52.	190.0% 47.1% 190.0% 45.9% 47.1% 49.3% 60.0%  /Cm (Duportation of Cepace Coefficiency Time = 1 to speed on g time	(PP) (15.00 1,740.00 320.00 2,700.00 1,740.00 604.00  AP Truck) A Volume per ity of a Truc	0.00 220, 81 1, 120, 00 0.00 220, 81 693, 01 126, 72 2, 381, 33 9, 24 23, 77	Muterial  \$,600,00 412,17 0,000 332,64 412,17 1,228,20 126,72 4,01,90 4,01,90  * 8,80 * 6,90 * 1,00 * 0,90 * 0,60 * 30,00 * 0,27	Component (FP Faui prement 0, 0, 00 4, 273, 82 4, 263, 43 19, 456, 67 75, 33 19, 456, 67 75, 34 194 19	Foreign 0.00 2.594.65 0.00 3.272.89 2.594.65 3.478.33 202.74 12.143.27 47.03	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 13, 706, 64 59, 0%	(PP) 1, 569, 00 4, 903, 80 1, 120, 00 6, 048, 00 4, 905, 80 6, 861, 44 605, 86 25, 949, 90 100, 06 258, 00	
M03003 R0102-061 L020 R0718-010 R0102-061 R0601-006	Quarry Roysity (Agersuate) Backhoe, hydraulic, crawler, 0.61e3 Unskilled Labo; Unskilled Labo; Backhoe, hydraulic, crawler, 0.61e3 Backhoe, hydraulic, crawler, 0.61e3 Damo Truck, 6.0-9, 0 cu-wds (4.8-8.9e3) Hiscellaneous  Comenents (%) Unit Rato Hiscellaneous covers the costs for sleve Q = \$600; rf.Cm. (Backhoe) Q: Excavation Volume per hour q: Excavation Volume per Cycle T: Volume Coofficient E: Efficiency Ca: Cycle Time	m3 hr md hr hr hr LS	100.00 2.82 3.50 2.24 2.82 11.36 1.00 35.40 0.59 0.59	0, 0% 4, 6% 100, 0% 9, 0% 4, 6% 10, 1% 25, 0%	Mat. 100, 0% 8, 4% 0, 0% 6, 5% 8, 4% 17, 9% 25, 0%	Equip. 0.0% 87.1% 0.0% 94.5% 94.5% 97.1% 72.0% 50.0%	For. 0.0X 52.9% 0.0% 54.1% 52.9% 54.1% 52.9% 50.7% 40.0%  Q = q·f.E. Q : Transiq : Loadiif : Yolume Fi : Volume Cm: Cycle : Yolume : Vehic : Avera	100.0% 47.1% 47.1% 45.9% 45.9% 47.1% 60.0%  /Ca (Duportations Capacs & Caefficiency Time = 16 speed	(PP) (15.60 ), 740.00 320.00 2, 700.00 1, 740.00 604.00  APD Truck) APD Truck) APD Truck APD Tru	0. 60 220. 81 1, 120. 60 0. 00 220. 81 693. 01 126. 72 2, 381, 33 9, 23 9, 23 77	Nutri   1   1   1   1   1   1   1   1   1	Component (FP Faui prement 0, 0, 00 4, 273, 82 4, 273, 82 4, 283, 43 19, 486, 67 75, 38 194, 19 194 19	Foreign 0.00 2.594.65 0.00 3.272.89 2.594.65 3.478.33 202.74 12.143.27 47.03 121.20	1, 600, 00 2, 312, 15 1, 120, 00 2, 776, 11 2, 312, 15 3, 383, 11 304, 12 13, 706, 54 136, 80	(PP) (1,600,00) (1,900,80) (1,120,00) (6,048,00) (4,605,60) (4,605,60) (4,605,86) (1,00,00) (1,00,00) (1,00,00) (1,00,00) (1,00,00) (1,00,00) (1,00,00) (1,00,00) (1,00,00) (1,00,00) (1,00,00) (1,00,00) (1,00,00) (1,00,00)	
N03003   R0102-061   L020   R0102-061   L020   R0718-010   R0102-061   R0601-006   R0601-006   F0123   Item No.   R0102-061	Quarry Royalty (Agersuate) Backhoe, hydraulic, crawler, 0.5im3 Unskilled Labor Aggressio Crusher 1001/hr Backhoe, hydraulic, crawler, 0.5im3 Damo Truck, 5.6-9.9 curvis (4.5-6.9m3) Hiscollandous    Commontic (3)   Commontic (3)   Unit Rate   Unit Rate   Unit Rate   Unit Rate   Castavalion Volume per Cycle   Excavalion Volume per Cycle   Violume Coefficient   Service Coefficient   Castavalion Volume per Cycle   Castavalion Volume per Cycle   Castavalion Volume per Cycle   Castavalion Volume per Cycle   Castavalion Volume per Cycle   Castavalion Volume per Cycle   Castavalion Volume per Cycle   Castavalion Volume per Cycle   Castavalion Volume per Cycle   Castavalion Volume Pe	m3 hr md hr hr hr LS  m3 es, scr	100.00 2.82 3.65 2.24 2.82 11.38 1.00 35.40 0.59 1.00 0.50 30	0.0% 4.5% 100,0% 0.0% 4.5% 101,1% 25.0% 105.1% 25.0% 105.1% 25.0% 105.1%	Met. 100, 9% 8, 4% 0, 9% 6, 5% 8, 4% 17, 9% 25, 0% Tools.	Equip. 0. 0% 97. 1% 0. 0% 94. 5% 97. 1% 72. 0% 50. 0% etc.	For. 10 Av 1	100.0% 47.1% 100.0% 45.9% 47.1% 49.3% 60.0%  /Cm (Duportations Capace se Coefficiency Time = 16 speed ng time ge Distol	(PP)  15.60 1.74.0 00 320.00 2.700.00 1.740.00 604.00  APD Truck) APD Truck) APD Truck	0. 60 220. 81 1, 120. 60 0. 90 220. 81 693. 91 126. 72 2, 381, 33 9, 23 77 hour ck		Component (FP Fauiment) 0, 00 4, 273, 00 5, 715, 36 4, 273, 82 1, 94, 94, 24 253, 43 19, 456, 67 75, 3% 194, 19 ms/hr km/hr oreign 0.00 2,594.65 0.00 3,272.89 2,594.65 3,478.33 202.74 12,13,20 121,20	i, 600, 00 2, 312, 15 1, 120, 00 2, 776, 11 2, 312, 15 3, 383, 11 304, 12 13, 706, 64 53, 06, 64 136, 80	(PP) (1,600,00 4,905,80 1,120,00 6,148,00 4,905,80 6,148,00 4,905,80 6,181,44 805,81 100,00 258,00	2.0%	
N03003 R0102-061 L020 R0716-010 R0501-006	Quarry Royalty (Agereuate) Backhoe, hydraulic, crawler, 0.6im3 Unskilled Labor Ageresato Crusher 1001/hr Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.6-9.0 cu-wds (4.6-6.9m3) Miscellaneous  Total Community (1) Hiscellaneous Chit Rato Hiscellaneous Q = 3600'q-f'g/Cm (Backhoe) Q : Earavalion Volume per hour q : Earavalion Volume per Cycle T: Volume Coefficient Excevated Soil, transported  Duscription Backhoe, Indraulic, crawler, 0.6im3 Dumo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Miscellaneous	m3 hr md hr hr LS m3 es, son	100.000 2.82 3.50 2.24 2.82 11.35 1.00 35.40 0.59 1.00 0.50 3.54 0.59	0.0% 4.6% 100,0% 0.0% 4.6% 10.1% 25.0% ang. minot m3/h m3	Met. 100.0% 8.4% 9.0% 6.5% 8.4% 17.9% 25.0%	Equip. 0.0% 97.1% 0.0% 94.5% 87.1% 72.0% 50.0%	For. [Act of the control of the cont	100.0% 47.1% 100.0% 45.9% 47.1% 49.3% 60.0%  /Cm (Duportation on Capace Caefficiency Time = 1e speed ge Distant	(PP)  15.60 1.740.00 320.00 2.700.00 1.740.00 504.00 604.00  AP Truck) n Volume per tity of a Truccivnt  A + 2-L/Y  Total (PP)	0. 60 220. 81 1, 120. 60 0. 00 220. 81 122. 72 2, 381, 33 9, 24 23, 77 hour ck		Component (FP Fouriment) 0, 00 4, 273, 82 0, 00 0, 00 5, 715, 36 4, 273, 82 1, 940, 24 253, 43 19, 456, 67 75, 3% 194, 19 194, 19 194 19 195 195 195 195 195 195 195 195 195	Foreign 0.00 2,594.65 0.00 3,272.89 2,594.65 3,478.33 202.74 12,13,20 12,13,20 12,13,20  Unit:	i, 600, 000 2, 312, 165 i, 120, 000 2, 776, 111 2, 312, 157 3, 383, 111 304, 122 13, 706, 53 53, 06, 135 53, 08, 135 54, 135 55, 08, 135 56, 08, 135 57, 135 58, 1	(PP) (1,600,00 4,905,80 1,120,00 6,048,00 4,905,80 6,048,00 4,905,80 6,081,48 805,48 805,48 25,849,90 100,07 255,00	2.0%
N03003   R0102-061   L020   R0102-061   L020   R0718-010   R0102-061   R0601-006   R0601-006   F0123   Item No.   R0102-061	Quarry Royalty (Aggregate) Backhoe, hydraulic, crawler, 0.6im3 Unskilled Labor Aggregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.6-9.0 curvis (4.6-6.9m3) Hiscellansous    Commonsts (3)	m3 hr md hr hr hr hr hr hr hr hr hr hr hr hr hr	100.00 2.82 3.50 2.22 2.82 11.35 11.35 11.35 10.00 35.40 0.56 1.00 0.50 30 0.50 1.77 5.44	0.0% 4.6% 100,0% 0.0% 4.6% 10.1% 25.0% ang. minot m3/h m3	Met. 100, 9% 8, 4% 0, 9% 6, 5% 8, 4% 17, 9% 25, 0% Tools.	Equip. 0. 0% 97. 1% 0. 0% 94. 5% 97. 1% 72. 0% 50. 0% etc.	For. 10 Av 1	100.0% 47.1% 100.0% 45.9% 47.1% 49.3% 60.0%  /Cm (Duportations Capace se Coefficiency Time = 16 speed ng time ge Distol	(PP)  15.60 1.74.0 00 320.00 2.700.00 1.740.00 604.00  APD Truck) APD Truck) APD Truck	0. 60 220. 81 1, 120. 60 0. 00 200. 81 693. 01 126. 72 2, 381, 33 9, 24 23, 77 hour ck		Component (FP Fouriment) 0, 00 4, 273, 82 4, 940, 24 253, 43 19, 456, 67 75, 3% 194, 19 194, 19 194, 19 195, 26 26, 26 26, 26 26, 26 26, 26 26, 26 26, 27 9, 38 194, 19 194, 1	Foreign 0.00 2.594.65 0.00 3.272.89 2.594.65 3.478.33 202.74 12.143.27 47.03 121.20  Unit:	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 13, 705, 64 53, 30, 64 135, 80 100, 60 p	(PP) (1,600,00) (1,900,80) (1,120,00) (1,900,80) (1,900	2.0%
N03003   R0102-061   L020   R0102-061   L020   R0718-010   R0102-061   R0601-006   R0601-006   F0123   Item No.   R0102-061	Quarry Roysity (Agersuste) Backhoe, hydraulic, crawler, 0.51e3 Unskiled Labor Asgrazato Crusher 1001/hr Backhoe, hydraulic, crawler, 0.51m3 Damn Truck, 5.0-9.0 cu-wds (4.6-8.9m3) Hiscellaneous  Comencets (3) Unit Rate Miscellaneous covers the costs for sleve Q = 5600-q·f·f/Cm (Backhoe) Q: Excavalion Volume per hour q: Excavalion Volume per Cycle f: Volume Coefficient Excevated Soi), transported  Description  Backhoe, hydraulic, crawler, 0.61m3 Damn Truck, 5.0-9.0 cu-wds (4.6-6.9m2) Hiscellaneous  Fotal	m3 hr md hr hr hr LS  m3 es, scr	100.00 2.82 3.56 2.22 2.82 11.35 1.00 35.40 0.89 1.00 0.89 3.30 3.30 0.89 1.00 0.89 1.00 0.89 1.00 0.89 1.00	0. 0x 4. 6x 100. 0x 9. 0x 4. 5x 10. 1x 25. 0x ng. minot m3/h m3 sec	Met. 100, 9% 8, 4% 0, 9% 6, 5% 8, 4% 17, 9% 25, 0% Tools.	Equip. 0. 0% 87. 1% 0. 0% 94. 5% 87. 1% 72. 0% 6tc.	For. 10 Av 1	100.0% 47.1% 100.0% 45.9% 47.1% 49.3% 60.0%  /Cm (Duportations Capace Cacffitency Time = Time = Cacffitency Time = Cacffitency 1 time =	(PP) 15.60 1.740.60 320.60 2.700.60 1.740.60 604.60  **Porture of the first of the	0. 60 220. 81 1. 120. 60 0. 00 202. 81 693. 01 126. 72 2. 381. 382 9. 28 23, 17 hour ck		Component (FP Fauinment 0, 0, 00 4, 273, 82 4, 123, 82 4, 123, 83 19.456, 67 75, 3% 194, 19 4, 1	Foreign 0.00 2,594.65 0.00 3,272.89 2,594.65 3,478.33 202.74 12,13,20 12,13,20 12,13,20  Unit:	i, 600, 000 2, 312, 165 i, 120, 000 2, 776, 111 2, 312, 157 3, 383, 111 304, 122 13, 706, 53 53, 06, 135 53, 08, 135 54, 135 55, 08, 135 56, 08, 135 57, 135 58, 1	(PP) (1,600,00 4,905,80 1,120,00 6,048,00 4,905,80 6,881,44 606,84 606,84 606,84 00,05 258,00  Total (PP) 3,070,80 5,285,76 0,00	2.0%
N03003   R0102-061   L020   R0102-061   L020   R0718-010   R0102-061   R0601-006   R0601-006   F0123   Item No.   R0102-061	Quarry Royslty (Agersuste) Backhoe, hydraulic, crawler, 0.51e3 Unskilled Labor Asgregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.51m3 Dame Truck, 5.0-9.0 cu-yds (4.5-8.9e3) Hiscellaneous  Comenents (3) Unit Rate Miscellaneous covers the costs for slove Q = 5600-q-f-f/Cm (Backhoe) Q: Excavalion Volume per hour q: Excavalion Volume per Cycle f: Volume Coefficient Excevated Soil, transported  Description  Backhoe, hydraulic, crawler, 0.61m3 Dame Truck, 5.0-9.0 cu-yds (4.5-6.9m2) Hiscellaneous  Volume Coefficient Components (3) Unit Rate Q = 3600-q-f-f-f/Ca (Backhoe) Q = 5600-q-f-f-f/Ca (Backhoe)	m3 hr md hr hr hr hr hr hr hr hr hr hr hr hr hr	100.00 2.82 3.565 2.242 2.82 11.36 1.00 35.40 0.59 1.00 0.50 30	0. 0% 4. 6% 100. 0% 4. 6% 100. 1% 100.	Met. 100, 9% 8, 4% 0, 9% 6, 5% 8, 4% 17, 9% 25, 0% Tools.	Equip. 0. 0% 97. 1% 0. 0% 97. 1% 0. 0% 97. 1% 0. 0% 97. 1% 0. 0% 97. 1% 0. 0% 97. 1% 0. 0% 97. 1% 0. 0% 97. 1% 0. 0% 97. 1% 0. 0% 97. 1% 0. 0% 97. 1% 72. 0% 97. 1% 72. 0% 97. 1% 72. 0% 97. 1% 72. 0% 97. 1% 72. 0% 97. 1% 72. 0%	For. 0. 0% 52. 9% 0. 0% 52. 9% 0. 0% 54. 1% 52. 9% 60. 7% 40. 0% 60. 7% 40. 0% 60. 7%	190.0% 47.1% 190.0% 45.9% 47.1% 49.3% 80.0%  /Cm (Duportation of Concerning C	(PP) 15.60 1.740.60 320.60 2.700.60 1.740.60 604.60  PD Truck) Total (PP) 1.740.00 604.00	0. 60 220, 81 1, 120, 60 0, 90 202, 81 693, 91 126, 72 2, 91, 32 39, 28 23, 17 hour ck		Component (PF Faui perm) 0, 00 4, 273, 82 1, 93, 84 273, 82 1, 94, 85, 67 75, 38 194, 19  ma3/hr ma4  Am  Component (PF Equi perm) 2, 385, 76 0, 00 5, 104, 25 79, 3% 50, 52	Foreign 0.00 2.594.65 0.00 3.272.89 2.594.65 3.478.33 202.74 12.143.27 47.03 121.20  Unit:	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 13, 705, 64 53, 30, 64 135, 80 100, 60 p	(PP) (1,600,00) (1,900,80) (1,120,00) (1,900,80) (1,900	2.0%
N03003   R0102-061   L020   R0102-061   L020   R0718-010   R0102-061   R0601-006   R0601-006   F0123   Item No.   R0102-061	Quarry Royalty (Aggregate) Backhoe, hydraulic, crawler, 0.6im3 Unskilled Labor Aggregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.9-9, cu-wds (4.6-8.9m3) Mircellaneous  Commonants (3) Unit Rate Miscellaneous covers the costs for sleve Q = 3600-q-f-E/Cm (Backhoe) Q = 3600-q-f-E/Cm (Backhoe) Q = Excavation Volume per hour q: Excavation Volume per Cycle T: Volume Coefficient E: Efficiency Cm: Cycle Time  Excavated Soil, transported  Description Backhoe, hydraulic, crawler, 0.6im3 Damo Tiuck, 6.9-9, cu-wds (4.6-6.9m3) Miscellaneous  Q = 3600-q-f-E/Cm (Backhoe) Q = 3600-q-f-E/Cm (Backhoe) Q = 3600-q-f-E/Cm (Backhoe) Q = 3600-q-f-E/Cm (Backhoe) Q = 3600-q-f-E/Cm (Backhoe) Q = 3600-q-f-E/Cm (Backhoe) Q = 26cavation Volume per hour q: Excavation Volume per hour q: Excavation Volume per Cycle T: Volume Coefficient	m3 hr hr hr hr hr hr hr hr hr hr hr hr hr	100.00 2.82 3.56 2.22 2.82 11.35 1.00 35.40 0.59 1.00 0.50 30 0.50 30	0. 0% 4. 6% 100. 0% 4. 6% 100. 1% 100.	Met. 100, 9% 8, 4% 0, 9% 6, 5% 8, 4% 17, 9% 25, 0% Tools.	Equip. 0.0% 97.1% 97.0% 97.1%	For.  0.0% 52.9% 0.0% 52.9% 0.0% 54.1% 52.9% 40.0% 50.7% 40.0% 50.7% 40.0%  0.0% 60.	100, 0% 47, 1% 100, 0% 47, 1% 100, 0% 45, 9% 47, 1% 15, 9% 49, 3% 80, 0% 100,	(PP) 15.60 1.740.00 320.00 2.700.00 1.740.00 604.00  APD Truck) APD Truck AP	0. 60 220, 81 1, 120, 60 0, 90 202, 81 693, 91 126, 72 2, 91, 32 39, 28 23, 17 hour ck		Component (PF Faui perm) 0, 00 4, 273, 82 1, 93, 84 273, 82 1, 94, 85, 67 75, 38 194, 19  ma3/hr ma4  Am  Component (PF Equi perm) 2, 385, 76 0, 00 5, 104, 25 79, 3% 50, 52	Foreign 0.00 2.594.65 0.00 3.272.89 2.594.65 3.478.33 202.74 12.143.27 47.03 121.20  Unit:	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 13, 705, 64 53, 30, 64 135, 80 100, 00 p	(PP) (1,600,00) (1,900,80) (1,120,00) (1,900,80) (1,900	2.0%
N03003   R0102-061   L020   R0102-061   L020   R0718-010   R0102-061   R0601-006   R0601-006   F0123   Item No.   R0102-061	Quarry Royalty (Aggregate) Backhoe, hydraulic, crawler, 0.6im3 Unskilled Labor Aggregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.6-9.0 cu-wds (4.6-6.9m3) Miscellaneous    Consumer Comments Comm	m3 hr hr hr hr hr hr hr hr hr hr hr hr hr	100.00 2.82 3.56 2.24 2.82 1.135 1.00 35.40 0.59 0.59 30  Quantity 1.77 5.44 1.00 56.64 0.59 1.00 0.80	0. 0% 4. 6% 100. 0% 4. 6% 100. 1% 100.	Met. 100, 9% 8, 4% 0, 9% 6, 5% 8, 4% 17, 9% 25, 0% Tools.	Equip. 0.0% 97.1% 0.0% 97.1% 0.0% 97.1% 0.0% 94.5% 0.0% 94.5% 0.0% 94.5% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0	For.  0.0% 52.9% 0.0% 52.9% 0.0% 54.1% 52.9% 40.0% 50.7% 40.0% 50.7% 40.0%  0.0% 60.	100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 15. 9% 47. 1% 45. 9% 47. 1% 50. 0% 100. 0	(PP) 15.60 1.740.60 320.60 2.700.60 1.740.60 604.60  PP Truck) A + 2-L/Y  Total (PP) 1.740.00 604.00  Touck   Touck   Touck   Total (PP) 1.740.00 604.00	0. 60 220, 81 1, 120, 60 0, 90 202, 81 693, 91 126, 72 2, 91, 32 39, 28 23, 17 hour ck		Component (FF Fauiment) 0, 00 4, 273, 82 4, 90, 80 6 4, 273, 82 4, 90, 82 5, 16, 36 6 4, 273, 82 1, 94 6, 67 75, 3% 194, 19 83/hr hr ks Am Component (FF Equipment 2, 885, 78 79, 3% 50, 50, 50, 48, 25 79, 3% 50, 52 183/hr had an analysis of the component (FF Equipment 2, 885, 78 79, 3% 50, 52 183/hr had an analysis of the component (FF Equipment 2, 885, 78 79, 3% 50, 52 183/hr had an analysis of the component (FF Equipment 2, 885, 78 79, 3% 50, 52 183/hr had an analysis of the component (FF Equipment 2, 885, 78 79, 3% 50, 52 183/hr had an analysis of the component (FF Equipment 2, 885, 78 79, 3% 50, 52 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 78 183/hr had an analysis of the component (FF Equipment 2, 885, 885, 885, 885, 885, 885, 885, 8	Foreign 0.00 2.594.65 0.00 3.272.89 2.594.65 3.478.33 202.74 12.143.27 47.03 121.20  Unit:	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 13, 705, 64 53, 30, 64 135, 80 100, 00 p	(PP) (1,600,00) (1,900,80) (1,120,00) (1,900,80) (1,900	2.0%
N03003   R0102-061   L020   R0102-061   L020   R0718-010   R0102-061   R0601-006   R0601-006   F0123   Item No.   R0102-061	Quarry Royalty (Aggregate) Backhoe, hydraulic, crawler, 0.6im3 Unskilled Labor Aggregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.6-9.0 cu-wds (4.6-6.9m3) Miscellaneous  Josal  Jos	m3 hr hr hr hr hr hr hr hr hr hr hr hr hr	100.00 2.82 3.56 2.24 2.82 1.135 1.00 35.40 0.59 0.59 30  Quantity 1.77 5.44 1.00 56.64 0.59 1.00 0.80	0. 0x 4. 6x 100. 0x 4. 6x 3x 100. 0x 4. 6x 3x 100. 0x 100. 1x 25. 0x 100. 1x 25. 0x 100. 1x 10	Met. 100, 9% 8, 4% 0, 9% 6, 5% 8, 4% 17, 9% 25, 0% Tools.	Equip. 0, 0% 37.1% 72.0% 10.0%	For.  0.0% 52.9% 0.0% 52.9% 0.0% 54.1% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0% 52.9% 50.7% 52.9% 50.7% 52.9% 50.7% 52.9% 50.7% 52.9% 50.7% 52.9% 50.7% 52.9% 50.7%	100.0% 47.1% 100.0% 47.1% 100.0% 47.1% 100.0% 47.1% 100.0%	(PP)  15.60 1.740.60 320.60 2.700.60 1.740.60 604.60  PP Truck)  A + 2-L/Y  Total  (PP) 1.740.00 604.00  Touck of Truck  Total  (PP) 1.740.00 604.00  A + 2-L/Y  A + 2-L/Y  A + 2-L/Y  A + 2-L/Y	0. 60 220. 81 1. 120. 60 0. 00 20. 82 1. 120. 63 1. 120. 72 2. 81 633. 61 2. 32 2. 3		Component (FF Fauinment	Foreign 0.00 2.594.65 0.00 3.272.89 2.594.65 3.478.33 202.74 12.143.27 47.03 121.20  Unit:	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 13, 705, 64 53, 30, 64 135, 80 100, 00 p	(PP) (1,600,00) (1,900,80) (1,120,00) (1,900,80) (1,900	2.0%
#0123 I tan No.  R0102-061 R0102-061 R0102-061 R0601-006	Quarry Royalty (Agarauste) Backhoe, hydraulic, crawler, 0.51m3 Unskiled Labor Asgrazato Crusher 1001/hr Backhoe, hydraulic, crawler, 0.51m3 Dumo Truck, 6.0-9.0 cu-wds (4.6-8.9m3) Hiscellaneous Covers the costs for sleve Quit Rate Wiscellaneous Covers the costs for sleve Quit Rate Wiscellaneous Covers the costs for sleve Quit Extendation Volume per hour quit Extendation Volume per Cycle f: Volume Coefficient Excevated Soil, transported Description Backhoe, hydraulic, cruwler, 0.61m3 Dumo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Hiscellaneous Volume Coefficient Quit Rate Quit Soone, free (Backhoe) Quit Rate Quit Soone, free (Backhoe) Quit Rate Quit Coenoments Quit Rate Quit Coenoments Quit Rate Quit Coenoments Quit Rate Quit Coenoments Quit Rate Quit Coenoments Qui	m3 hr hr hr hr hr hr hr hr hr hr hr hr hr	100.00 2.82 3.56 2.24 2.82 1.135 1.00 35.40 0.59 0.59 30  Quantity 1.77 5.44 1.00 56.64 0.59 1.00 0.80	0. 0x 4. 6x 100. 0x 4. 6x 3x 100. 0x 4. 6x 3x 100. 0x 100. 1x 25. 0x 100. 1x 25. 0x 100. 1x 10	Met. 100, 9% 8, 4% 0, 9% 6, 5% 8, 4% 17, 9% 25, 0% Tools.	Equip. 0, 0% 37.1% 72.0% 10.0%	For.  0.0% 52.9% 0.0% 52.9% 0.0% 54.1% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0% 52.9% 50.7% 52.9% 50.7% 52.9% 50.7% 52.9% 50.7% 52.9% 50.7% 52.9% 50.7% 52.9% 50.7%	100.0% 47.1% 100.0% 47.1% 100.0% 47.1% 100.0% 47.1% 100.0%	(PP) 15.60 1.740.60 320.60 2.700.60 1.740.60 604.60  PP Truck) A + 2-L/Y  Total (PP) 1.740.00 604.00  Touck   Touck   Touck   Total (PP) 1.740.00 604.00	0. 60 220. 81 1. 120. 60 0. 00 20. 82 1. 120. 63 1. 120. 72 2. 81 633. 61 2. 32 2. 3		Component (FF Fauinment	Pareign 0.00 2,594.65, 0.00 3,272.89 2,594.65, 3,478.33 202.74 12,143.77 47.03 121.20  Unit: Dunt 1,628.56 1,665.48 0.00 3,294.21 51,8% 32,971	i, 600, 00 2, 312, 15; i, 120, 00, 2, 775, 11; 2, 312, 15; 3, 383, 11; 304, 12; 13, 766, 53, 0%, 136, 80 196,	(PP) 1, 660, 00 4, 905, 80 1, 120, 90 6, 948, 90 4, 905, 80 6, 981, 44 605, 86 25, 843, 90 1, 90	2.0%
#0123  Tem No.  R0102-061 R0102-061 R0501-006	Quarry Rovelty (Agereuate) Backhoe, hydraulic, crawler, 0.5im3 Unskiled Labor Aggregato Crusher 1001/hr Backhoe, hydraulic, crawler, 0.5im3 Dumo Truck, 5.0-9.0 cu-wds (4.6-5.9m3) Hiscellaneous Course (4.6-5.9m3) Hiscellaneous Course (4.6-5.9m3) Hiscellaneous Course the costs for sieve Q = 3500:q-1.6.7cm (Backhoe) Q: Excavalion Volume per Cycle I: Volume Coefficient Excavation Volume per Cycle Ca: Cycle Time  Excavated Soil, transported  Duscription  Backhoe, hydraulic, crawler, 0.6im3 Dumo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Hiscellaneous Cycle Q = 3500:q-1.6.7cm (Backhoe) Q : Excavation Volume per hour q: Excavation Volume per hour q: Excavation Volume per cycle I: Volume Coefficient E: Efficienty Cs: Cycle Time  Selected Sand, transported	unit	100.00 2.82 3.56 2.22 2.82 11.35 1.00 35.40 0.59 1.00 0.50 30 30 0.50 30 0.50 30 30 0.50 30 30 30 30 30 30 30 30 30 30 30 30 30	0. 0x 4. 6x 100. 0x 4. 6x 3x 100. 0x 4. 6x 3x 100. 0x 100. 1x 25. 0x 100. 1x 25. 0x 100. 1x 10	Mei (100, 0% 8, 4% 8, 4% 17, 9% 17, 9% 17, 9% 18, 4% 17, 9% 17, 9% 18, 4% 17, 9% 17, 9% 18, 4% 17, 9% 18, 4% 17, 9% 18, 4% 17, 9% 18, 4% 17, 9% 18, 4% 17, 9% 18, 4	Equip. 0. 0% 97. 1% 10. 0% 97. 1% 10. 0% 94. 5% 17. 1% 17. 0% 50. 0% etc.	For. 0.0% 52.9% 0.0% 52.9% 0.0% 54.1% 55.9% 50.7% 40.0% 50.7% 40.0% 50.7	100.0% 47.1% 100.0% 47.1% 100.0% 47.1% 100.0% 47.1% 100.0%	(PP) 15.60 1.740.00 320.00 2.700.00 1.740.00 604.00  AP Truck) AP Volume per civent A + 2-L/Y Total (PP) 1.740.00 604.00  Total (PP) 1.740.00 604.00  AP Truck) AP Truck) AP Truck AP T	0. 60 220. 81 1. 120. 60 0. 00 20. 82 1. 120. 63 1. 120. 72 2. 81 633. 61 2. 32 2. 3		Component (FP Fauinment 0, 0, 00 4, 273, 82 4, 940, 253, 43 19, 456, 67 75, 3% 194, 19 4,	Foreign	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 13, 705, 64 53, 30, 64 135, 80 100, 00 p	(PP) (1, 600, 00 (4, 905, 80 (1, 120, 90 (6, 948, 90 (4, 905, 80 (6, 988, 90 (6, 988, 90 (7, 988, 90 (8, 988, 90 (9, 988, 90 (9, 988, 90 (9, 988, 90 (9, 988, 90 (9, 988, 90 (9, 988, 90 (9, 988, 90 (9, 988, 90 (9, 988, 90 (9, 988, 90 (9, 988, 90 (9, 988, 988, 90 (9, 988, 988, 988, 988, 988, 988, 988, 9	2.0% Remarks 0.0%
#0123  Item No.  #0122B  Item No.	Quarry Royalty (Aggregate) Backhoe, hydraulic, crawler, 0.61m3 Unskiled Labor Aggregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.61m3 Dumn Truck, 6.0-9.0 cu-wfs (4.6-6.9m3) Hiscellandous	unit	100.00 2.82 3.50 2.24 2.82 3.50 2.24 2.82 11.35 1.00 35.40 0.89 1.00 0.80 30  Quantity 1.77 5.44 1.00 0.80 30	0. 0x 4. 6x 100. 0x 4. 6x 3x 100. 0x 4. 6x 3x 100. 0x 100. 1x 25. 0x 100. 1x 25. 0x 100. 1x 10	Veri (100, 0%) 8, 4% 17, 9% 25, 0% 100 12, 0% 17, 9% 17, 9% 17, 9% 17, 9% 17, 9% 17, 9% 17, 9% 17, 9% 17, 9% 17, 9% 17, 9% 17, 9% 18, 4% 18, 4% 17, 9% 18, 4% 18, 4% 17, 9% 18, 4% 18, 4% 17, 9% 18, 4% 18, 4% 17, 9% 18, 4% 18, 4% 17, 9% 18, 4% 18, 4% 17, 9% 18, 4% 18, 4% 18, 4% 17, 9% 18, 4% 18, 4% 18, 4% 18, 4% 18, 4% 17, 9% 18, 4	Equip. 0. 0% 97. 1% 10. 0% 97. 1% 10. 0% 94. 5% 10. 0% 94. 5% 10. 0% 10.	For.  0.0% 52.9% 0.0% 52.9% 50.1% 52.9% 50.7% 40.0% 50.7% 40.0%  0 = q·f.E. 2 : Transig 2 : Loadir 1 : Volume 1 : Rate 62.9% 60.7% 62.9% 60.7% 1 : Transig 2 : Loadir 1 : Volume 1 : Rate 6 : Loadir 1 : Volume 1 : Rate 6 : Volume 6 : Volume 6 : Loadir 1 : Averai	100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 10	(PP)  (15.60 1.74.0 00 320.00 2.700.00 1.740.00 604.00  AP Truck) AP Volume per civet  Total (PP) 1.740.00 604.00  Total (PP)  Total (PP)  Total (PP)	0. 60 220. 81 1. 120. 60 0. 00 202. 81 633. 01 633. 01 9. 24 22. 381. 33 9. 24 23. 77  hour ck  Labor 138. 63 0. 00 0. 0		Component (PF Faui prem) 0, 00 4, 273, 82 4, 273, 43 19, 456, 67 75, 33 19, 456, 67 75, 33 19, 456, 67 75, 35, 37 194, 19 19 19 19 19 19 19 19 19 19 19 19 19	Foreign	1, 600, 00	(PP) (1, 650, 00 (4, 905, 80 (1, 120, 90 (6, 048, 90 (6, 048, 90 (6, 048, 90 (6, 048, 90 (7, 048, 90 (	2.0%
#0123 I ten No.  #01228  For 123  I ten No.  #01228  I ten No.	Quarry Royalty (Aggregate) Backhoe, hydraulic, crawler, 0.6im3 Unskilled Labor Aggregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Migcellaneous  Commencias (1)  Commencias (2)  Unit Rite  Wiscellaneous Unit Rite  Gassion q-f-E/Com (Backhoe) Q = 3650-q-f-E/Com (Backhoe) Q : Extevation Volume per Cycle T : Volume Coefficient E: Efficiency Cm: Cycle Time  Excevated Soil, transported  Duscription Backhoe, hydraulic, crawler, 0.6im3 Dumo Truck, 6.0-9.0 cu-wds (4.6-6.9m2) Hiscellaneous Tochnoneous (2)  Commoneous (2) Q : Excevation Volume per Cycle T : Volume Coefficient E: Efficiency Q : Excevation Volume per Cycle T : Volume Coefficient E: Efficiency Cm: Cycle Time  Selected Sand, transported  Duscription  Duscription  Duscription  Duscription  Duscription  Duscription  Duscription  Duscription  Duscription  Duscription  Duscription  Duscription  Duscription  Duscription  Duscription	unit  Unit  Unit  Unit	100.00 2.82 3.56 2.24 2.82 3.56 2.24 2.82 1.35 1.00 35.40 0.69 0.69 1.00 0.50 30  Quantity 1.77 5.44 1.00  56.64 0.59 1.00 0.80 30	0.0% 4.5% 100.0% 9.0% 4.5% 30.1% 25.0% 100.1% 25.0% 100.1% 25.0% 100.1%	Vest, 100, 0% 8, 4% 17, 9% 100, 0% 15, 5% 17, 9% 17, 9% 100, 18, 4% 100, 18, 4% 17, 9% 100, 18, 4% 100, 18, 4% 100, 18, 4% 100, 18, 4% 100, 18, 4% 100, 18, 4% 100, 18, 4% 100, 18, 4% 100, 18, 4% 100, 18,	Equip. 0.0% 37.1% 0.0% 37.1% 0.0% 37.1% 0.0% 37.1% 0.0% 37.1% 0.0% 34.5% 0.0% 34.5% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0	For.  0.0% 52.9% 0.0% 52.9% 0.0% 54.1% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0% 52.9% 50.7% 62.9% 60.7% 62.9% 60.7% 62.9% 60.7% 62.9% 60.7% 62.9% 60.7% 62.9% 60.7% 62.9% 60.7% 62.9% 60.7% 62.9% 60.7%	100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 1	(PP)  Total  (PP)  Total  (PP)  Total  A + 2-L/V  Total  Total  (PP)  Total  (PP)  Total  (PP)  Total  (PP)  Total  (PP)  Total  (PP)	0. 60 220. 81 1. 120. 60 0. 90 0. 20 0. 90 1. 126. 72 2. 381, 33 2. 37 1. 126. 72 2. 381, 33 2. 37 1. 126. 72 2. 381, 33 2. 37 1. 126. 72 2. 381, 33 2. 37 1. 126. 72 2. 381, 382 2. 37 1. 126. 72 2. 381, 382 2. 37 1. 126. 72 2. 382 2. 37 1. 126. 72 2. 382 2. 37 1. 126. 72 2. 382 2.		Component (FP) Equipment  Amm  Component (P) Equipment  2, 82  4, 273, 82  4, 273, 82  4, 273, 83  19, 436, 67  75, 3%  194, 19  **Component (P) Equipment  **Component (P	Foreign 0.00 2.594.65 2.594.65 2.594.65 2.000 3.222.89 2.594.65 3.478.33 202.74 12.143.27 47.03 121.20  Unit: ount Foreign 1.628.56 1.665.86 0.00 3.294.24 51.8% 32.97	1, 500, 00 2, 312, 155 1, 120, 00 2, 775, 11 2, 212, 15 3, 383, 11 304, 12 13, 706, 64 53, 08 135, 08	(PP) 1, 650, 00 4, 905, 80 1, 120, 00 6, 048, 00 4, 905, 80 6, 181, 44 805, 81 805, 84 805, 84 905, 90 100, 05 258, 00  Total (PP) (PP) 80, 707, 80 81, 285, 76 83, 70  Total (PP) 83, 70 83, 70  Total (PP) 1, 500, 60	2.0%
#0123 I tem No.  #0122B  I tem No.  #0128B  I tem No.  #0128B  I tem No.	Quarry Royalty (Aggregate) Backhoe, hydraulic, crawler, 0.6im3 Unskilled Labor Aggregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.0-9.0 cu-wds (4.6-6.9e3) Miscellaneous Joint Commonsts (1)  Kiscellaneous Unit Risc Unit Risc Q = 3600 q f f E/Ca (Backhoe) Q = 3600 q f f E/Ca (Backhoe) G = Stavation Volume per Cycls Excavation Volume per Cycls Excavation Volume per Cycls Excavation Volume per Cycls Dumo Truck, 6.0-9.0 cu-wds (4.6-6.9e3) Hiscellaneous Commonsts (1) Unit Raite Q = 3600 q f E/Ca (Backhoe) Q : Excavation Volume per Cycls Excavation Volume per Cycls Excavation Volume per Cycls Excavation Volume per Cycls Excavation Volume per Cycls Excavation Volume per Cycls Excitation Volume Per Cycls	unit  Unit  Unit  Unit  Unit	100.00 2.82 3.56 2.24 2.82 3.56 2.24 2.82 1.35 1.00 35.40 0.69 0.50 0.50 30  Quantity 1.77 5.44 1.00  56.64 0.59 1.00 0.80 30	0.0% 4.5% 100.0% 9.0% 30.1% 25.0% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1%	Vest. 100, 6% 8. 4% 17. 9% 100, 6% 18. 4% 17. 9% 17. 9% 17. 9% 17. 9% 17. 9% 18. 4% 18. 4% 17. 9% 18. 4% 18	Equip. 0.0% 97.1% 17.2 0% 94.5% 17.1% 17.2 0% 50.0% 94.5% 17.1% 17.2 0% 50.0% 94.5% 17.1% 17.2 0% 17.2	For. 0.0% 52.9% 0.0% 52.9% 0.0% 54.1% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0% 52.9% 50.7% 52.9% 60.7% 62.9% 60.7% 62.9% 60.7% 62.9% 60.7% 62.9% 60.7% 62.9% 60.7% 60.0% 62.9% 60.7%	100. 0% 47. 1% 100. 0% 47. 1% 100. 0%	(PP)  Total  Total  (PP)  Total  Total  (PP)  Total  (PR)	0. 60 220. 81 1. 120. 60 0. 90 0. 90 1. 120. 61 1. 120. 62 1. 120. 63 1. 120.		Component (FP) Fauinment 0, 0, 0, 0 4, 273, 82 4, 940, 24 23, 43 19, 456, 67 75, 3% 194, 19  ma/hr ma  Component (FP) Equipment 2, 662, 76 3, 75	Foreign 0.00 2.594.65 2.594.65 2.594.65 2.000 3.222.89 2.594.65 3.478.33 202.74 12.143.27 47.63 121.20  Unit:  punt  Foreign 1.628.56 0.00 3.294.24 51.8% 32.97  Foreign 0.00 1.996.59 0.00	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 13, 706, 64 53, 0x 135, 80  100, 00 p  Local 1, 451, 24 1, 520, 68 0, 00 3, 071, 32 48, 24 30, 73  1, 500, 00 1, 779, 21 1, 500, 00 1, 779, 21 1, 120, 10	(PP) (1, 650, 00 (4, 905, 80 (1, 120, 00 (6, 048, 00 (4, 905, 80 (6, 181, 44 (805, 80 (100, 05) (258, 00 (100, 05) (	2.0%
#0123  I tem No. R0102-061 R0601-006  #0123  I tem No. R0102-061 R0601-006	Quarry Royalty (Aggregate) Backhoe, hydraulic, crawler, 0.6im3 Unskilled Labor Aggregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Mixcellaneous  Commonging (5)  Unit Rice  Wiscellaneous  Commonging (5)  Unit Rice  Q: Extravalion Volume per hour q: Eneravalion Volume per Cycle f: Volume Coefficient E: Efficiency Cm: Cycle Time  Excevated Soil, transported  Duscription Backhoe, hydraulic, crawler, 0.6im3 Dumo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Hiscellaneous  Commonging (5)  Commonging (5)  Commonging (7)	unit br br br LS	100.00 2.82 3.56 2.24 2.82 3.56 2.24 2.82 1.35 1.00  35.40 0.69 0.69 0.50 30  Quantity 1.77 5.44 1.00  Cuantity 2.77 5.44 1.00  Cuantity 2.77 5.44 1.00  Cuantity 2.77 5.44 1.00  Cuantity 3.69 3.00 3.00 3.00 3.00 3.00 3.00	0.0% 4.5% 100.0% 9.0% 30.1% 25.0% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 10.1% 1	Vest, 100, 6% 8, 4% 17, 9% 100, 6% 18, 4% 100, 6% 18, 4% 100, 6	Equip. 0.0% 97.1% 17.20% 94.5% 17.1% 17.20% 94.5% 17.1% 17.20% 95.0% 17.1% 17.20% 96.0% 17.20% 96.0% 17.20% 96.0% 17.20% 96.0% 17.20% 97.1% 17.20% 97.1% 97.20% 97.20% 97.1% 97.20%	For. 0.0% 52.9% 0.0% 52.9% 0.0% 54.1% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0% 52.9% 50.7% 62.9% 60.7% 60.7	100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 17. 1% 1	(PP)  Total  (PP)	0. 60 220. 81 1. 120. 60 0. 90 20. 81 1. 120. 60 1. 126. 72 2. 381, 332 23, 77  hour ck  Labor 138. 68 31.		Component (FP) Equipment 0, 0, 00 4, 273, 82 0, 0, 0 5, 115, 33 19, 456, 67 75, 33 19, 456, 67 75, 33 19, 456, 67 75, 33 19, 456, 67 75, 33 19, 456, 67 75, 33 19, 456, 67 75, 33 19, 19 194, 19 195 194, 19 195 195 196 196 197 197 197 197 197 197 197 197 197 197	Foreign	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 4, 75, 75, 75, 75, 75, 75, 75, 75, 75, 75	(PP) (1, 650, 00 (4, 905, 80 (1, 120, 00 (6, 048, 00 (4, 905, 80 (6, 181, 44, 805, 84 (805, 81 (805, 8	Remarks 0.0%
#0123  I tem No. R0102-061 R0601-006  #0123  I tem No. R0102-061 R0601-006	Quarry Roysity (Aggregate) Backhoe, hydraulic, crawler, 0.6im3 Unskilled Labor Aggregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Miscellaneous  Comments (1)  Comments (1)  Comments (2)  Kiscellaneous  Chit Race  Comments (2)  Kiscellaneous  Chit Rose  Comments (3)  Kiscellaneous  Chit Rose  Comments (2)  Comments (3)  Kiscellaneous  Chit Rose  Comments (2)  Comments (3)  Comments (4)  Comments (4)  Excavation Volume per Cycle  Comments (3)  Comments (3)  Comments (3)  Comments (3)  Comments (3)  Comments (3)  Comments (3)  Comments (4)  Comments (4)  Comments (5)  Comments (6)  Comments (7)  Comments (	unit  Unit  Unit  Unit  Unit	100.00 2.82 3.50 2.24 2.82 3.50 2.24 2.82 11.35 1.00 35.49 1.00 0.80 30  Quantity 10.00 0.80 30  Quantity 100.00 2.17 3.50 2.17	0.0% 4.5% 100.0% 9.0% 30.1% 25.0% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 10.1% 1	Veri (100, 0%) 8, 4% 17, 9% (25, 0%) 100, 10% (25, 0%) 17, 9% (25, 0%) 17, 9% (26, 0%) 17, 9% (26, 0%) 17, 9% (26, 0%) 17, 9% (26, 0%) 18, 4% (26, 0%) 100, 0%	Equip. 0.0% 97.1% 17.20% 17.1% 17.20% 17.1% 17.20% 17.1% 17.20% 17.1% 17.20% 17	For	100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 10	(PP)  Total (PP)	0. 60 220. 81 1. 120. 60 0. 90 0. 90 1. 126. 72 2. 381, 383 23, 17  hour ck  Labor 138. 69 3. 138 69 40 47 47 47 47 40 47 47 47 47 47 47 47 47 47 47 47 47 47		Component (FP) Equipment 0, 0, 00 4, 273, 82 0, 00 5, 715, 36 4, 273, 82 4, 949, 24 253, 43 19, 456, 67 75, 38 194, 19  may/hr may  Component (FP) Equipment 2, 682, 51 2, 682, 51 2, 682, 51 3, 67 50, 52  may/hr may  component	Foreign 1, 628, 56 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 685, 685 1, 685,	1, 500, 00 2, 312, 15 1, 120, 00 2, 775, 11 2, 312, 15 3, 383, 11 304, 12 4, 53, 0x 135, 80 13	(PP) (1, 650, 00 (4, 905, 80 (1, 120, 00 (6, 048, 00 (4, 905, 80 (6, 181, 44, 605, 86 (85, 86 (25, 849, 90 (90, 05) (258, 00 (90, 05) (90,	2.0%
#0123  I tem No.  R0102-061 R0601-006  #0123  I tem No.  R0102-061 R0601-006	Quarry Roysity (Aggregate) Backhoe, hydraulic, crawler, 0.6im3 Unskilled Labor Asgregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Miscellaneous  Commencias (1)  Commencias (2)  Unit Rite  Wiscellaneous Unit Rite  Wiscellaneous Unit Rite  Wiscellaneous Commencias (2)  Gasourge (1-6.Com (Backhoe)  Q = 36500 q (1-6.Com (Backhoe)  Q : Extravalion Volume per hour  q : Eneravalion Volume per Cycle  Excevated Soil, transported  Description  Backhoe, invariant (1-crawler, 0.6im3) Dumo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Hiscellaneous  Commencias (2)  Commencias (2)  Q : Excevation Volume per Cycle  I : Volume Coefficient  Excevation Volume per Cycle  Excevation Volume per Cycle  Selected Sand, transported  Description  Quarry Royal (v (Sand, Pebbles)) Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Miscellaneous  Total  Commencias (2)  Unit Rite  Lini Rite  Components (2)  Unit Rite	Unit  Unit  Unit  Unit  Unit  A3  br  a4  Unit  Unit  A3  B4  B4  B5  B4  B5  B5  B5  B5  B5  B5	100.00 2.82 3.56 2.24 2.82 3.56 2.24 2.82 1.35 1.00  35.40 0.69 0.50 30  Quantity 1.77 5.44 1.40 0.59 1.00 0.80 30  Quantity 2.77 5.44 1.77 5.44 1.00  Quantity 1.77 5.44 1.00	0.0% 4.5% 100.0% 9.0% 4.5% 10.1% 25.0% 4.5% 10.1%  \$\$ec\$  Lab. 0.0% 4.5% 10.1% \$\$ec\$	Vest. 100, 0% 8, 4% 17, 9% 100, 0% 6, 5% 17, 9% 17, 9% 100, 0% 8, 4% 17, 9% 100, 0% 18, 4% 17, 9% 100, 0% 18, 4% 17, 9% 100, 0	Equip. 0.0% 97.1% 17.20% 94.5% 17.1% 17.20% 50.0% 94.5% 17.1% 17.20% 50.0% 94.5% 17.1% 17.20% 50.0% 94.5% 17.1% 17.20% 94.5% 17.20% 94.5% 17.20% 94.5% 17.20% 97.1% 97.20% 97.20% 97.1% 97.20% 97.	For. 0.0% 52.9% 0.0% 52.9% 0.0% 54.1% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0% 52.9% 50.7% 62.9% 60.7% 60.7	100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 17. 1% 1	(PP)  Total (PP)	0. 60 220. 81 1. 120. 60 0. 90 20. 81 1. 120. 60 1. 126. 72 2. 381, 332 23, 77  hour ck  Labor 138. 68 31.		Component (FP Fauiment O. 0. 0. 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Foreign	1, 600, 00	(PP) (1, 600, 00 (4, 906, 80 (1, 120, 90 (6, 048, 90 (4, 905, 80 (6, 048, 90 (4, 905, 80 (6, 048, 90 (6, 048, 90 (1, 048, 90 (	Remarks 0.0%
#0123 I tem No.  #0122-061 R0601-006  #0123  I tem No.  #0102-061 R0601-006  #0128  I tem No.  R0102-061 R0601-006	Quarry Royalty (Aggregate) Backhoe, hydraulic, crawler, 0.6im3 Unskilled Labor Aggregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Mixcellaneous  Commonging (5)  Unit Rice  Quarry (15/Cm Hiscellaneous Curity Rice Quarry (15/Cm Hiscellaneous Curity Rice Quarry (15/Cm Hiscellaneous Curity Rice Quarry (15/Cm Hiscellaneous Curity Rice Quarry (15/Cm Hiscellaneous Curity Rice Quarry Royalty (15/Cm Backhoe) Quarry Royalty (15/Cm Backhoe) Quarry Royalty (15/Cm Backhoe) Quarry Royalty (15/Cm Backhoe) Quarry Royalty (15/Cm Backhoe) Quarry Royalty (15/Cm Backhoe) Quarry Royalty (15/Cm Backhoe) Quarry Royalty (15/Cm Backhoe) Long Janeous Backhoe, hydraulic, crawler, 0.6im3 Duno Truck, 6.0-9.0 cu-vds (4.6-6.9m3) Hiscellaneous Commongia (15/Cm Backhoe)  Duscription Quarry Royalty (Sand, Pebbles) Backhoe, hydraulic, crawler, 0.6im3 Duno Truck, 6.0-9.0 cu-vds (4.6-6.9m3) Hiscellaneous Luil Rits Luil Rits Luil Rits Luil Rits Luil Rits Luil Rits Luil Rits Luil Rits Luil Rits Luil Rits Luil Rits Luil Rits Luil Rits	Unit  Unit  Unit  Unit  Unit  A3  br  a4  Unit  Unit  A3  B4  B4  B5  B4  B5  B5  B5  B5  B5  B5	100.00 2.82 3.56 2.24 2.82 3.56 2.24 2.82 11.35 1.00 35.40 0.69 0.69 0.50 30  Quantity 1.77 5.44 1.40 0.59 1.00 0.80 30  Quantity 2.17 3.50 2.17 10.16 1.00 0.20 2.17	0.0% 4.5% 100.0% 9.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 25.0% 4.5% 10.1% 20.0% 4.5% 10.0% 10.1% 20.0%	Vest. 100, 0% 8, 4% 17, 9% 100, 0% 6, 5% 17, 9% 17, 9% 100, 0% 8, 4% 17, 9% 100, 0% 18, 4% 17, 9% 100, 0% 18, 4% 17, 9% 100, 0	Equip. 0. 0% 97. 1% 72. 0% 50. 0% 98. 1% 72. 0% 50. 0% 98. 50. 0% 98. 50. 0% 98. 50. 0% 98. 60. 0% 98. 0% 98. 60. 0% 98. 60. 0% 98. 60. 0% 98. 0% 98. 0% 98. 0% 98. 0% 98. 0% 98. 0% 98. 0% 98. 0% 98. 0% 98. 0% 98. 0% 98. 0% 98. 0% 9	For	100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 69.	(PP)  15.60 1.74.00 320.00 2.700.00 1.740.00 604.00  Total (PP) 1.740.00 604.00  Total (PP) 1.740.00 604.00  Total (PP) 1.740.00 604.00  Total (PP) 1.740.00 604.00  Total (PP) 1.740.00 604.00  Total (PP) 1.740.00 604.00	0. 60 220. 81 1. 120. 60 0. 90 0. 90 1. 126. 72 2. 381. 383 23, 17  hour ck  Labor 138. 68 3. 138.		Component (FP) Equipment 0, 0, 00 4, 273, 82 0, 00 5, 715, 36 4, 273, 82 4, 949, 24 253, 43 19, 456, 67 75, 3% 194, 19  may/hr hr km  Component (FP) Equipment 2, 385, 76 5, 0, 00 5, 148, 25 79, 3% 50, 52  may/hr hr km  Component Compone	Foreign 1, 628, 56 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 685, 685 1, 685,	1, 600, 00	(PP) (1, 650, 20) (4, 906, 80) (1, 120, 00) (6, 048, 00) (4, 905, 80) (6, 048, 00) (4, 905, 80) (6, 181, 44) (805, 81, 120, 00) (805, 100, 00	Remarks 0.0%
W0128  F0122-061  F0122-061  F0102-061	Quarry Royalty (Aggregate) Backhoe, hydraulic, crawler, 0.6im3 Unskilled Labor Aggregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Mincellaneous  Commonging (5)  Unit 110.  Wiscellaneous Commonging (5)  Unit 110.  Wiscellaneous Commonging (7)  Quarry Royalty (1)  Excavation Volume per hour  q: Encavation Volume per hour  q: Encavation Volume per hour  g: Efficiency Cm: Cycle Time  Excavated Soil, transported  Description  Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Miscellaneous  Commonging (5)  Q: Excavation Volume per Cycle  T: Volume Coefficient  E: Efficient Volume per Cycle  T: Volume Coefficient  Selected Sand, transported  Description  Quarry Royalty (Sand, Pebbles) Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Miscellaneous  Commonging (5) Backhoe, hydraulic, crawler, 0.6im3 Dumb Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Miscellaneous  Commonging (6) Backhoe, hydraulic, crawler, 0.6im3 Dumb Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Miscellaneous covers the costs for slove  Q: Excavation Volume per hour  Q: Excavation Volume per new (6)  Commonging (7)  Unit Rite  Miscellaneous covers the costs for slove  Q: Excavation Volume per hour  q: Excavation Volume per hour  q: Excavation Volume per hour  q: Excavation Volume per hour  q: Excavation Volume per hour  q: Excavation Volume per hour	Unit  Unit  Unit  Unit  Unit  A3  br  a4  Unit  Unit  A3  B4  B4  B5  B4  B5  B5  B5  B5  B5  B5	100.00 2.82 3.56 2.24 2.82 3.56 2.24 2.82 1.35 1.00 35.40 0.69 0.50 30  Quantity 1.77 5.44 1.00  Cuantity 1.00 0.80 0.80 0.80 0.80 0.80 0.80 0.80	0.0% 4.5% 100.0% 9.0% 4.5% 100.1% 25.0% 100.1% 25.0% 100.1% 25.0% 100.1% 25.0% 100.1% 20.0% 100.0% 1	Vest. 100, 0% 8, 4% 17, 9% 100, 0% 6, 5% 17, 9% 17, 9% 100, 0% 8, 4% 17, 9% 100, 0% 18, 4% 17, 9% 100, 0% 18, 4% 17, 9% 100, 0	Equip. 0.0% 97.1% 17.2 0% 94.5% 17.1% 17.2 0% 94.5% 17.1% 17.2 0% 94.5% 17.1% 17.2 0% 94.5% 17.1% 17.2 0% 94.5% 17.1% 17.2 0%	For. 0.0% 52.9% 0.0% 52.9% 0.0% 54.1% 52.9% 50.7% 40.0% 52.1% 52.9% 50.7% 40.0% 52.9% 50.7% 40.0%  1. Rate 1. Rate 1. Rate 1. Avera 1. Rate 1. Coddir 1. Avera 1. Rate 1. Coddir 1. Avera 1. Rate 1. Coddir 1. Avera 1. Rate 1. Coddir 1. Avera 1. Rate 1. Coddir 1. Coddir 1. Coddir 1. Coddir 1. Coddir 1. Coddir 1. Coddir 1. Vehicle 1. Coddir 1. Coddir 1. Avera 1. Av	100. 0% 47. 1% 100. 0	(PP)  15.60 1.740.60 320.00 2.700.00 1.740.60 604.00  PD Truck)	0. 60 220. 81 1. 120. 60 0. 00 20. 82 1. 120. 72 2. 81 693. 91 2. 38 2. 33 9. 24 2. 38 1. 33 1. 86 0. 00 1. 33 1. 86 0. 00 1. 34 1. 47 1. 48 1. 47 1. 48 1. 49 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 189. 80 65. 23 2. 144. 86 12. 93 12. 144. 86 12. 144.		Component (FP Fauinment 0, 0, 00 4, 273, 82 4, 940, 4253, 43 19, 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 79, 3% 194, 19 456, 67 79, 3% 194, 19 456, 67 79, 3% 194, 19 456, 67 1% 194, 19 456, 1	Foreign 1, 628, 56 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 685, 685 1, 685,	1, 600, 00	(PP) (1, 650, 20) (4, 906, 80) (1, 120, 00) (6, 048, 00) (4, 905, 80) (6, 048, 00) (4, 905, 80) (6, 181, 44) (805, 81, 120, 00) (805, 100, 00	Remarks 0.0%
#0123  I tem No.  #0128  I tem No.  #0128  I tem No.  #0128  I tem No.  #0128  I tem No.  #0128  I tem No.	Quarry Royalty (Aggregate) Backhoe, hydraulic, crawler, 0.61m3 Unskilled Labor Aggregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.61m3 Damo Truck, 6.6-9.0 curvis (4.6-6.9m3) Hiscellaneous  Guarry Royalty  Gaschoe, hydraulic, crawler, 0.61m3 Commonants (7)  Wiscellaneous covers the costs for sleve Q = 3600*q*f*[70m (Backhoe) Q: Exavation Volume per Cycle T: Volume Coefficient Exception  Backhoe, lavdraulic, crawler, 0.61m3 Damo Truck, 6.0-9.0 curvis (4.6-6.9m3) Hiscellaneous  Gommonents (%) Q: Exception Volume per Cycle T: Volume Coefficient Exception Volume per Cycle T: Volume Coefficient Exception Volume per Cycle T: Volume Coefficient Exception  Guarry Royalty (Sand, Pebbles) Backhoe, hydraulic, crawler, 0.61m3 Damo Truck, 6.0-9.0 curvis (4.6-6.9m3) Hiscellaneous Exception  Guarry Royalty (Sand, Pebbles) Backhoe, hydraulic, crawler, 0.61m3 Damo Truck, 6.0-9.0 curvis (4.6-6.9m3) Miscellaneous  Total Components (%) Unit Rate Q = 3600*q*f*[6.7m] Components (%) Unit Rate Q = 3600*q*[7.6.7m] Gaschhoe, hydraulic, crawler, 0.61m3 Damo Truck, 6.0-9.0 curvis (4.6-6.9m3) Miscellaneous  Total Components (%) Unit Rate Q = 3600*q*[7.6.7m] Gaschhoe, bydraulic, crawler, 0.61m3 Damo Truck, 6.0-9.0 curvis (4.6-6.9m3) Miscellaneous  O = 3600*q*[7.6.7m] Gaschhoe, bydraulic, crawler, 0.61m3 Damo Truck, 6.0-9.0 curvis (4.6-6.9m3) Miscellaneous  O = 3600*q*[7.6.7m] Gaschhoe, bydraulic, crawler, 0.61m3 Damo Truck, 6.0-9.0 curvis (4.6-6.9m3) Miscellaneous  O = 3600*q*[7.6.7m] Gaschhoe, bydraulic, crawler, 0.61m3 Damo Truck, 6.0-9.0 curvis (4.6-6.9m3) Miscellaneous  O = 3600*q*[7.6.7m] Gaschhoe, bydraulic, crawler, 0.61m3 Damo Truck, 6.0-9.0 curvis (4.6-6.9m3) Miscellaneous  O = 3600*q*[7.6.7m] Gaschhoe, bydraulic, crawler, 0.61m3  O = 3600*q*[7.6.7m] Gaschhoe, bydraulic, crawler, 0.61m3  O = 3600*q*[7.6.7m] Gaschhoe, bydraulic, crawler, 0.61m3  O = 3600*q*[7.6.7m] Gaschhoe, bydraulic, crawler, 0.61m3	Unit  Unit  Unit  Unit  Unit  A3  br  a4  Unit  Unit  A3  B4  B4  B5  B4  B5  B5  B5  B5  B5  B5	100.00 2.82 3.56 2.24 2.82 3.56 2.24 2.82 1.35 1.00  35.40 0.69 0.50 30  Quantity 1.77 5.44 1.00  Cuantity 1.00 0.80 0.80 0.80 0.80 0.80 0.80 0.80	0.0% 4.5% 100.0% 9.0% 4.5% 10.1% 25.0% 10.1%  sec  Lab. 0.0% 4.5% 10.1%  sec  Lab. 0.0% 4.5% 10.0% 4.5% 10.0% 4.5% 10.0% 4.5% 10.0% 4.5% 10.0% 4.5% 10.0% 4.5% 10.0% 4.5% 10.0% 4.5% 10.0%	Vest. 100, 0% 8, 4% 17, 9% 100, 0% 6, 5% 17, 9% 17, 9% 100, 0% 8, 4% 17, 9% 100, 0% 18, 4% 17, 9% 100, 0% 18, 4% 17, 9% 100, 0	Equip. 0.0% 91.1% 17.2 0% 17.1% 17.2 0% 17.1% 17.2 0% 17.1% 17.2 0% 17.1% 17.2 0% 17.2	For.   Canada   Canad	100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 1	(PP)  15.60 1.740.60 320.00 2.700.00 1.740.60 604.00  PD Truck)	0. 60 220. 81 1. 120. 60 0. 00 20. 82 1. 120. 72 2. 81 693. 91 2. 38 2. 33 9. 24 2. 38 1. 33 1. 86 0. 00 1. 33 1. 86 0. 00 1. 34 1. 47 1. 48 1. 47 1. 48 1. 49 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 189. 80 65. 23 2. 144. 86 12. 93 12. 144. 86 12. 144.		Component (FP Fauinment 0, 0, 00 4, 273, 82 4, 940, 4253, 43 19, 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 75, 3% 194, 19 456, 67 79, 3% 194, 19 456, 67 79, 3% 194, 19 456, 67 79, 3% 194, 19 456, 67 1% 194, 19 456, 1	Foreign 1, 628, 56 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 685, 685 1, 685,	1, 600, 00	(PP) (1, 650, 20) (4, 906, 80) (1, 120, 00) (6, 048, 00) (4, 905, 80) (6, 048, 00) (4, 905, 80) (6, 181, 44) (805, 81, 120, 00) (805, 100, 00	Remarks 0.0%
#0123  I tem No.  #0128  I tem No.  #0128  I tem No.  #0128  I tem No.  #0128  I tem No.  #0128  I tem No.	Quarry Royalty (Aggregate) Backhoe, hydraulic, crawler, 0.6im3 Unskilled Labor Aggregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Mincellaneous  Commonging (5)  Unit 110.  Wiscellaneous Commonging (5)  Unit 110.  Wiscellaneous Commonging (7)  Quarry Royalty (1)  Excavation Volume per hour  q: Encavation Volume per hour  q: Encavation Volume per hour  g: Efficiency Cm: Cycle Time  Excavated Soil, transported  Description  Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Miscellaneous  Commonging (5)  Q: Excavation Volume per Cycle  T: Volume Coefficient  E: Efficient Volume per Cycle  T: Volume Coefficient  Selected Sand, transported  Description  Quarry Royalty (Sand, Pebbles) Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Miscellaneous  Commonging (5) Backhoe, hydraulic, crawler, 0.6im3 Dumb Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Miscellaneous  Commonging (6) Backhoe, hydraulic, crawler, 0.6im3 Dumb Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Miscellaneous covers the costs for slove  Q: Excavation Volume per hour  Q: Excavation Volume per new (6)  Commonging (7)  Unit Rite  Miscellaneous covers the costs for slove  Q: Excavation Volume per hour  q: Excavation Volume per hour  q: Excavation Volume per hour  q: Excavation Volume per hour  q: Excavation Volume per hour  q: Excavation Volume per hour	Unit  Unit  Unit  Unit  Unit  A3  br  a4  Unit  Unit  A3  B4  B4  B5  B4  B5  B5  B5  B5  B5  B5	100.00 2.82 3.56 2.24 2.82 3.56 2.24 2.82 1.35 1.00  35.40 0.69 0.50 30  Quantity 1.77 5.44 1.00  Cuantity 1.00 0.80 0.80 0.80 0.80 0.80 0.80 0.80	0.0% 4.5% 100.0% 9.0% 4.5% 100.1% 25.0% 100.1% 25.0% 100.1% 25.0% 100.1% 25.0% 100.1% 20.0% 100.0% 1	Vest. 100, 0% 8, 4% 17, 9% 100, 0% 6, 5% 17, 9% 17, 9% 100, 0% 8, 4% 17, 9% 100, 0% 18, 4% 17, 9% 100, 0% 18, 4% 17, 9% 100, 0	Equip. 6.0% 37.1% 72.0% 50.0% 94.5% 10.0% 94.5% 10.0% 94.5% 10.0% 94.5% 10.0% 94.5% 10.0%	For	100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 100	(PP)  15.60 1.740.00 320.00 2.700.00 1.740.00 2.700.00 1.740.00 604.00  PD Truck) Total (PP) 1.740.00 604.00  Total (PP) 1.740.00 604.00  Total (PP) 1.740.00 604.00  Total (PP) 1.740.00 604.00  Total (PP) 1.740.00 604.00	0. 60 220. 81 1. 120. 60 0. 00 20. 82 1. 120. 72 2. 81 693. 91 2. 38 2. 33 9. 24 2. 38 1. 33 1. 86 0. 00 1. 33 1. 86 0. 00 1. 34 1. 47 1. 48 1. 47 1. 48 1. 49 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 1. 120. 00 189. 91 189. 80 65. 23 2. 144. 86 12. 93 12. 144. 86 12. 144.		Component (FP Faul pment   Component   Com	Foreign 1, 628, 56 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 685, 685 1, 685,	1, 600, 00	(PP) (1, 650, 20) (4, 906, 80) (1, 120, 00) (6, 048, 00) (4, 905, 80) (6, 048, 00) (4, 905, 80) (6, 181, 44) (805, 81, 120, 00) (805, 100, 00	Remarks 0.0%
#0123  I tem No.  #0128  I tem No.  #0128  I tem No.  #0128  I tem No.  #0128  I tem No.  #0128  I tem No.	Quarry Royalty (Aggregate) Backhoe, hydraulic, crawler, 0.6im3 Unskilled Labor Aggregate Crusher 1001/hr Backhoe, hydraulic, crawler, 0.6im3 Damo Truck, 6.6-9.0 cu-wds (4.6-6.9m3) Mincellaneous  Commonguts (%)  Unitation  Wiscellaneous Charles of Greek (%)  Wiscellaneous Charles of Greek (%)  Unitation  Wiscellaneous Charles of Greek (%)  Unitation  Wiscellaneous Charles (%)  Unitation  Wiscellaneous Charles (%)  Unitation  Backhoe Coefficient  Excavation Volume per bour  Greek (%)  Excavation Volume per bour  Greek (%)  Backhoe Indraulic, crawler, 0.6im3 Damo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Miscellaneous  Commonsus (%)  Unitation  Description  Salected Sand, transported  Description  Salected Sand, transported  Description  Control Volume per Cycle  F. Yolume Coefficient  Excavation Volume per Cycle  F. Yolume Coefficient  Salected Sand, transported  Description  Quarry Royalty (Sand, Pebbles) Backhoe, hydraulic, crawler, 0.6im3 Dumo Truck, 6.0-9.0 cu-wds (4.6-6.9m3) Miscellaneous covers the costs for siove  Q: Excavation Volume per hour  Gregation Commonsus (%)  Unit Rute  Unit Rute  Unit Rute  Unit Rute  One ponents (%)  Unit Rute  Components (%)  Unit Rute  Components (%)  Unit Rute  One Salected Sand, transported  Components (%)  Unit Rute  One Salected Sand, transported  Components (%)  Unit Rute  Unit Rute  One Salected Sand, transported  Components (%)  Unit Rute  C	Unit  Unit  Unit  Unit  Unit  A3  br  a4  Unit  Unit  A3  B4  B4  B5  B4  B5  B5  B5  B5  B5  B5	100.00 2.82 3.56 2.24 2.82 3.56 2.24 2.82 1.35 1.00  35.40 0.69 0.50 30  Quantity 1.77 5.44 1.00  Cuantity 1.00 0.80 0.80 0.80 0.80 0.80 0.80 0.80	0.0% 4.5% 100.0% 9.0% 4.5% 10.1% 25.0% 10.1%  sec  Lab. 0.0% 4.5% 10.1%  sec  Lab. 0.0% 4.5% 10.0% 4.5% 10.0% 4.5% 10.0% 4.5% 10.0% 4.5% 10.0% 4.5% 10.0% 4.5% 10.0% 4.5% 10.0% 4.5% 10.0%	Vest. 100, 0% 8, 4% 17, 9% 100, 0% 6, 5% 17, 9% 17, 9% 100, 0% 8, 4% 17, 9% 100, 0% 18, 4% 17, 9% 100, 0% 18, 4% 17, 9% 100, 0	Equip. 0.0% 97.1% 72.0% 94.5% 71.1% 72.0% 94.5% 71.1% 72.0% 94.5% 71.1% 72.0% 94.5% 71.1% 72.0% 94.5%	For	100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 47. 1% 100. 0% 10	(PP)  15.60 1.740.00 320.00 2.700.00 1.740.00 2.700.00 1.740.00 604.00  PD Truck) Total (PP) 1.740.00 604.00  Total (PP) 1.740.00 604.00  Total (PP) 1.740.00 604.00  Total (PP) 1.740.00 604.00  Total (PP) 1.740.00 604.00	0. 60 220. 81 1. 120. 60 0. 00 200. 81 1. 120. 630. 631. 631. 631. 631. 631. 631. 631. 631		Component (FP Faul press)  - 194	Foreign 1, 628, 56 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 665, 68 1, 685, 685 1, 685,	1, 600, 00	(PP) (1, 650, 20) (4, 906, 80) (1, 120, 00) (6, 048, 00) (4, 905, 80) (6, 048, 00) (4, 905, 80) (6, 181, 44) (805, 81, 120, 00) (805, 100, 00	Remarks 0.0%

Cosponent | Equip. | 9% | 0,0% | 87, 1% | 0,0% | 87, 1% | 72, 0% | 50,0% | Gravel/Stone, transported Amount Component (PP) Item No. Quantity Remarks Description Unit Foreign 0,00 Total Corr | Lab. | Max. | 1 0.0% | 100.0% | 4.5% | 8.4% | 100.0% | 0.0% | 4.5% | 8.4% | 10.1% | 17.9% | 20.0% | 30.0% Labor Haterial
0.00 1,800.00
220.81 412.17
1,120.00 0,00
220.81 412.17
693.01 1,228.20
77.18 115.77
2,331.80 3,668.31 Local 100, 0X 47, 1% 100, 0X 47, 1% 49, 3% Total (PP) 1,500,00 4,908,80 1,120,00 4,906,80 6,861,44 385,90 (PF) 15.00 1,740.00 Quarry Royalty (Gravel/Scome)
Backhoe, hydraultc, crawler, 0.61m3
Unskilled Labor
Backhoe, hydraultc, crawler, 0.61m3
Duno Truck, 6.0-9.0 cu-vds (4.6-6.9m3)
Miscellaneous

Total 100, 00 2, 82 3, 50 2, 82 11, 36 1, 00 1,500,00 2,312,16 1,120,00 2,312,15 3,383,11 M03004 R0102-061 0. 0% 52. 9% 0. 0% 62. 9% 50. 7% 40. 0% 0, 00 2, 594, 65 0, 00 2, 594, 65 3, 478, 33 154, 36 8, 821, 99 0.00 4,273.82 4,940,24 192, 95 13, 660, 63 Components (%)
Unit Rate Unit Rate
Miscellaneous covers the costs for sions,
Q = 3800-q·f-E/Cm (Backhoe)
Q: Excavation Volume per hour
q: Excavation Volume per Cycle
F: Volume Coefficient
E: Efficient
Cm: Cycle Time washing, minor tools, etc. Q = q-f-E/Cn (Dump Truck)
Q: Transportation Volume per hour
q: Loading Capacity of a Truck
f: Volume Coefficiant
E: Efficiency
Cn: Cycle Time = A + 2-L/V
V: Vehicle speed = 8,80 m3/hr = 5.90 m3 = 1,00 = 0.90 = 0.60 hr = 30,00 km/hr = 0,27 hr = 5.00 km 35. 4 m3/h Q, 59 m3 1. 00 0, 50 30 sec u : Loading time L : Average Distance from Quarry Backfill A W0131 Unit: \_100.00 m2 | Amount | Compdent | (PP) | | Material | Equipment | Fo | 292, 32 | 3,031.08 | Unit Raye

Component (%)

Lab. Mat. Equip. For. Local

4.5% 8.4% 87.1% 52.9% 47.1% Total (PP) Total (PP) 3, 480. 00 Fareign 1, 840, 18 Labor 158, 60 Local 1, 639, 82 R0102-061 Backhoe, hydraulic, crawler, 0.6km3 Tractor, crawler w/dozer (Bulldozer, 15t) 2, 00 hr 2, 693, 27 hг 2.00 3. 0X 7.8% 89, 2% 53.6% 46, 4% 2, 700, 00 162, 00 421, 20 4, 816, 80 2,506,73 5, 400, 00 Miscellaneous 0, 00 713, 52 8, 0% 7, 14 0, 00 7, 847, 88 86, 4% 78, 48 0, 00 4, 148, 56 46, 7% 41, 47 I.S 1.00 0.00 318.60 0.0% Total Components (%)
Unit Rate Backfill B 100.00 m3 W0132 Unit Unit Rate Component ( t. Equip. . 0% 0. 0% . 4% 87. 3% Item No. Description Unit Quantity Total Total Remarks Equipment 0.00 4.243.51 Foreign 0.00 2,576.25 Unakilled Lebor
Backhoo, hydraulic. crawler. 0.61m3
Tractor, crawler w/dozor (Bulldozor, 15t)
Plate Competor,
Vigration Rammor, 6in
Miscellaneous

Total

Components (C) Lab. Mat. 100.0% 0.0% 4.5% 8.4% Local 100. 0% 47, 1% (PP) 320, 00 1, 740, 00 Material 0.00 409, 25 L020 1.72 nd hr R0102-061 52.9% 4, 872, 00 219. 24 2, 295, 76 89, 2% 53. 6% 46. 4% 2, 700.00 97. 20 262, 72 2, 890, 08 l, 735. 96 1, 504, 04 3, 240. 00 RG101-015 hr 1. 20 3, 0% 7. 8% 2, 002, 65 22, 39 0, 00 9, (58, 83 82, 24 91, 26 1, 367, 75 26, 40 0, 00 5, 706, 36 51, 2% 56, 86 1, 065, 85 17, 84 0, 00 5, 433, 88 48, 8% 2, 433. 60 44. 24 0, 00 11, 140. 24 100, 0% 17. 7% 49. 4% R0307-000 R0306-006 3, 12 0, 28 0.0% 0.0% 82.3% 50.6% 56, 2% 59, 7% 43.8% 40.3% 780.00 158.00 0. 00 0. 00 430.75 21.85 0.0% Components (%)
Unit Rate **5**3 F0133 Backfill C 100, 00 m Total (PP) 1, 376, 00 Component (N)

Equip For.

0N 0.0X 0.0X
4X 87.1X 52.9%
7% 82.3% 55.24
4% 50.6% 59.7% 1 com No. Description Uni t Quantit Loca) 1,376,00 £020 Unskilled Labor Backhoe, hydraulic, crawler, O.Gim3 Plate Compactor Vibration Rammer, Gin 584. 64 1, 076. 87 54, 64 4. 5% 0. 0% 0. 0% 8, 4% 17, 7% 48, 4% 52.9% 56.2% 59.7% 47. 1% 43. 8% 40. 3% 1,740.00 780.00 158.00 313, 20 0, 00 0, 00 6, 062, 16 5, 007, 13 55, 96 3, 680. 35 3, 419, 36 66, 00 R0102-081 R0306-006 Miscellaneous LS 0.0% fotal Components (%)
Unit Rate Unit Rate

Component (3)

Wat. Equip. For.
02 0.03, 50, 00, 50, 53

8. 43, 47, 1%, 52, 98

49, 47, 80 Backfill D 100,00 m3 T0134 Component (P)
Equipment
0.00 Unit Material 0.00 Stem No. Description Quantity Total Remarks Unakilled Lebor
Backhoe, hydraulic, crawler, 0.51m3
Plate Compactor
Vibration Rammer, 5in
Wiscellaneous
Total
Communants (%) Foreign 0.00 (PP) 2. 240. 0 (PP) 320, 00 1, 740, 00 780, 00 158, 00 1,020 0, 00 876, 96 1, 164, 48 646, 36 0, 00 2, 527, 80 0. 00 5, 520, 53 3, 507, 04 660, 02 R0102-061 2, 240, 00 4, 919, 47 2, 732, 96 445, 98 0, 00 10, 338, 41 0, 00 20, 026, 00 100, 0X 200, 00 0.0% 0, 00 9, 687, 59 Components Unit Rate Backfill, Manpower + Compactor 10, 00 m<sup>3</sup> 10135 | Unit Rate | Component (%) | Lab. | Mat. | Equip. | For. | 100.0% | 0.0% | 0.0% | 0.0% | Component (PP) Total (PP) 320.00 608. 00 Local 608, 00 Local 100.09 L020 Unskilled Labor R0307-000 Plate Compactor R0308-006 Vibration Rammer, 6in md day day LS 0.00 0.0% 0.0% 0.0% 17.7% 82.3% 55.2% 49.4% 50.6% 59.7% 0. 0% 0. 0% 43. 8% 780.00 168.00 0.00 22, 09 21, 07 70, 14 25, 46 54. 66 17. 20 124. 80 42. 66 Vibration Remains
Miscellangous
Total 3.00 0.00 775,46 0.0% Components (%)
Unit Bate Filling & Laying, bulldozer 15t Unit: 100, 00 m3 F0141 Description Component (PP Item No. Unit Quantity Component (%)
Lab. Mat. Equip. For Local Total Romarks Material R0101-015 Tractor, crawler \*/dozer (Bulldozer (PP) Labor Equipment. foreign Local (PP) 1.02 2, 456, 57 1, 278, 43 hr 3. 0X 7. 8% 89. 2% 33. 6¥ 46.4% 2, 700, 00 82. 62 1. 475. 57 2, 754. 00 214.81 Miscellaneous Q: Filling Volume per hour E: Efficiency D: Layer thickness 98 m3/hr 0, 80 0, 250 m W0142 Filling & Laying, bulldozer 21t Unit: 100,00 m3 Unit Ratw
Component (%)
Lab. Met. Equip. For. Local Item No. Description Unit Quantity Total Total Remarks (PP) Haterial (PP) Tractor, crawler w/dozer (Bulldozer, 0.71 ROLO1-021 2, 953. 60 hr 1.6% B. (%) 90. 3% 4, 160, 00 47. 28 2, 567, 10 1, 350, 64 64.3% 45, 7% 239, 24 1,602.90 Ziti Miscellaneous LS 1, 00 0, 00 , 350, 64 0.0% Total Total
Combonents (%)
Unit Rate
Q = 10·E·(18·D + 13)
Q: Filling Volume per hour
E: Efficiency
D: Layer thickness 140 m3/hr 0.80 0.250 m Compaction, bulldozer 16t 10145 Unit: 100, Q0 m3 Unit Race mount Description Item No. Unit Quantity Remarks Component (%)
Mat. Equip. For. Local Tractor, crawler w/dozor (Bulldozer R0101-015 hr 0.89 3.0% 7.8% 89.2% 53, 6% 46, 4% 2, 700, D 72.09 187.43 2, 143, 48 1.287.50 1, 145, 50 2, 403, 00 0.00. 1.267. F 0.00 187, 43 7.8% Miscellaneous LS 1.00 0.00 0.00 0, 00 1, 115, 50 0, 00 0,0% Total 2, 403, Companents (%) Unit Race Q = V-W-D-E/N
Q : Compaction Volume per hour
Y : Compaction spead
W : Effective compaction width D : Layer thickness E : Efficiency N : Number of Compaction 0.250 m = 0.80 = 5 times

0. 800 m

Item No.	Compaction, bulldozer 21t			η			.i. D			ı			Unit:	100,00 m	3 ,	
	Description	Unit	Quantity	Lab,	Co	mponent Leguip.	nit Rate (%) For,	Local	Total (PP)	Lahor	Co	Amou ompanent (PP) Equipment I	Foreign	Logal	Total (PP)	Remarks
R0101-021	2117	hr	0.63						4, 150, 00	41, 93	212.28	2, 366, 58	1, 422, 35	t, 198. 46	2, 620. 80	
	Miscellangous Total	LS	1.00				<u> </u>	<del> </del>		0.00 11,93	0.00 212,28	2, 366, 58	0.00 (,422.35)	0.00 (, 196, 45	0, 00 2, 620, 80	0.0%
	Components (%) Unit Rate	m3								1. 56 0, 42	8.1% 2.12	90, 3% 23, 66	54. 3% (4. 22	45, 7% 11, 98	100, 04 26, 20	
	Q = V-W-D-E/N Q: Compaction Yolume per hour Y: Compaction speed W: Effective compaction width	:		#3/hr #/hr #s			E : Eff		ness Ompaction	0.250 m = 0.80 = 4 tim	e <b>s</b>		Unit:	100, 00 m		_
TO147	Compaction, tire roller 8~20t  Description	Unit	Quantity	- "	Co	L) mponent	it Rate		Tatel		Co	Amou		100.00 m		Remarks
	C. T. C. Brand		ļ	Lab.	Mat.	Equip.	For.	Local	(PP)		laterial	Equipment	Foreign	Local	Total (PP)	action to
R0304-016	16t Miscellaneous	hr LS	0.63 (.00		8.0%	87.6%	52, TY	47, 3%	1, 970, 90	45, 94 0, 00	63. 53 0, 00	914, 63 0, 00	550, 54 0, 00	493. 66 0. 00	1, 044, (0	0.0%
	Total Components (%)									45, 94 4, 4%	83, 53 8, 0%	914.63 87.6%	550, 54 52, 7%	493, 56 47, 3%	], 044, 10 100. 0%	
<u> </u>	Q = V-W-D-E/N	_m3_	L	نــــــــــا			1		<u> </u>	0.46	0, 83	9,11	5.48	4, 92	10, 40	
	Q : Compaction Volume per hour V : Compaction speed	-		m3/hr m∕hr			E : Eff	er thickr	n#85 ompaction	0,250 m = 0.60 = 6 tim						
	W : Effective compaction width  Compaction, tamper	•	1.000	a			N · Ruja	OBT DI CC	impac L LON	- 0 616	v•		. Unit:	t0.00 m	ı	
Item No.	Description	Dnit	Quantity	$\vdash$	Co	Ur mponent	it Rate		Total		Co	Amou mpohelit (PP)		10.00 8	Total	Remarks
L020	linskilled Labor	nd .	0, 30	{.ab, 100, 01		Equip.	For.	Local 100.0%	(PP) 320, 60	1.abor 1 98,00	laterial 0.00	Equipment 0.00	Foreign 0.00	Local 96, 00	(PP) 96, 00	
	Vibration Rammar, Sin Plata Compactor	day day	0, 27 0, 80	0.0%	49, 4% 17, 7%	50.6%	89.7X		168, 00 780, 00		21.07 110.45	21.59 513.55	25. 46 350. 70	17. 20 273. 30	42, 66 624, 00	
	Miscellaneous Total	LŞ	1.00	-			<u> </u>	<u> </u>		96.00	0.00 (31,52 17.2%	0.00 535,14 70.2%	0.00 376.16	386, 50	762.66	0.0%
	Components (%) Unit Raise	m3	<del> </del>	t		<del></del>		<u> </u>		9.60	13.16	53. 54	49. 3% 37, 63	50, 7% 38, 67	100, 04 76, 30	
T0149	Filling, Laying & Compaction, bulldon	er 21t		Ţ		(1)	it Rate					Amou	Unit:	t00.00 m		·
Iten No.	Description	Unit	Quantity	Lab,	Co Mai,	mponent Equip.	(v) For	Local	Tate! (PP)	Labot k	Co later(a)	mponent (CP) Equipment	Foreign	Local	Total (PP)	Remarks
MOTOR DES	Tractor, crawler w/deser (Bu)ldeser, [211]	hr	1, 35	1.6%	H. 174				4, 160, 00	89. 86	454, 90	5, 071, 25	3, 047, 89	2, 568. 13	5, 616, 00	
	Miscellangous Total	LS	1,00				<b></b>			0, 00 89, 86 1, 6%	0,00 454,90 8,1%	0. 00 5, 07 1. 25	0, 00 3, 047, 89	0.00 2,569.[]	0.00 5.616.00	0.0%
	Components (%)   Unit Rate   Q = QtxQ2/(Qt+Q2)	#13	74. 12				<u> </u>			0.90	4,55	90, 3% 50, 75	54, 3% 30, 50	46, 7k 25, 70	100, 0% 56, 20	
	QI = V-W-D-E/N QI : Compaction Volume per hour	•		m3/hr					£ · ([8 · D + 13)   Ling Volume		= 140.00 m3	/hr				
	V : Compaction spend W : Effective compaction width	-	3, 500 0, 900	ne/hr				E : Effi	ciency r thickness	, (iuu)	■ G. 80 O. 250 m	· · · ·				
	D : Layer thickness E : Efficiency	=	0, 250 0, 800	<b>F</b> 5												
	N : Number of Compaction	-		t iaes				•								
	Filling, Laying & Compaction, bulldoze	l	<u> </u>				it Rate					Amou	Unit;	100.00 m3		
Izen No.	Description	Unit	Quantity	Lab.	Ν <u>ə</u> τ,	Equip.	For.	Loca)	Total (PP)		ateria	npopent (PP) Equipment	Foreign.	Local	Total (PP)	Romarks
K0101-010	Tractor, crawler w/dozer (Bulldozer, 15t) Miscellaneous	hr	1.91 1.00	3, 0%	7.8%	89.2%	53.6%	46, 4%	2,700.00	154.7L 0,00	402. 25 0. 00	4, 600, 04 0, 00	2, 763. 07 0. 00	2, 393, 93 0, 00	6, 157, 00	0.0%
	Total Components (%)						=			154,71 3. 0X	402.25 7.8%	4, 600, 04 89, 2%	2, 763, 07 53, 6%	2, 393, 93 46, 4%	5, 157, 00 100, 0%	
	Q = Q1xQ2/(Q1+Q2)	m3	82.27	a3/hr						1, 55	4.02	46, 03	27, 65	23, 95	51.60	
	Q1 = V-W-D-E/N Q1 : Compaction Volume per hour		112					Q2 = (0·	E+{13+D + 9}							
	Y : Compaction speed			m3/hr				V2 : F11	ling Valume p	per hour	= 98.00 a3	/hr				
	W : Effective compaction width	:	3, 503 0, 800	m/h2° M	٠			E : Effi	ling Valume p	per hour	■ 98,00 a3, ■ 0.80 0.250 m	/hr				
	D : Leyer thickness E : Efficiency		3, 500 0, 800 0, 250 0, 800	m/hr M				E : Effi	ling Valume p	per hour	< 0.80	/hr				
	D: Layer thickness F: Efficiency N: Number of Compaction		3, 500 0, 800 0, 250 0, 800	m/hz: M M	٠			E : Effi	ling Valume p	per hour	< 0.80	/hr	Unit:	400, 00 m2		
	D : Leyer thickness E : Efficiency	Unit	3, 500 0, 800 0, 250 0, 800	m/hr m timos		ponent		E : Effi D : Laye	ling Volume p ciency r thickness		< 0.80 0,250 m	Amoun		100,00 =2	Total	Romarks
	D: Layer thickness E: Efficiency N: Number of Compaction Slope Formation by Bulldozer Description	end	3, 500 0, 800 0, 250 0, 800 5	m/hr m times Lab.	Hat. 6.0%	Equip.	For. 0.0%	E : Effi D : Laye	ling Volume potency or thickness Total (PP) 576,00		< 0.80 0,250 m	Amount (PP) Equipment 0.00	Foreign 0.00	Local 57, 60	Total (PP) 57.60	Remarks
11em No.	D: Layer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulldozer  Description  Foreman Unskilled Labor Tractor, crewler w/dozer (Bulldozer,		3, 500 0, 800 0, 250 0, 800 5	m/hr m times Lab.	Mat.	nponent Equip. 0.0% 0.0%	(%) For. 0.0% 6.0%	E : Effi D : Laye Locs] 100,0%	ling Volume p ciency r thickness Total (PP)	Labor M	< 0.80 0.250 m	Amoun mpohent (PP) Equipment	Foreign	Local	Total (PP)	Romarks
#015]   Item No.   L002   L020   R0101-015	D: Layer thickness E: Efficiency N: Number of Compaction  Slone Formation by Bulldozer  Description  Foreman Unskilled Labor Tractor, crewler w/dozer (Bulldozer, 15t) Miscellsneous	nd end	3,500 0,800 0,250 0,800 5 Quantity 0,10 0,40	m/hr m times Lab. 100,0% 100,0%	Hat. 0.0% 0.0%	nponent Equip. 0.0% 0.0%	(%) For. 0.0% 6.0%	E : Effi D : Laye Locs] 100,0%	ling Volume pricency or thickness  Total (PP) 576,00 320.00	1.abor H 57.60 128.00 113.4D 0.00	Consterial 0,00 0,00 294,84 0,00	Amount (PP) Enulpment 0.00 0.00 3,371.76	Foreign 0, 00 0, 00 2, 025, 29 0, 00	[.ocs] 57, 50 128, 00 1, 754, 71 0, 00	Tota! (PP) 57. 60 128. 00 3, 780. 90 0. 00	Remarks
#015]   Item No.   L002   L020   R0101-015	D: Leyer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulidoter  Description  Foreman Unskilled Labor Tractor, crewler w/dozer (Bulldozer, 15t)	and and	3, 500 0, 800 0, 250 0, 800 5 Quantity 0, 10 0, 40 1, 40	m/hr m times Lab. 100,0% 100,0%	Hat. 0.0% 0.0%	nponent Equip. 0.0% 0.0%	(%) For. 0.0% 6.0%	E : Effi D : Laye Locs] 100,0%	ling Volume pricency or thickness  Total (PP) 576,00 320.00	Labor II 57. 60 128. 00 113. 40	Constraint of 0,00 0,00 294,84	Amount (FP) 5041 pment 0,00 0,00 0,00 3,371,76	Foreign 0,00 0,00 2,025,29	Local 57, 60 128, 00 1, 754, 71	Total (PP) 57. 60 128. 00 3, 780. 00	
1015]  Item No.  L002 L020  R0101-015	D: Layer thickness E: Efficiency N: Number of Compaction  Slone Formation by Bulldozer  Description  Foreman Unskilled Labor Tractor, crewlar w/dozer (Bulldozer, 151)  Miscellaneous  Total Components (%)	end end hr LS	3, 500 0, 800 0, 250 0, 800 5 Quantity 0, 10 0, 40 1, 40	m/hr m times Lab. 100,0% 100,0%	Hat. 0.0% 0.0%	Equip. 0. 0% 0. 0% 89. 2%	(%) For. 0. 0% 0. 0% 53. 6%	E : Effi D : Laye Locs] 100,0%	ling Volume pricency or thickness  Total (PP) 576,00 320.00	1.8bor   11   157.60   128.00   113.40   0.00   299.00   7.5%	Coraterial 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,	About (PP) Enginent (PP) 501 pent (PP) 0,00 0,00 3,371,76 9,00 3,374,76 85,04 33,76	Foreign 0,00 0,00 2,025,29 0,00 2,025,29 51,1% 20,28	Locul 57, 60 128, 00 1, 754, 71 0, 00 1, 940, 31 48, 9%	Total (PP) 57. 60 128. 00 3, 780. 00 0. 00 3, 965. 60 100. 0% 39, 70;	
1015]   Item No.   L002   L020   R0101-015	D: Layer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulldozer  Description  Foreman Unskilled Labor Tractor, crewlar w/dozer (Bulldozer, 15t)  Miscellaneous  Components (%)  Unit Rate	end end hr LS	3, 500 0, 800 0, 250 0, 800 5 Quantity 0, 10 0, 40 1, 40	m/hr m times Lab. 100,0% 100.0%	9. 0% 0. 0% 7. 8%	Equip. 0.0% 0.0% 89.2%	(%) For. 0.0% 0.0% 53.6%	Local   Local   100.0%   100.0%   45, 45	Ing Volume	i,abor II 57.60 128.00 113.40 0.00 299.00 7.5% 2,99	Co. 80 0. 250 m	Amount (PP) Snuipment (PP) Snuipment (PP) Snuipment (PP) Snuipment (PP) Amount (PP)	Foreign 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,	57. 50 128. 00 1, 754. 71 0, 00 1, 940. 31 48. 95 19, 42 100, 00 e2	Total (PP) 67. 60 128. 00 3. 780. 90 0. 00 3. 965. 60 100. 0% 3.9, 70;	
#015] Item No. L002 L020 R0101-015  #0162 Item No. L002	D: Leyer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulldoter  Description  Foreman Unskilled Lubor Tractor, crewler w/doter (Bulldoter, 15:) Miscellaneous  Total  Components (%)  Unit Rate  Slope Formation by Backhoe  Description  Foreman	md end har LS m2	3,500 0,800 0,250 0,800 5 Quantity 0,10 0,40 1,40 1,00	m/hr % m  Limes  Limes  Limes  Limes  Limes  Limes  Limes  Limes  Limes	Uat. 0.0% 0.0% 7.8% Con. Mat. 0.0%	Equip. 0. 0% 0. 0% 89. 2% Unapponent Equip. 0. 0%	(%) For. 0. 0% 0. 0% 53. 6%	Local   Loca	Total (PP)   S76,00   2,700,00   Total (PP)   S76,00   2,700,00   Total (PP)   S76,00   2,700,00   Total (PP)   S76,00	i,abor II 57.60 128.00 113.40 0.00 7.5% 2,99	<ul> <li>0.80</li> <li>0.250 m</li> </ul> aterial	Amour (PP)  50,00  0,00  0,00  3,371,76  0,00  3,371,76  95,0%  93,76  Amour (PP)  6uippent (PP)  6uippent (0,00)	Foreign 0.00 0.00 2.025.29 0.00 2.025.29 51.1% 20.28 Unit:	57. 60 128. 60 1, 754. 71 0. 00 1, 940. 31 48. 95 19. 42 100, 00 m2	Total (PP) 67. 60 128. 00 128. 00 3. 780. 90 0. 00 3. 965. 60 100. 07 39. 70  Total (PP) 57. 60	0.0%
F015]  Iten No.  L002 L020 R0101-015  F0162  Iten No.  L002 L020 R0102-061	D: Leyer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulldoter  Description  Foreman Unskilled Labor Tractor, crewler */doter (Bulldozer, 15t)  Miscellaneous  Total  Components (%)  Unit Rate  Slope Formation by Backhoe  Description  Foreman Unskilled Labor Backhoe, Nydraulic, crawler, 0.01m3	md end har LS	3,500 0.800 0.250 0.800 5 Quantity 0.40 1.00 Quantity 0.10 0.70 2.60	m/hr m	0.0% 0.0% 7.8%	### Ponent Equip.  0. 0%  89. 2%  Un apponent  Equip.  0. 0%  0. 0%	(%) For. 0.0% 0.0% 53.6%	Local   Local   Local   Local   Local   Local   Local   Local   Local   Loc. 0%   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local	Total (PP)   Tot	i,abor II 57.60 128.00 113.40 0.00 7.5% 2,99	<ul> <li>0.80</li> <li>0.250 m</li> </ul> aterial	Amount (PP)  Squipment (PP)  Squipment (PP)  0.00  0.00  3.371,76  9.00  3.371,76  95.00  Amount (PP)  Equipment (PP)  Equipment (PP)  50.00  3.940,40	Foreign 0.00 0.00 2.025.29 0.00 2.025.29 0.00 2.025.29 0.00 1.1% 20.28 Upic:	57. 60 128. 00 1, 754. 71 0, 00 1, 940. 31 48. 9% 19. 42 100, 00 e2 Local 57. 80 224. 00 2, 131. 77	Total (PP) 57.60 224.00 4.524.00	0.0%
F015]  Iten No.  L002 L020 R0101-015  F0162  Iten No.  L002 L020 R0102-061	D: Leyer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulldozer  Description  Foreman Unskilled Labor Tractor, crewler w/dozer (Bulldozer, 151)  Miscellsneous  Total Components (%).  Unit Rate  Slope Formation by Backhoe.  Description  Foreman Unskilled Labor Backhoe, hydraulic, crawler, 0.01m3 Miscellsneous	md end hr LS m2	3,500 0.800 0.250 0.800 5 Quantity 0.40 1.40 1.00	m/hr as m times times times to 0.0 % 100.0%	Uat. 0.0% 0.0% 7.8% Con Usat 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	Ponent Equip.  0.0% 89.2%  Un Richard Equip. 0.0%	(%) For. 0.0% 0.0% 53.6%	Local   Local   Local   Local   Local   Local   Local   Local   Local   Loc. 0%   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local	Total (PP)   576.00   320.00   10.00	1,abor	Coraterial Coraterial	Amoun peponent (PP)   5 nuipment   0.00   0.00   3.371.76   9.00   3.371.76   9.37.76   32.76    Amoun peponent (PP)   5 nuipment   0.00   3.940,40   0.00   3.940,40	Foreign 0.00 2.025.29 0.00 2.025.29 51.1% 20.28 Unit: t Foreign 0.00 2.392.23	Local     57, 60   128, 00   1, 754, 71   0, 00   1, 940, 31   48, 9%   19, 42   100, 00 m <sup>2</sup>   Local   57, 60   2, 131, 77   0, 00   2, 413, 37	Total (PP)  57. 60 128. 00 3. 780. 00 3. 965. 60 100. 00 3. 965. 60 100. 00 3. 965. 60 100. 70 3. 97. 70  Total (PP) 57. 60 224. 00	0.0%
F0162  11ea No. L002 L002 R0101-015  F0162  Itea No. L002 R0102-061	D: Layer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulldozer  Description  Foreman Unskilled Labor Tractor, crewler v/dozer (Bulldozer, 151) Miscellaneous  Total Commonents (%) Unit Rate  Slope Formation by Backhoe  Description  Foreman Unskilled Labor Backhoe, hydraulac, crawler, 0.01m3 Miscellaneous  Components (%) Unit Rate  Unit Rate	md end har LS	3,500 0.800 0.250 0.800 5 Quantity 0.40 1.00 Quantity 0.10 0.70 2.60	m/hr as m times times times to 0.0 % 100.0%	Uat. 0.0% 0.0% 7.8% Con Usat 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	Ponent Equip.  0.0% 89.2%  Un Richard Equip. 0.0%	(%) For. 0.0% 0.0% 53.6%	Local   Local   Local   Local   Local   Local   Local   Local   Local   Loc. 0%   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local	Total (PP)   576.00   320.00   10.00	i,abor II 57. 60 128. 00 113. 4p 0. 00 7. 5% 2, 99	Contact in the contac	Amount (PP)  Squipment (PP)  Squipment (PP)  0.00  0.00  3.371,76  9.00  3.371,76  95.00  Amount (PP)  Equipment (PP)  Equipment (PP)  50.00  3.940,40	Foreign 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Total   Tota	Total (PP) 57. 60 128. 00 3. 780. 90 0. 90 3. 965. 60 100. 04 39, 70:  Total (PP) 57. 60 224. 00 0. 00 4. 855. 60	0.0%
F0162  Iten No. L002 R0101-015  F0162  Iten No. L002 R0102-061	D: Layer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulldozer  Description  Foreman Unskilled Labor Tractor, crewler w/dozer (Bulldozer, 151) Miscellaneous  Total Commonents (%) Unit Rate  Slope Formation by Backhoe  Description  Foreman Unskilled Labor Backhoe, hydraulac, crawler, 0.01m3 Miscellaneous  Components (%) Unit Rate  Gravel Foundation Fill	end end har LS m2	3,500 0.800 0.800 0.800 0.800 0.100 0.40 1.40 1.00 0.100 0.100 0.700 0.100 0.700 0.100 0.700 0.100	m/hr as m times times times to 0.0 % 100.0%	Uat. 0. 0% 7. 8% Con Uat. 0. 0% 8. 4%	#PONEMIX Equip. 0.0% 0.0% 89.2%  Un ##################################	(%) For. 0.0% 0.0% 53.6%  it Rate (%) For. 0.0% 52.9%	Local   Local   Local   Local   Local   Local   Local   Local   Local   Loc. 0%   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local   Loc. 0%   Local	Total (PP)   576.00   320.00   2,760.00   1,740.00	Labor   11   57, 60   128, 00   113, 40   0, 00   299, 00   7, 5%   2, 99   1   10, 10   10	Co. 80 m Co.	Assource (PP) Equipment (PP) 0.00 0.00 0.00 3.371.76 9.00 3.371.76 85.00 33.76  Amour (PP) Equipment 0.00 0.00 3.940,40 9.00 3.940,40 33.44	Foreign 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Local	Total (PP) 128.00 3.780.00 0.00 3.965.60 100.07 100	0.0%
F0162  Iten No. L002 R0101-015  F0162  Iten No. L002 R0102-061	D: Layer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulldozer  Description  Foreman Unskilled Labor Total Components (%) Unit Rate  Slope Formation by Backhoe Description  Foreman Unskilled Labor Backhoe, hydraulic, crawler, 0.61m3 Miscellaneous Total Components (%) Unit Rate  Grevel Foundation Fill  Description	end end har LS m2 Unit m2 m2 Unit	3,500 0.800 0.800 0.800 0.800 0.800 0.600 0.100 0.400 1.400 1.000 0.100 0.700 2.600 1.000 0.400 0.100	m/h; m n times times times (100, 0%) 100, 0% 100, 0% 100, 0% 100, 0% 100, 0% 100, 0% 1,5%	Con Mat. C. Con Ma	Ponent Equip.  Un Pronent Equip.  O. 0%  89. 2%  Un Pronent Equip.  O. 0%  87. 1%	(%) For. 0.0% 0.0% 53.6%  it Rate (%) For. 0.0% 52.9%	Local   Loca	Total (FP)   Tot	Labor   H   13.40   299   00   299   00   17.5%   2.99   18.40   224.60   203.68   0.60   465.13   10.13   4.66   18.60   18	Coraterial 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Amour Amour	Foreign 0.00 2.025.29 3.1,1% 20.28 40.10 4.025.29 51.1% 20.28 40.10 4.00 2.392.23 49.8% 23.94 49.8% 40.11: 4.  Foreign 0.00 4.025.29 49.8% 40.8% 40.11: 4.  Foreign 1.	Local	Total (PP) 128.00 3.780.00 0.00 3.965.60 100.07 39.70 100.07 100.	0.0%
#015] Iten No. L002 R0101-015  #0162 Iten No. L002 R0102-061  #0181 Iten No. L019 L020	D: Layer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulldozer  Description  Foreman Unskilled Labor Tractor, crawler */dozer (Bulldozer, 181) Niscellaneous Total Commonents (%) Unit Rate  Slope Formation by Backhoe Description  Foreman Unskilled Labor Backhoe, hydraulic, crawler, 0.01m3 Miscellaneous Total Commonents (%) Unit Rate  Gravel Foundation Fill Description  Skilled Labor  Skilled Labor Unskilled Labor  Gravel Foundation Fill Description	end end hr LS m2 Unit md hr LS m2 Unit	3,500 0,800 0,800 0,800 0,800 0,800 0,800 0,100 0,100 0,100 0,70 2,600 1,00 0 0,300	m/h; % % times   Limes   Con Nat. 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Un pponent Equip.  Un pponent Equip.  0.0%  89.2%  Un pponent Equip.  0.0%  87.1%	(%) For. 0.0% 6.0% 53.6%  it Rate (%) For. 0.0% 52.9%	Local   Loca	Total (PP)   Tot	1,abor   11   17,5   18,5   19,5	Co- 284 84 0.00 0.280 8	Amour Amour	Foreign 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Local	Total (PP) 101al (PP) 105.60 128.00 3.780.00 0.00 3.965.60 100.0% 39.70i  Total (PP) 123.00 150al (PP) 123.00 157.60	0.0% Renarks 0.0%	
F015]  Iten No.  L002 L000 R0101-015  F0162 Iten No. L002 R0102-061  F0168 Iten No. L019 L020 R0102-001	D: Layer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulldozer  Description  Foreman Unskilled Labor Tractor, crawler */dozer (Bulldozer, 18) Niscellaneous  Total Commonents (%) Unit Rate  Slope Formation by Backhoe Description  Foreman Unskilled Labor Backhoe, hydraulic, crawler, 0.61m3 Miscellaneous  Total Commonents (%) Unit Rate  Grevel Foundation Fill  Description  Skilled Labor Crushed Labor Crushed Labor Crushed Labor Unit Rate  Crevel Foundation Fill  Description	end end har LS m2 Unit md md hr LS m2 Unit	3,500 0.800 0.800 0.800 0.800 0.800 0.100 0.100 0.400 1.400 0.100 0.100 0.700	m/h; % % % times   Lab. 100.0% (100.0% 100.0	Consular, 10, 0%	### Un ################################	(%) For. 0.0% 6.0% 53.6%  it Rate (%) For. 0.0% 52.9%	Local   Loca	Total (PP)   Tot	1,8bor   11   157,60   128,00   113,40   0,00   7,5%   2,99   11,5%   12,5%	Co. 80 m Co. 250 m Co. 250 m Co. 250 m Co. 250 m Co. 254. 84 0. 00 Co. 0	Amour Amour	Foreign 0.00 2.025.29 0.00 2.025.29 51.1% 20.28 Unit: t Foreign 0.00 2.392.23 49.8% 23.94 Unit: t Foreign 0.00 0.00 1.454.38 62.62	Local   1,756, 71   0,00   1,756, 71   0,00   1,940, 31   48,97   19,47   100,00 m2   100,00 m2   1,156, 100,00 m2   1,156, 100,00 m3   1,156, 1	Total (PP) 57.60 128.00 3.780.00 0.00 3.965.60 100.05 3.976 57.60 224.00 4.524.00 4.524.00 4.524.00 4.524.00 100.05 150.05 100.0	0.0%
F015]  Iten No.  L002 L000 R0101-015  F0162 Iten No. L002 R0102-061  F0168 Iten No. L019 L020 R0102-001	D: Layer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulidozer  Description  Foreman Unskilled Labor Tractor, crawler y/dozer (Bulldozer, 15t) Niscellaneous Total Commonents (%) Unit Rate  Slope Formation by Backhoe Description  Foreman Unskilled Labor Backhoe, hydraulic, crawler, 0.61m3 Miscellaneous Total Commonents (%) Unit Rate  Grevel Foundation Fill Description  Skilled Labor Crushed Aggresset, transmorted Miscellaneous Total Commonents (%)  Skilled Labor Crushed Aggresset, transmorted Miscellaneous Total Commonents (%)	ed ed hr LS	3,500 0,800 0,800 0,800 0,800 0,800 0,800 0,100	Lines  Lines  Lines  Loo, 0x  3, 0x  Line, 100, 0x  4, 55	Con State Con St	## Un ## Un	(%) For. 0.0% 0.0% 53.6%  1t Rate (%) For. 0.0% 52.9%	Local   Loca	Total (PP)   Tot	Labor   11   12   13   10   14   15   16   17   16   17   16   17   17   17	Constraint Constraint	Amour Amour	Foreign 0.00 0.00 2.025.29 0.00 2.025.29 51.18 20.28 Unit: t Foreign 0.00 2.392.23 49.81 23.94 Unit: t Foreign 0.00 1.345.33 49.81	1,000   1,00	Total (PP) 157. 60 128. 00 3, 786. 00 0, 00 3, 965. 60 100. 0% 39, 70  Total (PP) 123. 00 4, 805. 60 100. 0% 18. [0]	0.0% Remarks 0.0%
F0161  Item No. L002 L020 R0101-015  F0162  Item No. L002 R0102-061  F0161  Item No. L019 L020 W0122	D: Layer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulldozer  Description  Foreman Unskilled Labor Tractor, crewler w/dozer (Bulldozer, 15t) Miscellaneous  Commonents (%) Unit Rate  Slope Formation by Backhoe  Description  Foreman Unskilled Labor Backhoe, hydraulic, crawler, 0.01m3 Miscellaneous  Occeptants (%) Unit Rate  Grevel Foundation Fill  Description  Skilled Labor Unskilled Labor Components (%) Unit Rate  Grevel Foundation Fill  Description  Skilled Labor Unskilled Labor	ed ed hr IS es 2 Unit tel ed ed hr IS es 2 Unit tel ed ed hr IS es 2 Unit tel ed ed ed ed ed ed ed ed ed ed ed ed ed	3,500 0.800 0.800 0.800 0.800 0.800 0.800 0.100 0.40 1.400 1.400 0.100 0.700 0	m/h; % % % times   Lab. 100.0%	Con- Hai	## ### ###############################	(X) For. 0. 0% 6. 0% 53. 6%  1t Rate (X) For. 0. 0% 52. 9%  1t Rate (X) For. 0. 0% 55. 0%	Local   Loca	Total (PP)   Tot	Labor   H   13, 40   0, 00   15, 65   16, 67, 60   17, 68   17, 67, 60   18, 18   19, 18	Correction Correction	Amour (PP)  Spulpment (PP)  Squipment (PP)  3, 371, 76  5, 00  3, 371, 76  55, 0x  33, 76  Amour sponent (PP)  Squipment (PP)	Foreign 0.00 0.00 0.00 0.00 0.00 2.025.29 0.00 2.025.29 51.13 20.28 Unit: t  Foreign 0.00 2.392.23 49.87 23.91 Unit: t  Foreign 0.00 0.00 1.392.23 49.87 23.91 Unit: t	Local	Total (PP) (57.60 128.00 3.780.00 0.00 3.965.60 100.07 100	0.0% Remarks 0.0%
#0151 Item No. L002 R0101-015  #0152 Item No. L002 R0102-061  #0161 Item No. L019 L020 W0122	D: Layer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulldozer  Description  Foreman Unskilled Labor Tractor, crewler w/dozer (Bulldozer, 151) Miscellaneous  Commonents (%) Unit Rate  Slope Formation by Backhoe  Description  Foreman Unskilled Labor Backhoe, hydraulic, crawler, 0.01m3 Miscellaneous  One Components (%) Unit Rate  Gravel Foundation Fill  Description  Skilled Labor Unit Rate  Gravel Foundation Fill  Description  Skilled Labor Unit Rate  Gravel Foundation Fill  Description  Skilled Labor Unit Rate  Gravel Foundation Fill  Description  Skilled Labor Unit Rate  Gravel Foundation Fill  Description  Skilled Labor Unit Rate  Gravel Foundation Fill  Description  Skilled Labor Unit Rate  Killed Labor Unit Rate  Selacted Sand Fill	ed ed hr LS    Unit    Ed    E	3,500 0.800 0.800 0.800 0.800 0.800 0.800 0.100 0.40 1.40 1.00 0.100 0.100 0.700 0.700 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	m/h; % % % times   Lab. 100.0%	Con Con Con Con Con Con Con Con Con Con	## ## ## ## ## ## ## ## ## ## ## ## ##	(\$) For. 0.05 5.3.69  it Rate (\$) For. 0.05 6.00  it Rate (\$) For. 0.05 6.00  it Rate 4.00  it Rate 6.00  it Rate	Local   Loca	Total (PP)   Tot	Labor   H   13, 40   0, 00   15, 65   16, 67, 60   17, 68   17, 67, 60   18, 18   19, 18	Coraterial Coraterial	Amour (PP)  Squipment (PP)  3, 371, 76  9, 00  3, 371, 76  85, 0x  33, 76  Amour (PP)  Squipment (PP)  Squipme	Foreign 0.00 0.00 2.025.29 0.00 2.025.29 51.1% 20.28 Unit: t  Foreign 0.00 2.392.23 0.00 0.00 2.392.23 0.00 0.00 2.392.23 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Local   128, 00   1,756, 71   0,00   1,940, 31   45,92   19,42   100,00 m²   24,100,24   100,00 m²   24,100,24   100,00 m²   24,100,24   100,00 m²   24,100,00 m²   24,10	Total (PP) 67.60 128.00 3.780.00 0.00 3.995.60 100.00 100.	0.0% Remarks 0.0% Remarks
#0151 Item No. L002 R0101-015 F0152 Item No. L002 R0102-061 F0161 Item No. L019 L020 W0122 F0162 Item No. L019 L020 F0162 Item No.	D: Layer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulldozer  Description  Foreman Unskilled Labor Tractor, crewler w/dozer (Bulldozer, 151) Miscellaneous  Commonents (%) Unit Rate  Slope Formation by Backhoe  Description  Foreman Unskilled Labor Backhoe, hydraulic, crawler, 0.01m3 Miscellaneous  Total Commonents (%) Unit Rate  Gravel Foundation Fill  Description  Skilled Labor Unit Rate  Gravel Foundation Fill  Description  Skilled Labor Unit Rate  Gravel Foundation Fill  Description  Skilled Labor Unit Rate  Kiscellaneous  Total Commonents (%) Unit Rate  Kiscellaneous  Skilled Labor Unit Rate  Gravel Foundation Fill  Description  Skilled Labor Unit Rate  Kiscellaneous  Openants (%) Unit Rate  Kiscellaneous covers the cost for deprecedent Selected Sand Fill  Description	ed ed br LS e2 Unit ed ed hr LS e2 Unit ed ed ed hr LS e2 Unit ed ed ed ed ed ed ed ed ed ed ed ed ed	0. 800 0.	Lab.   Lab.	Go. 0% 6. 0% 7. 9% Co. 0% 13-1 13-1 13-1 13-1 13-1 13-1 13-1 13-	wponent.  0.0% 89.2%  Understanding the second of the seco	(%) For. 0.0% 53.6%  53.6%  11. Rate (%) For. 0.0% 52.9%	Local   Loca	Total (PP)   Tot	Labor   11   12   13   10   13   10   13   10   13   10   15   15   15   15   15   15   15	Co. 80 0. 250 m    Co. 250 m    Co. 250 m    Co. 250 m    Co. 250 m   Co. 250	Amour Proponent (PP)  Squipment 0,000 0,000 3,371,76 85,000 3,371,76 85,000 3,371,76  Amour Proponent (PP) Squipment (PP)	Foreign 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Local	Total (PP) 67.60 128.00 3.780.00 0.00 3.995.60 100.00 100.	0.0% Remarks 0.0%
#015] Item No. L002 R0101-015  #0152  Item No. L020 R0102-061  #0161  Item No. L019 L020 W0122  #0162	D: Layer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulldozer  Description  Foreman Unskilled Labor Tractor, crewler w/dozer (Bulldozer, 151) Miscellaneous  Total Commonents (%) Unit Rate  Slope Formation by Backhoe  Description  Foreman Unskilled Labor Backhoe, hydraulic, crawler, 0.01m3 Miscellaneous  Total Commonents (%) Unit Rate  Gravel Foundation Fill  Description  Skilled Labor Unskilled Labor Commonents (%) Unit Rate  Gravel Foundation Fill  Description  Skilled Labor Unskilled Labor Unskilled Labor Skilled Labor Unit Rate  Gravel Foundation Fill  Description  Skilled Labor Unit Rate  Gravel Foundation Fill  Description  Skilled Labor Unit Rate  Scaled Sand Fill  Description  Skilled Labor Unskilled Labor Unskilled Labor	ed ed br LS e2 Unit ed ed ed ed ed ed ed ed ed ed ed ed ed	0.800 0.800 0.800 0.800 0.800 0.800 0.800 0.800 0.800 0.100 0.40 1.400 1.400 1.400 0.100 0.700 0.700 0.400 1.000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	Lab. 100.0% 100.	GO . 0% 0. 0% 0. 0% 1. 0. 0. 0% 1. 0. 0. 0% 1. 0. 0. 0% 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	## ## ## ## ## ## ## ## ## ## ## ## ##	(%) For.  1. Rate (%) For.  0. 0% 6.	Local   Loca	Total (PP)   Tot	Labor   11   12   15   16   17   16   17   16   17   16   17   17	Coraterial Coraterial	Amour Proponent (PP)  Squipment 0,000  3,371,76  9,00  3,371,76  85,00  33,76  Amour Proponent (PP)  Squipment (PP)	Foreign 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Local	Total (PP)  67. 60 128. 00 3. 780. 60 9. 00 3. 965. 60 100. 00 3. 965. 60 100. 00 4. 805.	0.0%  Remarks  0.0%  Remarks  Loss 20.0%  3.0%
#0151 I ten No. L002 R0101-015 I ten No. L020 R0101-015 I ten No. L002 L020 R0102-061 I ten No. L019 L020 W0122  #0152 I ten No. L019 L020 W0122	D: Layer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulldozer  Description  Foreman Unskilled Labor Tractor, crewler v/dozer (Bulldozer, 151) Miscellaneous  Total Commonents (%) Unit Rate  Slope Formation by Backhoe  Description  Foreman Unskilled Labor Backhoe, hydraulic, crawler, 0.01m3 Miscellaneous  Total Commonents (%) Unit Rate  Gravel Foundation Fill  Description  Skilled Labor Cunskilled Labor Cunskilled Labor Unit Rate  Miscellaneous  Total Commonents (%) Unit Rate  Selected Sand Fill  Description  Skilled Labor Unit Rate  Selected Sand Fill  Description  Skilled Labor Unskilled Labor Unskilled Labor Selected Sand Fill  Description	end end hr ls end end hr ls end end hr ls end end hr ls end end end end end end end end end end	3,500 0,800 0,800 0,800 0,800 0,800 0,800 0,100	Lab. 100.0% 100.	Con Stat. Co. Co. Co. Stat. Co. Co. Co. Stat. Co. Co. Co. Stat. Co. Co. Co. Co. Stat. Co. Co. Co. Stat. Co. Co. Stat. Co. Co. Co. Stat. Co. Co. Co. Stat. Co. Co. Co. Co. Stat. Co. Co. Co. Stat. Co. Co. Co. Co. Co. Co. Co. Co. Co. Co	wponent Equin	(\$) For. 0. 05 5.3. 6%  1it Rate (\$) For. 0. 05 5.3. 6%	Local   Loca	Total (PP)   410.00   268.00   Total (PP)   410.00   268.00   Total (PP)   410.00   268.00   Total (PP)   410.00   268.00   Total (PP)   410.00   268.00   Total (PP)   410.00   268.00   Total (PP)   410.00   268.00   Total (PP)   410.00   268.00   Total (PP)   410.00   268.00   Total (PP)   410.00   268.00   Total (PP)   410.00   41	Labor   H   128,00   113,40   0,00   7,5%   2,99   00   7,5%   2,99   00   7,5%   2,99   00   123,00   10,1%   1,86   0,00   123,00   12	Coraterial Coraterial	Amour prohent (PP)  Equipment 0, 000  3, 371, 76  9, 00  3, 371, 76  85, 04  33, 76  Amour prohent (PP)  Equipment 0, 00  3, 940, 40  92, 04  39, 44  Amour prohent (PP)  Equipment 0, 00  2, 330, 29  85, 39  2, 416, 68  61, 68  241, 641	Foreign 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Local	Total (PP) 67.60 128.00 3.780.00 0.00 3.995.60 100.00 100.	0.0%  Remarks  0.0%  Remarks  Loss 20.0%  3.0%
#0151 I ten No. L002 R0101-015 I ten No. L020 R0101-015 I ten No. L002 L020 R0102-061 I ten No. L019 L020 W0122  #0152 I ten No. L019 L020 W0122	D: Layer thickness E: Efficiency N: Number of Compaction  Slope Formation by Bulidozer  Description  Foreman  Lunskilled Labor Tractor, crawler widozer (Bulidozer, 151) Miscellaneous  Total  Components (%) Unit Rate  Slope Formation by Backhoe Description  Foreman Unskilled Labor Backhoe, hydraulic, crawler, 0.61m3 Miscellaneous  Total  Components (%) Unit Rate  Grevel Foundation Fill  Description  Skilled Labor Cushed Awaresate, transmorted Miscellaneous  Total Components (%) Unit Rate  Miscellaneous covers the cost for deprecedent of the cost for deprece	md end hr LS end md hr 15 m2 Unit unit unit unit unit unit unit unit u	Quantity  Quantity	Lab.   Lab.	Con Unit Con	wponent	(\$) For. 0. 05 53. 68  1it Rate (\$) For. 0. 05 1it Rate (\$) For. 0. 05 1it Rate (\$) For. 0. 05 1it Rate (\$) For. 0. 05 1it Rate		Total (PP)   Tot	Labor	Costerial 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Amour (PP)  Guilpment (PP)  Equilpment (PP)  Guilpment (PP)  Amour (PP)  Guilpment (PP)	Foreign 0.00 0.00 2.025.29 0.00 2.025.29 51.1% 20.28 Unit: t    Foreign 0.00 0.00 2.025.29 51.1% 20.28 Unit: t    Foreign 0.00 0.00 2.392.23 0.00 0.00 2.392.23 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Local   1,754, 71   0,00   1,910, 31   1,754, 71   0,00   1,910, 31   1,910,	Total (PP) 178.00 3, 786.00 0, 00 3, 965.60 100.073 39, 76: 57.60 224.00 0, 00 4, 524.00 0, 00 4, 524.00 100.073 18.10  Total (PP) 57.60 21.00 57.60 100.073 113.65 3, 908.65 100.073 391.00  Total (PP) 123.00 576.00 13.85 3, 908.85 100.073	0.0%  Remarks  0.0%  Remarks  Lose 20.0%  Remarks  Lose 20.0%

₩0201	Lean Concrete (17MPq, max ngg 38mm)		- <del></del>				de Doro					- in	Unit:	10.00	n3	
Item No.	Description	Unit		Leb.	Co.	mponent Equip.	(1) For	Local	Total (PP)	Labor	Material	An Ompohent (PP Equipment	Foreign	Local	Total (PP)	Remarks
L062 L020 M03011 W0122 W0126 M01010 M03401 R0701-040 R0605-060		md t m3 m3 kg hr hr LS	0. 06 0. 22 3. 30 4. 59 3. 16 1. 76 0. 00 0. 31 0. 65	100.0% 0.0% 9.2% 12.9% 0.0% 0.0% 3.9%	0, 0% 0, 0% 100, 0% 15, 5% 20, 0% 100, 0% 7, 5% 8, 2% 45, 0%	0.0% 0.0% 0.0% 75.3% 67.1%	60, 0% 47, 0% 43, 5% 10, 0% 70, 0% 51, 7% 61, 2%	100. 0% 100. 0% 40. 0% 53. 0% 56. 5% 90. 0% 48. 3% 48. 8% 50. 0%	576. 00 320. 00 3, 375. 00 258, 00 166. 00 68. 20 118. 00 1, 980, 00 1, 160, 00	34, 56 70, 40 0, 00 109, 09 68, 28 0, 00 0, 00 23, 94 55, 04 28, 88	0,00 0,00 11,137,50 183,79 106,03 115,85 0,00 45,04 61,83 129,96	0.00 0.00 0.00 891.34 355.23 0.00 0.00 543.63 637.13 129.96	0.00 6,682,80 856,30 230,30 11,59 0.00 317,58 386,39 144,40 8,329,06	34. 65 70, 40 4, 455, 90 527, 92 299, 24 104, 27 0, 00 296, 22 367, 61 144, 40 8, 399, 61	34, 56 70, 40 11, 137, 50 1, 184, 22 529, 54 115, 85 0, 00 613, 80 764, 00 288, 80	Loss 2.0% Loss 10.0% Loss 10.0% Loss 2.0%
	Components (%) Unit Rate	m3								2, 6% 38, 94	80,0%	17,4% 255,25	65, 5% 631, 26	43, 5% 638, 72	1,470.00	
<b>W</b> 0202	Micoellaneous covers the cost for minor Coment Aggregate (max 20mm) Sand Water Admixture Concrets (Class B, 17MPa, max agg. 50m	-	324.00 l, 106.00 757.00 l 76.00	kg/m3 kg/m3	ashing,		Plant Da Concrete Transpor L : Tran Y : Tran	ily Oper Mixer T tation T sportati	ting, cleants etion ruck Capacit ime * 2·L/V on Distance on Velocity	y	= 5, 62 h = 4, 30 m = 0, 28 h = 1, 50 k = 25, 00 k	3 r m m/hr	<u> Սո(</u> է:	10.00 s	3	
Irem No.	Description	Unit	Quantity	Lab.	Con Mat.	popent	t Rate (%) For.	Local	Total (PP)	Lahor	. Hater(a)	Amx Omponent (PP) Equipment	ount Foreign	Local	Total (PP)	Remarks
L002 L020 M03011 W0122 W0128 M01010 M03401 R0701-040 R0605-060	Foremen Ungskilled Lubor Portland Cement, ordinary Crushed Aggragate, transported Selected Sand, transported Water Supnly Admixture Concrete Batch Plant 40m3/hr with sile Truck Mixer 5,0-6,0 cu-vds (3,8-4,6m3) Wigcellanesus Total Components (3)	md ad t m3 m3 kg hr hr	0. 06 0. 22 2. 93 5. 48 2. 70 1. 55 0. 00 0. 31 0. 65 1, 00	190, 6% 190, 0% 0, 0% 9, 2% 12, 9% 0, 0% 0, 0% 3, 9% 7, 3%	0, 0% 0, 0% 100, 0% 15, 5% 20, 0% 100, 0% 7, 5% 8, 2% 45, 0%	Fguip. 0. 0% 0. 0% 0. 0% 75. 3% 67. 1% 0. 0% 88. 6% 84. 5% 48. 0%	0. 0% 0. 0% 60. 0% 47. 0% 43. 5% 10. 0% 70. 0% 51. 7% 51. 2% 50, 0%	100, 0% 100, 0% 40, 0% 53, 0% 56, 5% 90, 0% 48, 3% 48, 8% 50, 0%	576, 60 320, 00 3, 375, 00 258, 00 166, 00 66, 20 118, 00 1, 980, 00 1, 180, 00	Labor 34, 56 70, 40 0, 00 130, 25 57, 79 0, 00 0, 00 23, 94 55, 04 26, 65 398, 63 2, 95	0,00 0,00 9,888.75 219,43 89,74 102.61 0,00 46,00 61,83 119,94	0,00 0,00 0,00 1,064,17 300,67 0,00 0,00 543,83 637,13 113,64 2,665,73	0. 00 0. 00 5. 933. 25 664. 17. 194. 93 10. 26 0. 00 327. 58 386. 39 133. 26 7, 639. 84	34. 56 70. 40 3, 955. 50 749. 67 253. 27 92. 35 0. 00 296. 22 367. 61 133, 26 5, 952, 85	34. 56 70. 40 9, 888, 76 1, 413. 84 448, 20 102. 81 0, 00 613. 80 754, 00 266, 82 13, 502, 68	Loss 2.0%   Loss 10.0%   Loss 10.0%   Loss 2.0%   2.0%
	Unit Rate  Wiscellaneous covers the cost for minor	m3 materi	als and too	ola for w	ashing,	creenin	g, weigh	ng, tout	ing, cleanin	39, 88	1, 053, 40	266,72	764.39	595, 61	1,360,00	
W-0.4-	Cement Aggrugate (max 40mm) Sand Water Admixture	*	287.00 1,321.00 641.00 155.00	kg/m3 kg/m3 kg/m3			Plant Da Concrete Transpor L: Tran	ily Oper Mixer T tation T sportation	ation ruck Capacity ime = 2·L/Y d on Distance on Velocity	,	= 5.53 h; = 4.30 m; = 0.26 h; = 1.50 k; = 25.00 k;	1 -			_	
NO203	Concrete (Class A. 21MPs, max agg.38ms Bescription	Unit	Quantity	F	Com	Un popent	it Rate		Total		- C	Amo	Unit:	10,00 m	Total	Remarks
L002 L020 M03011 W0122 W0128 M01010 M03401 R0701-040	Formen Unskilled Labor Unskilled Labor Portland Gement, ordinary Crushed Angreaste, transported Water Supply Admixture Concrete Batch Plant 40m3/hr with sile Truck Nixer 5.0-6.0 cu-wis (3.8-4.6m3) Mjacellaneous Total.	md md t m3 m3 kg hr hr	0. 06 0. 22 3. 64 4. 52 3. 14 1. 76 0. 00 0. 31 0. 65 1, 00	0.0% 9.2% 12.9% 0.0% 0.0% 3.9%		6041 p. 0. 0% 0. 0% 0. 0% 75. 3% 67. 1% 0. 0% 0. 0% 88. 6% 84. 5% 45. 0%	For: 0, 0X, 0, 0X, 60, 0X, 47, 0X, 43, 5X, 10, 0X, 70, 6X, 51, 7Y, 51, 2X, 50, 0X	Local 100, 0% 100, 0% 40, 0% 53, 0% 56, 5% 90, 0% 30, 0% 48, 3% 48, 8% 50, 0%	(PP) 576 00 320 00 3, 375 00 258 00 166 00 68 20 118 00 1, 980 00 1, 160, 00	Labor 34, 56 70, 40 0, 00 107, 43, 67, 21, 0, 00 23, 94 55, 04 31, 12 389, 70	Material 0.00 0.00 12.285.00 180.99 104.37 115.85 0.00 46.04 61.83 140.05	Equipment 0.00 0.00 0.00 0.00 0.00 877.74 349.66 0.00 0.00 543.83 637.13 140.05 2,548.41	Foreign 0.00 0.00 7.371.00 547.82 226.70 11.59 0.00 317.58 386.39 155.61 9.016.68	1.0ca   34.56 70.40 4.914.00 616,34 294.54 104.27 0.00 296,22 367,61 155.61	(PP)  34. 56 70. 40 12, 285. 00: 1. 166. 18 521. 24 1\fs. 85 0. 00 613. 80 754. 00 311, 22 15, 672, 23	Loss 2.0% Loss 10.0% Loss 10.0% Loss 2.0%
	Components (%) Unit Rate	m3								2. 6% 39. 04	81.53 1,295.67	16.1% 255, 29	56.8% 903.25	6, 855, 55 43, 2% 686, 75	100.0%	
	Miscellaneous covers the cost for minor Cement Aggregate (max 40mm) Sand Vater Admixture	materi	367.00 1,089.00 746.00 175.00	kg/m3 kg/m3 kg/m3	ishing, s		Plant Da Concrete Transport L: Trans	lly Open Nimer 3: acion 7: aportatio	ing, cleaning ation ruck Capacity ime = 2-L/Y * on Distance on Velocity	, etc.	= 5, 63 hz = 4, 30 mS = 0, 28 hz = 1, 50 kn = 25, 00 kn					
W0203a Item No.	Concrete (Class Al. 21MPs, max agg 20m Bescription	um) Unit	Quantity		Com	Un: ponent (	t Rate		Total	<del></del>		Amo	Unit:	LG, 00 m	Total	Barrat
L002 L020 H03011 W0122 W0128 H01010 H03401 R0701-040	Foreman Unity's List Labor Percland Coment, ordinary Crushed Asgregate, transported Salacted Sand, transported Water Subolt Admixture Concrete Batch Plant 40m3/hr with slid Truck Mixer 5.0-6.0 cu-vds (3.8-4.6m3) Miscellaneous Total Components (%)	md md e3 e3 e3 kg kr kr kr	0, 06 0, 22 3, 86 4, 08 3, 34 1, 85 0, 00 0, 31 0, 65 1, 00	Lab, 100. 0%, 100. 0% 0, 0% 9, 2% 12. 9% 0, 0% 0, 0% 3. 9% 7, 3% 10, 0%	Mat. 0. 0% 0. 0% 100. 0% 16. 5% 20. 0% 100. 0% 100. 0% 7. 5% 8. 2% 45. 0%			Local 100, 0% 100, 0% 40, 0% 53, 0% 56, 5% 90, 0% 30, 0% 48, 3% 48, 8% 50, 0%	(PP) 576, 00 320, 90, 3, 375, 00 258, 00, 166, 00, 66, 20, 118, 00, 1, 980, 00	24, 55 70, 40 0, 00 96, 97 71, 49 0, 00 0, 00 23, 94 55, 04 32, 46 384, 86	Material 0.00 0.00 0.00 13,027.50 163.37 111.01 122.47 0.00 46.04 61.83 146.07 13,678.28 82.6%	Equipment 5 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0	Foreign 0. 00 0. 00 7. 816, 50 494, 49 241, 13 12, 25 0. 00 317, 58 386, 39 162, 30 9, 430, 64 57, 0%	Local 34. 56 70. 40 55. 211. 00 558. 15 313. 31 110. 22 0. 00 296. 22 367. 61 7. 123. 77 43. 0%	(PP) 34. 56 70. 40 13. 027. 60 1. 052. 54 654. 44 122. 47 0. 00 613. 80 754. 00 324. 60 16. 554. 41	Loss 2.0% Loss 10.0% Loss 10.0% Loss 2.0%
	Unit Rete Wiscellaneous covers the cost for minor Coment Aggregate (max 40mm) Sand Water	m3 materii	18 and too 378, 00 984, 00 793, 00 185, 00	kg/m3 kg/m3 kg/m3	shing, a		Plant Dai Concrète Transport	ly Opera Mixer Tr ation Ti	ing, cleaning tion tuck Capacity me * 2·L/V + on Distance		1, 371, 60 = 5, 53 hr = 4, 30 m3 = 0, 28 hr = 1, 50 km		945.66	714.34	1, 660, 00	
	Admixture	•	0, 00	kg/m3			Y : Trans	portatio	n Velocity		= 25, 00 km		73.3-4			
T0204	Concrete (Class C. 21MPs, max agg, 12cm Description	Unit	Quantity		Com	ponent (	r Rair		Total		Co	Amen hponent (PP)	Unit:	10.00 m3	Total	Remarks
L.002 L.020 M03DLL W0122 W0128 M01010 M03401 R0701-040	Foreman Unskilled Labor Portland Cement, ordinary Crushed Astraceate, transported Selected Sand, transported Vasor Subbly Admixture Concrete Batch Plant 40m3/hr with sile Truck Mixor 5.0-6.0 cu-vds (3.8-4.6m3) Miscellansous Total Components (%) Unit Rate	md ad t m3 m3 m3 kx hr hr LS	0. 06 0. 22 3. 96 3. 71 3. 57 1. 90 0. 00 0. 31 0. 65 1. 90	Lab, 100, 0% 100, 0% 0, 0% 9, 2% 12, 9% 0, 0% 3, 9% 7, 3% 10, 0%		Equip. 0, 0% 0, 0% 0, 0% 0, 0% 75, 3% 67, 1% 0, 0% 88, 6% 84, 5% 45, 0%	For	100.0% 100.0% 100.0% 40.0% 53.0% 56.5% 90.0% 48.3% 48.8% 50.0%	(FP) 576, 00 320, 00 3, 375, 00 258, 00 166, 00 118, 00 1, 980, 00 1, 160, 00	Labor 34, 66 70, 40 0, 00 68, 18 76, 41 0, 00 0, 00 23, 94 55, 04 33, 03 381, 56 2, 3% 38, 06		Equipment 0.00 0.00 0.00 0.00 720, 45, 397, 65 0.00 0.00 0.00 543, 83 148, 62 2, 447, 57 14, 53 244, 12	Foreign 0, 00 0, 00 8, 019, 00 449, 65 267, 74 12, 58 0, 00 317, 58 386, 39 165, 13 9, 608, 07 57, 04	Local 34, 56 74, 40 5, 346, 00 507, 53; 334, 86 113, 20 0, 00 296, 22 367, 61 165, 13 7, 235, 54 43, 0%	34. 56 70, 40 13, 365, 00 957, 18	Loss 2.0% Loss 10.0% Loss 10.0% Loss 2.0%
	Migrellaneous covers the cost for minor Cement Cement Aggregate (max 20mm) Sand Sand Admixture	materia	894, 00 1 894, 00 1 846, 00 1 190, 00 1	kg/m3 kg/m3 kg/m3 kg/m3	shing, s	1	Plant Dai Concrete Transport Trans	ly Opera Hixer Tr Stion Ti portatio		, etc.	= 5.53 hr = 4.30 m3 = 0.28 hr = 1.50 km = 25.00 km	_		(F). PSI	H don't ha	

W0205	Concrete (Class AA1, 28MPs, max agg. 25	ina)	,				i Pia		· · · · · · · · · · · · · · · · · · ·	<del></del>			Ime	Unit:	10,00	13	
Item No.	Description	Unit	Quantity	Lab.		ponent ( Equip.	t Rete (%) For,1	Lacal	Total (PP)	Labor			Amo pohent (PP) tulpment		Local	Total (PP)	Remarks
L020 H0301 I W0122 W0128 H01010 M03401 R0701-040	Foreman Unskilled Labor Portland Cement, ordinary Crushed Americant, transported Selected Sand, transported Water Supply Adelxture Concrete Batch Plant 40m3/hr with silo Truck Mixer 8.0-8.0 cu-vds (2.8-4.6m3) Miscellaneous Commonmuts (%)	md md t m3 m3 ke hr hr LS	0.06 0.22 3.76 4.70 2.76 1.55 9.38 0.31 0.65	100, 0% 100, 0% 0, 0% 9, 2% 12, 9% 0, 0% 0, 0% 3, 9% 7, 3% 10, 0%	0.0% 0.0% 100.0% 15.5% 20.0% 100.0% 100.0% 7.5% 8.2% 45.0%	0.0% 0.6% 0.6% 75,3% 67,1% 0.0% 88.6% 84.5%	0.0% 0.0% 60.0% 47.0% 43.5% 10.0% 70.0% 51.7% 61.2%	100. 0% 100, 0% 40, 0% 53, 0% 56. 8% 90, 0% 48. 3% 48. 8% 50. 0%	576. 00 320. 00 3, 376. 00 258, 00 166. 00 66. 20 118. 00 1, 980, 00 1, 160. 00	34. 70. 0. 111. 59. 0. 23. 55. 34.	40 00 71 08 00 00 94 04 09 81	0, 00 0, 00 12, 690, 00 188, 20 91, 74 102, 61 1, 105, 84 46, 04 61, 83 153, 39 14, 440, 63 83, 1X	0.00 0.00 912.70 307.35 0.00 0.00 643.83 637.13 153.39 2.564.30 14.7%	0, 00 0, 00 7, 614, 00 569, 63 199, 26 10, 26 774, 79 317, 58 386, 39 170, 43 10, 042, 34 57, 8%	34. 56 70. 40 8. 076. 00 642. 97 258. 90 92. 35 332. 05 296. 22 367. 81 170. 43 7. 341. 49 42. 23	34, 56, 70, 40 12, 690, 00 1, 212, 60 458, 16 102, 61 1, 106, 84 613, 80 754, 90 340, 86 17, 383, 81 100, 00, 17, 740, 90	Loss 2.0% Loss 10.0% Loss 10.0% Loss 2.0%
	Unit Rate Miscellaneous covers the cost for minor	mater:	als and too	s for wa	ashing, s	creenin	g, weight	ng, tes	ting, cleanin		92	= 5.63 hr	200, 001	1,005,171	734, 831	1, 740, 00	
	Coment. Aggregate (max 25mm) Sand Water Admixture Concrete (Class AA2, 28MPs, max agg.20	) <sub>88</sub> )	369. 00 1, 132, 00 655, 00 155. 00 0, 92	kg/p3 kg/p3			Transpor L: Tran V: Tran	Mixer T tation T sportsti	ruck Capacity Ime = 2-L/Y + on Distance on Volocity			4,30 m3 0,28 hr 1,50 km 25,00 km/		- Unit:	10. <u>00</u> n		<del></del>
ltem No.	Description	Unit	Quantity	Lab.	Com Mat	Juellod	it Rate (%) For,	Loca]	Total (PP)	Labor		Material E	ponent (PF) quibment	Foreign	Local	Total (PP)	Remarks
M03401 R0701-040	Foreman Unskilled Labor Portland Coment. ordinary Crushed Aggresate. transported Selected Sand, transported Water Supply Admixture Concrete Batch Plant 40m3/hr with wilo Truck Mixer B. 0-6.0 cu-vds (3,8-4.6m3) Macellaneous Total Components (%)	nd nd t m3 m3 m3 kg hr hr LS	0, 06 0, 22 4, 01 4, 16 3, 00 1, 55 10, 00 0, 31 0, 65 1, 00	100.0% 100.0% 0.0% 9.2% 12.9% 0.0% 0.0% 3.9% 7.3% 10.0%	0.0% 0.0% 100.0% 15.5% 20.0% 100.0% 100.0% 7.5% 8.2% 45.0%	0. 0% 0. 0% 75, 3% 67, 1% 0. 0% 88, 6% 84, 5%	0. 0% 0. 0% 60. 0% 47. 0% 43. 5% 10. 0% 70. 0% 51. 7% 51. 2%	100, 0% 100, 0% 40, 0% 53, 0% 56, 5% 90, 0% 48, 3% 48, 8% 50, 0%	576, 00 320, 00 3, 375, 00 258, 00 166, 00 66, 20 118, 00 1, 980, 00 1, 160, 00	98. 84. 0. 0. 23. 55. 35.	40 00 63 21 00 00 94 94 73	0, 00 0, 00 13, 533, 75 166, 17 99, 71 109, 23 1, 180, 00 46, 183 160, 76 15, 367, 51 84, 38	0.00 0.00 0.00 805.89 334.07 0.00 9.00 543.83 637.13 160.78 2.481.70	0.00 0.00 8.120.25 502.97 216.69 10.92 826.00 317.68 385.39 178.84 10.559,35	34. 56 70. 40 5, 413. 50 567. 73 281. 41 99. 31 354. 00 296. 22 367. 81 179. 64 7, 662. 38	34, 56 70, 40 13, 533, 75 1, 070, 70 498, 00 109, 23 1, 180, 00 613, 80 754, 00 357, 29 18, 221, 73	Loss 10.0% Loss 10.0%
	Unit Rate Miscellaneous covers the cost for minor	m3 materi	als and too	ls for w	ashing,	creenin:	g, weighi	ng, tes	ing, cleanin	38.	21	1, 533. 92	247, 87	1, 054, 68	765, 32	1,820.00	
	Cement Aggregate (max 20mm) Sand Water Admixture Concrete (Class PP. 41MPs, max pgg. 20s	:	393.00 999.00 713.00 165.00	kg/m3 kg/m3			Transpor L : Tran	Mixer T tation T sportati	stion ruck Capacity ima = 2·L/Y • on Distance on Yelocity			* 5. 53 hr * 4. 30 m3 * 0. 28 hr * 1. 60 km * 25. 00 km/1		Մոն:		.a	
[tem No.	Description	Unit	Quantity		Com	ponent	it Rate		Total		==		ponent (PP)			Tota) (PP)	Remarks
L020 M03011 W0122 W0128 M01810 M03401 R0701-040	Foreman Unakiljad Labor Portland Cament, ordinary Crushed Awaresate, transported Salocted Sand, transported Water Sunoit, Admixture Concrete Batch Plant 40m3/hr with silo Truck Mixer 5.0-6.0 cu-vds (3.8-4.6m3) Mixeo Lancous	md t m3 m3 m3 kg hr	0. 06 0. 22 4. 79 3. 98 3. 01 1. 55 12. 04 0. 31 0. 65	Leb. 100.0% 100.0% 0.0% 9.2% 12.9% 0.0% 0.0% 3.9% 7.3%	Nat. 0. 0X 0. 0X 100. 0X 15. 5X 20. 0X 100. 0X 100. 0X 7. 5X 8. 23 45. 0X	Equip. Q. 0X Q. 0X Q. 0X 75. 3X 67. 1X Q. 0X 98. 6X 84. 5X 45. 0X	For. 0.0% 60.0% 47.0% 43.5% 10.0% 70.0% 51.7% 51,2% 50.0%	Local 100, 0X 100, 0X 40, 0X 53, 0X 56, 5X 90, 0X 30, 0X 48, 3X 48, 8X 50, 0X	(PP) 576, 00 320, 00 3, 375, 00 258, 00 166, 00 68, 20 118, 00 1, 980, 00 1, 160, 00	94. 64. 0, 0. 23. 55. 41.	56 40 00 59 43 00 00 84 04	0, 00 0, 00 16, 166, 25 159, 37 100, 04 102, 61 1, 420, 72 48, 04 61, 83 186, 20	0.00 0.00 0.00 0.00 772.88 335.19 0.00 0.00 543.83, 637.13 186,20	Foreign 0.00 0.00 9,699.75 482.37 217.31 10.25 994.50 317.58 386.39 208.89	Loca) 34, 56 70, 40 6, 466, 50 644, 47 282, 36 92, 36 426, 22 296, 22 367, 61 206, 89	34. 65 70. 40 15. 166. 84 1, 026. 84 499. 66 102. 61 1, 420. 72: 613. 80 754. 00	
	Total Components (%)										8%	18, 243, 05 86, 4%	2.476.23	12,315.05 58.4%	8, 787, 57 41, 6%	21, 102, 62 100, 0%	
	Unit Rate Miscelianeous covers the cost for minor Opeant Aggregate (max 20em) Sand Water Admixture		470, 00 960, 00 714, 00 155, 00 1, 18	kg/m3 kg/m3	ashing, a		Plant Da Concrete Transpor L : Tran	ily Oper Mixer T tation T aportati	ting, cleanin ation ruck Capacity ime = 2-1/V + on Distance on Velocity	,	431	1,824,08 = 5,53 hr = 4,30 m3 = 0,28 hr = 1,50 km = 25,00 km/	247,49 <u>f</u> hr	1, 231, 35	878. 65	2, 110, 001	L- <u></u> -J
TO211	Concrete (for PCC Pavement, 24.1MPs, a Description	Unit	Quantity		Com	Un ponent	it Rate		Tota)				ponent (PP)	unt		Total	Remarks
1.002 L020 M03011 W0122 W0128 M01010 M03401 R0701-040 R0505-060	Foreman Unskilled Labor Portiand Gement, ordinary Crushed Agregate, transported Selected Send, transported Water Sunoly Admixture Concrete Batch Plant 40m3/hr with silo Truck Mixer 5.0-6.0 eu-vds (3.8-4.6m3) Mixel Janeous  Total Concopents (%)	md md t m3 m3 m3 kg hr ht-	0. 06 0. 22 3. 06 5. 62 2. 41 1. 35 7. 65 0. 31 0. 65 1, 00	Lab. 100, 0% 109, 0% 0, 0% 9, 2% 12, 9% 0, 0% 3, 9% 7, 3% 10, 0%		Equip. 0.0% 0.0% 0.0% 75.3% 67,1% 0.0% 88.6% 84.5%	For. 9. 0% 60, 0% 47. 0% 43. 5% 10. 0% 70. 0% 51. 7% 51. 2% 50, 0%	Local 100, 0% 100, 0% 40, 0% 53, 0% 56, 5% 90, 0% 48, 3% 48, 8% 50, 0%	(FP) 576. 00 320. 00 3. 375. 00 258, 00 166. 00 66, 20 118. 00 1, 980, 00 1, 160, 00	133, 81, 0, 0, 23, 55, 29, 398,	56 40 00 57 58 00 94	Material 5. 0.00 0.00 10.327.60 225.03 80.10 89.37 902.70 46.04 61.83 131.78 11.864.35 79.45	0.00 0.00 0.00 0.00 1,091,35 268.37 0.00 0.00 843.83 697.13 131.78 2,672.47 17.9%	Foreign 0.00 0.00 6, 196.50 173.99 8.94 831.58 386.39 146,42 8,542.85 57.28 852,27	Local 34, 56 70, 40 4, 131, 00 768, 83 226, 07 80, 43 270, 81 296, 22 367, 61 146, 42 6, 392, 38 42, 88	(PF) 34. 56 70. 40 10. 327. 50 1, 449. 96 400. 06 89, 37 902. 70 613. B0 754. 00 292, 85 14. 935, 20 1, 490, 00	Loss 2.0% Loss 10.0% Loss 10.0% Loss 2.0%
	Miscellaneous covers the cost for minor Coment		300, 00	ug/m3	ashing, a		Plant Da	1ly Oper	ation	g, etc.		● 5. 53 hr			•		
W0215	Aggregate (max 20mm) Sand Water Admixture Concrete (for RCPC, 25MPa, max agg. 20m	= = = =	1, 354, 00 571, 00 135, 00 0, 75	kg/m3			Transpor L Tran	tation T sportati	ruck Capacity ime = 2·L/V ( on Distance on Velocity			= 4,30 m3 = 0,28 hr = 1,50 kn ≠ 25,00 kn/i	hr	Unic:	10,00 p	13	
Iten No.	Description	Unit	Quentity		Com	Un ponent Equip.	it Rate		Total	7.67		Com	ponent (PP)	unt		Total	Remarks
L002 L020 M03011 W0122 W0128	Foreman Unskilled Labor Portland Cement, ordinary Crushed Aggregate, transported Salacted Sand, transported Sator Supply Admixture Concrete Batch Plant 40m3/hr with silo. Truck slixer 8.0-6.0 cu-wds (3,8-4.6m3) Hiscellansous Total Components (3)	and md t and md t and md md md t and md md md md md md md md md md md md md	0. 06 0. 22 3. 74 4. 20 3. 04 1. 65 9. 38 0. 31 0. 85	0, 0% 9, 2% 12, 9% 0, 0% 0, 0% 3, 9% 7, 3%	0.0% 0.0% 10.0% 16.5% 20.0% 100.0% 100.0% 7.5% 8.2% 45.0%	Equip. 0.0% 0.0% 0.0% 76.3% 67.1% 0.0% 0.0% 88.6% 84.6%	0. 0% 0. 0% 60. 0% 47. 0% 43. 5% 10. 0% 70. 0% 51, 7% 61. 2%	Local 100, 0% 100, 0% 40, 0% 53, 0% 56, 6% 90, 0% 30, 0% 48, 3% 48, 8% 50, 0%	(PP) 576. 60 320. 00 3. 376. 00 258. 00 166. 00 166. 20 118. 00 1, 980. 00 1, 160. 00	99, 65, 0. 0, 23, 65, 33, 382.	56 40 00 82 07 00 94 04 80	Heterin   E	0.00 0.00 0.00 815.60 338.53 0.00 543.83 637.13 152.10 2.487.18 14.43	Poreign 0.00 0.00 7, 573, 50 509, 03 219, 48 10, 92 774, 79 317, 58 386, 39 169, 00 9, 960, 68 57, 68	34, 56 70, 40 5, 049, 00 574, 57 265, 16 99, 31 332, 05 296, 22 367, 61 169, 00 7, 276, 88 726, 10	(PP)  34, 56 70, 40 12, 622, 50 1, 983, 60 504, 64 109, 23 1, 108, 84 613, 80 754, 00 337, 99 17, 237, 56 100, 0% 1, 120, 00	Loss 10,0% Loss 10,0% Loss 2,0%
	Unit Rate Miscellaneous covers the cost for minor Cement Aggregate (max 20mm) Sand Water Admixture	materi	367, 00 1, 012, 00 722, 00 165, 00	kg/m3 kg/m3 kg/m3	ashing, a		Plant Da Concrete Transpor L : Tran	ily Oper Mixer T tetion T sportati	ting, cleanin ation ruck Capacity ime = 2-1./Y d on Distance on Velocity	g, etc.	.12.1	= 5, 53 hr = 4, 30 m3 = 0, 28 hr = 1, 50 km = 25, 00 km/			121		

¥0216	Concrete (for RCPC, 32MPs, max agg, 20m	m)											Unit:	(0.00 s	n3	
			1			Uni	t Rate					Amo	unt			
Item No.	Description	Unit	Quantity [			րորող (	X)		fotal			Component (PP)			Total	Renarks
l				Lab.	Hat	Equip.	_ For-	Local	(PP)	_ Labor	Material	Equipment	foreign	Local	(PP) 34.56	
	Foreman	and .	0,06	100.0X	0.0%	0.0%	0. D%	100,0%	676.00	34, 56	0.00	0, 00	0.00	34, 56	34.56	
L020	Unskilled Labor	md	0,22	100.0%	0.0%	0.0%	0.0%	100.0%	320.00	70.40	0,00	0.00	0.00	70, 40	70.40	
M03011	Portland Cement, ordinary	t	4.43	0.0%	100,0%	0.0%	60, QX	40.0%	3, 375, 00	0.00	14, 951, 25	0.00	8, 970, 75	6,980, 50	14, 961, 25	Loss 2.0%
#3122	Crushed Aggregate, transported	m3	4.06	8.2%	15,5%	75.3%	47, C%	53.0%	256, 00	96, 60	162.67	768.42	492.06	555, 42	1 041 48	Loss 10.0%
W0128	Selected Sand, transported	m3	2, 95	12.9%	20.0%	67.1%	43, 5%	56, 5%	[66, 00]	63, 14	98,05	326. 51	212.98	276, 72	489.70	Loss 10.0%
M01010	Water Supply	m3	1.66	0,0%	100.0%	0.0%	10.0%	90.0%	68. 20	0.00	109. 23	0.00	10, 92	98. 31	109, 23	
M03401	Admixture	kg	13.12	0.0%	100, 0%	0.0%	70.0%	30.0%	[18.00]	0, 00	1, 312, 16	0.00	918, 51	393, 65	1, 312, 16	Loss 2, 0%
R0701-040	Concrete Batch Plant 40m3/hr with silo	'nτ	0.31	3.9%	7, 5%	88.6%	ăl. 7%	48, 3%	1,980,00	23.94	46, 04	543. B3	317, 58	296, 22	613.80	
RO605-060	Truck Mixer 5.0-6.0 cu-vds (3.8-4.6m3)	br	0.65	7, 3%	8. 2%	84, 5%	51.2%	46, 8%	1, 160, 00	55.04	61.63	637. 13	395. 39	367. 61	754, 007	
	Miscellaneous	LS	1.00	10.0%	45, 0%	45.0%	50.0%	50.0%		36. 77	174.44	174.44	193, 83	193, 83	387, 65	2.0%
	Total	-								382.34	16, 915, 67		11, 503, 021	8, 267, 21	19, 770, 23	
	Companents (%)									1.9%	85. 6%	2.5%	58, 2%	41. 6V	100.0%	
	Lnit Rato	m3								38, 29	1, 694, 10	217.60	1, 152, 03	827. 97	1, 980, 00	
	Miscellaneous covers the cost for minor	materi	als and too	la for wa	shing, a	creening	, weight	ng, test	ing, cleaning	, etc.						

ng, weighing, tusting, cleaning, et Plant Bally Operation Concrete Mixer Truck Capacity Transportation Time = 2-L/V + .16 L: Transportation Distance V: Transportation Velocity Miscellaneous covers Cement Aggregate (max 20mm) Sand Water Admixture

W0221	Worter (t:3)												Unic:	10,00	m3	
						Ûn	t Rate						ount			
Item No.	Description	Unit	Quantily		Cor	ponent	*)		Total			Companent (PP)			Total	Remarks
L				Lab,	llat.	Equip.	For.	Local	(PP) [	Labor	Materia	Equipment	Foreign	Local	(PP)	
	Foreman	P.G	0.10	100.0%	0.0%	0.0%	0.0%	100,0%	576, 00	57, 60	0.00	0,00	0.00	57, 60	57.60	
	Unskilled Labor	md	0.30	100.0%	0,0%	0.0%	0, 0%	100, 0X	320, 00	96,00	0.00	0.00	0.00	96, 00	96,00	Ī
	Portland Cement, ordinary	1	4, 93	Q.0%j	100. D%	0.0%	60,0%	40, 0%	3, 375, 00	0.00	16, 638, 75	0.00	9, 983, 25	6, 655, 50	16, 638, 75	Loss 2.0%
W0128	Selected Sand, transported	m3	6. 11	12.9%	20.0%	67. [%	43.5%	66, 5%	166.00	130, 78	203. 68	580. 40	441. 12	573, 14	1, 014, 26	Loss (0.0%
	Water Supply	m3 ]	2.17	0.0%	100.0%	0.0%	10.0%	90.0%	68, 20	0,00	143, 65	0, 00	14. 37	129, 29	143, 65	
	Concrete Mixer 7-12 ft3/min (0.20- 0.33m3/min)	day	0.10	0, 0%	6, 1%	94.9%	54, 9%	45. 1%	700,00	0,00	3. 57	66.43	38. 41	31. 59	70.00	
	Miscellangous	ĻS	1.00	10.0%	45,0%	45.0%	50.0%	50, 0%		18, 02		81.09	80.10	90, 10	180.20	1.0%
	Total									302. 40	17, 070. 14	827, 92	10, 567, 24	7, 633, 22	18, 200, 48	
	Components (%)									1.7%	93, 8%	4. 5%	58. (4	41, 9%	100.0%	
	Unit Rate	m								30. 24	1, 706. 97	82. 79	1,056,70	753, 30	1.820.00	

| Unit Rate m3 | 3 | Miscellaneous covers the cost for minor materials and tools for washing, screening, weighing, testing, cleaning, etc. | 483.00 kg/m3 | Sand | 1,449.00 kg/m3 | Yater | 217.00 kg/m3

W0222	Mortar (1:2)												Uni:	10.00	m3	
		T				Un	t Rate					Ame	aypt			
Item No.	Description	Unit	Quantity {		Cor	ропець (	X)		Total			Companent (PP)			Tatal	Remarks
\	<u> </u>	l	اـــــــــــــــــــــــــــــــــــــ	ab.	Waz.	figurp.	For.	Local	(99)	Lapor	Maler al	Equipment	Foreign i	(aca)	(PP)	\
1,002	Foreman	md	0.10		0.0%	0.0%	0.0%	100.0%	676, 00	57, 60	0, 00	0.00	0. 00	57.60	67, 60	
L020	Unskilled Labor	md	0.30	100. C%	0, 0%	0.0%	0.0%	100,0%	320.00	96.00	0,00	0.00	0.00	96.00	96,00	
MO3011	Portland Coment, ordinary	ı.	5.36	0,0%	100.0%	0.0%	60.0%	40, 0%	3, 375, 00	0.00	21, 431, 25		12, 858, 75	8, 572, 50	21, 431, 25	LOBS 2.0%
W0128	Selected Sand, transported	<b>⋈3</b>	7.88	12. 9%	20.0%	67. 1%	43.5%	66.5%	166,00	168.67	261,91	877.50	368, 90	739. [8]	1,308.08	Loss 10,0%
	Vater Supply	<b>№3</b>	2.80	0. 0X	100.0%	0.0%	10.0%	BO: 0%	BB, 20	0,00	185, 36	0.00	19. 64	166. B2	185, 35	·
R0711-012	Concrete Mixer 7-12 ft3/min (0.20-	day	0. 10	0. 0X	5. 1%	94, 9%	54.9%	45, 1%	700, 00	0.00	3.57	66, 43	39, 41	31, 69	70,00	
	0.33m3/min)	1107	i I						100,00	-, ,-				++		·
	Hisceltaneous	I.S	1.00	10.0%	45,0%	45, 0%	50, 0%	50, 0%		23. 15	104. 17		115,74	115.74	231, 48	1.0%
	Total		L							315. 41	21, 986, 26			9,779,43	23, 379, 77	
	Components (%)									1, 5%	94.0%	4. 6%	58, 2%	41.8%	100.0%	
	Unit Rate	тЗ								34. 57	2, 200, 53	104.90	1, 361, 21	976. 79	2,340,00	

White Market To Market

¥0226	Grout (non-shrink)												Unit:		m3	
[		Γ	T			Ün	it Rate					Anc	unt			
Itam No.	Description	Unit	Quantity		Co	nponen <u>t</u>	(%)		Total			Component (PP)			Total	Remarks
		,	[	,ab,	llat.	iquip.	For	Local	(PP) [	Labor	Material	Equipment	Foreign	Local	(PP)	
L002	Foreman	nd	0, 10		0.0%		0. D%	100.0%	576, 00	57, 60	0, 00	0.00	0.00	57, 60	57. 60	
L020	Unskilled Labor	md	0.30		0, 0%			100.0%	320.00	96.00	0.00	0.00	D, 00		96. 00	i i
M03011	Portland Cement, ordinary	t	6, 35		100.0%	0.0%	60.0%	40.0%	3, 375, 00	0.00	21, 431, 25	0.00	12, 858, 75	6, 572, 50	21, 131, 25	Loss 2.0%
W0128	Selected Sand, transported	m3	6.25		20, 0%		43, 5%	56, 5%	166.00	112.37	174.50		379, 03	492. 47	87t, 50	Loss 10.0%
103402	Non-shrink Admixture	kg	19.06		100. OX	0.0%	70.0%	30, 0%	392, 00	0.00	7, 471, 52	G. DO	5, 230, 06	2, 241, 46	7, 471, 52	Losa 2,0%
MOLOTO	Water Supply	m3	2, 80	0.0%	100.0%	0.0%	10.0%	90.0%	66, 20	0, 00	185, 36	0, 00	18.54	166, 82	185.36	
R0711-012	Concrete Mixer 7-12 ft3/min (0,20-	J.,.	0.10	0.0%	6.1%	94, 9%	54.9%	45, 1%	700, 00	0.00	3, 67	66, 43	38, 41	31.59	70.00	
K0711-012	0, 33m3/min)	day	0,10				54.9%	45, 13	100,00	0.00	3. 01			31.69	70. 60	!
	Miscellaneous	_I.S	j	10.0%	45, 0℃	45, 0%	50.0%	50. C%		30, 18	135, 82	135, 82	150, 92	150.92	301. B3	1.0%
	[qta]									296, [6]	29, 402, 02	786, 89	18, 675, 70	11,809,36	30, 485, 06	
	Components (%)									1,0%	96.4%	2.6%	61.3%	39, 7%	100.0%	
	Unit Rate	g.3			,					29, 63	2, 941, 64	78, 73	1.868.49	1. [81.5]	3, 050, 00	

HOLOI	collecture 1 and 100 Louis Leutere Chian	11 COLIC	1010)										OHIL	10,00	79	
\			1			 Մո	t Rate						ounttruo			
Item No.	Description	Unit	Quantity		Cor	ponent.	X)		Total			Component (PP)			Total	Remarks
i	l <u></u> .		l	Lab,	llat,	Equip,	for	loca!	(PP)	Lahor	Hatoria)	Equipment	Foreign	Local	(PP)	
1,002	Foreman	md	0, 20		0.0%	G. 0%	0.0%	100.0%	576.00	115. 20	0,00	d. 00	0,00	115, 20	115, 20	
	Skilled Labor	nd	0.40	100,0%	0.0%	0.0%	0.0%	100.0%	41G.00	164. 00	0,00	0.00	0,00	164.00	164,00	
L020	Unskilled Labor	md	0,40	100,0%	0, 0%	0.0%	0.0%	100.0%	320.00	[28. 00	0,00	0.00	0.00	128,00	128.00	
R0702-100	Concrete Pump Vehicle 100cu-yds/hr (76.5m3/hr)	br	0. 77	0.0%	0.0%	100.0%	53.4%	46.6%	2, 190, 00	0. 00	0.00	1, 686. 30	900. 98	785. 32	1, 686, 30	
	Miacellaneous	l IS	1.00	0.0%	10, 0%	90,0%	55, 0%	45.0%		0,00	4, 19	37, 68			41.87	2.0%
	fotal									407. 20	4.19			1,211.36	2, 135, 37	
	Components (%)									19.1%	0. 2%	80.7%	43. 3%		100.0%	
	Unit Rate	ш3								40. BL	0.42	172 77	92, 50	121, 40	214, 00	
	Missellaneous severe the rest for without															

¥0232	Concrete Pouring by Pump Vehicle (rein	forced	concrete)										.Unit:	10.00	m3	
			Γ				it Rate						ount			
Item No.	Description	Սուլ	Quantity		Cor	оролові (	(%)		Total			Component (PP)	<u>.</u>		Total	Remarks
				Lab,	Mat,	Equip.	For	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(99)	,
L002	Foreman	ed	0, 20		0.0%		0.0%	100.0%	578.00	115.20	0, 00	0.00	0.00	115.20	15, 20	
1,019	Skilled Labor	nd	0,40		0.0%	0.0%	0.0%	100,0%	410,00	164. OD	0.00	0.00	0.00	164, 00	164.00	
L020	Unskilled Labor	nd l	0.40	100.0%	0.0%	0,0%	0.0%	100.0%	320, 00	128, 00	0.00	0.00	0.00	128, 00	128.00	
	Concrete Pump Vehicle 188co-yds/hr (76,5m3/hr)	hr	0, 97	0.0%	0.0%	100.0%	63. 4%	46.6%	2, 190, 00	G. DO	0, 00	2, 124, 30	1, 135. 00	989, 30	2, 124, 30	
	Hiscellaneous	LS	1,00	0,0%	10.0%	90, 0%	55.0%	45.0%		0,00	5, 06	45. 67	27. 85	22. 78	60, 63	2.0%
	Total									407, 20	5. Of	2, 169, 87	1, 162, 84	1, 419, 29	2, 582, 13	
	Components (%)									15,8%	0. 2%	81.0%	45.0%	55. CX	. 100. O%	
	Unit Rate	m3								40, 69	0, 61	216.81	116. [9]	[4].81	258.00	
	Miscellaneous covers the cost for vibrat	or, ger	erator, et	c.												

10233	Concrete Pouring by Pump Vehicle for P	Cbox	girder can	tilever	constru	ction							Unit:	10.00	m3	
			Γ΄			Uŋ	it Rate					Am	ount			
Item No.	Description	Unit	Quantity			ponent (	(a)		Total			Component (PP)			Total	Remarks
t				Lab.		Eguip.	_for.	Local	(PP)	abor	Material	_ Equipment	Foreign .	l,oca[	(PP) {	
1.002	Foreman	μo	0, 20					100.0%		115, 20	0.00	0.00	0.00	115, 20	115. 20	
	Skilled Labor	md	2, 30					100.0%	410,00	943.00	0.00	0.00	0.00	943.00	943.00	
L020	Unskilled Labor	and:	L. 40	100, DX	0.0%	0.0%	0.0%	100.0%	320,00	448,00	0.00	0.00{	0.00	448, 00	448.00	
R0702-100	Concrete Pump Vehicle 100cu-yds/hr (76,5m3/hr)	hr	1. 60	0, 0%	0.0%	100.0%	53. 4%	46.6%	2, 190.00	0, 00	0.00	3, 504. 00	1, 872, 16	1,631.64	3, 504. 00	
	Miscellaneous	LS	1,00	0,0%	_10,0%	90,0%	65.0%	45.0%		0, 00	10. 02	90, 18	55.117	45, 09	100. 20	2.0%
	[otal									1, 506, 20	10, 05	3, 594. 18	927.27	3, 183, 13	5, 110, 40	
	Companents (%)									29, 5%	0.2%	70.3%	37.7%	62. 3%	100.04	
	Unit Rate	mЗ							: -	150, 61	1.00	359, 39	192, 71	3(8, 29	511.00	
	discallangous square the onet for without		and and at													

															•	
10234	Concrete Pouring by Truck Crane	Τ	<u> </u>			Ur	it Rate				_		Unit:	10, 00 π		
Item No.	Description	Unit	Quantity	Lab.	Nat.	mponent Equip.	for.	Local	l'otal (PP)	Labor	Material	Component (PP) Equipment	Foreign	Local	Total (PP)	Remarks
L002 L019	Foreman Skilled Labor	and md	0, 20 0, 80			0.0%	0.0%		576.00 410.00	115, 20 328, 00	0. 00 0. 00	0, 00	0.00	115, 20 328, 00	115, 20 328, 00	
L020 R0402~020	Unskilled Labor Truck Crane, Hydraulic 16-20;	md hr	0.90	7,0%	7.7%	85.3%	0.0% 61.5%	48.5%	320, 00 1, 070, 00	288. 00 142. 31	0, 00 166, 64	0, 00 1, 734, 15	0, 00 1, 046, 03	288.00 986, 97	288, 00 2, 033, 00	
	Miscellaneous Total	<u> </u>	1,00		10.0%	90,0%	55.0%	45.0%		0, 00 873, 5t	5, 53 162, 07	49, 76 1, 783, 90	30. 41 1, 976, 43	24. 88 1, 743, 05	55, 28 2, 8)9, 48	2.0%
	Components (%) Unit Rate	m3					=			31.0% 87.37	5, 7% 16, 21	63, 3% 178, 42	38. 2% 107, 66	61.8% 174, 34	100.0% 282.00	
L	Miscellaneous covers the cost for vibra	tor, co	ncrete buc	ket, etc.					·	311311		7.2.121	10(100)		201.001	
T0235	Concrete Pouring by Manpower for small	l struc	tures	,			it Rate					- Ava	Unit:	10,00 m	3	
lzem No.	Description	Unit	Quantity			пранеђі	(%)	1 (1.5.1	Total (PP)	1.1	0 - 1.1	Amo Component (PP) Equipment	unt		Total	Remarks
L002	Foreman	nd	0.80	100.0%	0, 0%	Equip. 0.0%	For.	100.0%	576, 00	Labor 460, 80	0,00	0.00	0.00	Local 460, 80	(PP) 460. 80	
L019	Skilled Labor Unskilled Labor	nd nd	1, 60 3, 50	100.0%	0.0% 0.0%		0.0% 0.0%	100.0%	410.00 320.00	656.00 1, 120, 00	0, 00 0, 00	0,00	0. 00 0. 00	656, 00 1, 120, 00	656.00 1.126.00	
	Niscellangous Total	LŞ	1,00	0.0%	10.0%	90.0%	55,0%	45,0%		0, 00 2, 236, 80	4, 47	40, 26 40, 26	24, 60 24, 50	20. 13 2, 256. 93	44, 74 2, 281, 54	2,0%
	Components (%)Unit Rate	m3						_		98, 0% 223, 53	0, 2% 0, 45	1.8% 4.02	2, 46	98. 9% 225. 54	228.00	
	Miscellaneous covers the cost for chute	. vibra	tor. suppo	rts, show	els, etc											
W0238	Concrete Curing (plain concrete)					Un	it Rato				<del></del>	Ала	Unit:	LO, 00 m	3	
item No.	Description	Unit	Quantity	Lab.	Co.	mponent Equip.	(%) For	Local	Total (PP)	Labor	Majorial	Component (PP) Equipment	Foreign	Local	Total (PP)	Remerks
L020	Unakilled Labor	nd 1S	0.20	100.0%	0. 0% 30. 0%	0.0% 70.0%	0.0% 55.0%	100,0%	320, 00	64.00 0,00	0, 00 7, 87	0.00 18.37	0.00 14.43	64. 00 11. 81	64. 00 26. 24	41.0%
	Miscellaneous Total		1.1.20	4.9%	33.04		55.08			64,00	7,87	18. 37	14, 43	75, 81	90, 24	71.04
	Communents (%) Unit Rate	п3		<del> </del>						70. 9% 5. 40	8.7% 0.79	20, 4% 1, 84	16.0%	84. 0% 7. 58	100.0%	
	Miscellaneous covers the cost of equipm	ent and	malerials	necessat	y lor wa	tering s	uch as p	umps, ge	nerator, tuel	, curing shee	ts, etc,				_	
W0237	Concrete Curing (reinforced concrete)	T	Γ				it Rate					Апо	Unit:	10.00 m		
Item No.	Description	Unit	Quentity	Lab.	Hat.	Equip.	For.	Local	Total (PP)	Labor	Materia!	Equipment (PP)	Foreign	Local	Total (PP)	Remarks
L020	Unskilled Labor Miscellaneous	nd LS	0, 10 t, 00		0. 0% _30. 0%	0.0% 70.0%	J 0.0%	100.0% 45.0%	320.00	32, 00 0, 00	0.00 3.26	0.00 7.62	0. 00 5, 98	32, 00 4, 90	32, 00 10, 88	34. 0%
	Total Commonents (%)			_						32, 00 74, 6%	3.26 7.6%	7. 62 17. 8%	5. 98 14, 0%	36, 90 86, 0%	42, 88 100, 03	
	Unit Rate Miscellaneous covers the cost of equipme	m3 ent and	materials	necessar	v for wa	tering s	uch as p	umbs. ge	norstor, fue	3,20	0,33	0.76	0.60	3, 69	4. 29	
W0240	Formwork (plain concrete H<4m)									,			Unit:	100, 00 m	2	
Item No.	Description	Unit	Quantity		- Cor	Un mponent	it Rate		Tota)			Amor component (PP)			Total	Remarks
1.002	Foreman	mc	3, 20	Lab. 100.0%	Mat. 0.0%	Enuip 8,0%	For. 0.0%	Local 100.0%	(PP) 576, 00	Labor 1, 843, 20	Material 0.00	Equipment 0.00	Foreign 0.00	Local 1,843.20	(PP) 1, 843, 20	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1.005	Carpenter	md	14. 80 14. 90	100.0%	0.0%	3.0% 9.0%	0.0%	100.0%	451.00 320.00	8, 674, 80 4, 768, 00	6, 00 0, 00	0, 00 0, 00	0, 00 0, 00	6, 674, 80 4, 758, 00	6, 674, 80 4, 768, 00	
L020 M05001	Unskilled Labor Formwork Lumber, use 4 times	md m3	1, 62	0.0%	100, 0%	0,0%	5. 0%	95.0%	3,700.00	0.00	5, 994, 00	0.00	299. 70	ā, 694. 30	5, 994, 00	
MOE002	Formwork, Plywood 6x1200x2400, use 3 times	m2	100.00		100.0%	0.0%	5. 0%	95.0%	27.00	0. 00	2, 700. 00	0.00	135.00	2, 565, 00	2, 700, 00	
<u> </u>	Miscellaneous Total	L.S	1, 00	0, 0%	50.0%	40.0%	50, 0%	50.0%		0.00 13,286,00	263.76 8,957,76	175. 84 175. 84	219.60 654.50	219, 60 21, 785, 10	439, 60 22, 419, 60	2.0%
	Components (%) Unit Rate	п2								59. 3% 132, 74	40. 0% 89. 50	0, 8% 1, 78	2. 9% 5. 54	97. 1% 217. 46	100, 0X 224, 00	
	Miscellaneous covers the cost for, nails	s, elec	iric drill,	EBVS. B	eparator	a, Bouet	ator, et	c.								
W0241	Formwork (reinforced concrete H<4m)	r –	<del></del>	г –		Un	it Rate				<del></del>	Amou	Unit:	[00.00 m²	<u> </u>	<del> ,</del>
Item No.	Description	Unit	Quantity	Lab.		npanent Equip.	(%) For.	Local	Total (PP)	Labor	Material (	omposent (PP) Equipment	Foreign	Local	Total (PP)	Remarks
L002 L005	Foreman Carpenter	nd nd	3, 20 16, 40	100.0% 100.0%	0, 0% 0, 0%	0. 0% 0. 0%	0. 0% 0. 0%	100.0%	575, 00 451, 00	1, 843, 20 7, 396, 40	0.00 0.00	0, QQ 0, QQ	0. 00 0. 00	1, 843, 20 7, 396, 40	1, 843, 20 7, 396, 40	
L.020	Unskilled Labor	nd m3	13. 40 1. 62	100.0%	0. 0% 100. 0%	0.0% 0.0%	0.0% 5.0%	100.0% 95,0%	320.00: 3,700.00	4, 288. 00 0. 00	0.00 5,994.00	0, 00	0.00 299.70	4, 288, 00 5, 694, 30	4, 286, 00 5, 994, 00	
H05001	Formwork Lumber, use 4 times Formwork, Plywood 8x1200x2400, use 3	#A2	100.00	0.0%	100,0%	0.0%	5,0%	95.0%	27, 00	0.00	2,700.00	0.00	135.00	2, 565, 00	2, 700. 00	
	times Miscellaneous	1.5	1.00	0,0%	60. OX	40.0%	50, OX	50.0%		0,00	266, 66	177, 77	222. 22	222, 22	444, 43	2,0%
	Total Components (%)									13,527,60 59,7%	8, 960. 66 39, 5%	177. 77 0. 8X	656, 92 2, 9%	22, 009. 12 97, 1%	22, 668, 03 100, 0%	
	Unit Rate Wiscellaneous covers the cost for, hails	m2 s, elec	tric drill,	savs, s	eparator	s, gener	etor, et	<u></u>		135, 48	89. 74	1,78	6.58	220, 42	227, 00	
W0242	Formwork (reinforced concrete H≥4m)	,											Unit:	[00,00 m2	3.	
Item No.	Description	Unit	Quantity			пропеда			Total			Amou omponent (PP)			Total	Remarks
L002	Foreman	md	3. 10	lab. 100.0%	0.0%	Equip. Q. OX	0.0%	Locs)	(PP) 576.00	Lahor 1, 785. 60	Natoria) 0.00	Equipment 0.00	Fore 3 gn 0.00	Local 1, 785, 60	(PP) 1,785.60	
1005 1020	Carpenter Unskilled Labor	nd nd	15.90 13.00	100.0% 100.0%	0. 0% 0. 0%	0.0% 0.0%	0. D% 0. D%	100.0%	451, 00 320, 00	7, 170, 90 4, 160, 00	0,00	0, 00 0, 00	0, 00 0, 00	7, 170, 90 4, 160, 00	7, 170, 90 4, 160, 00	
\$0600 L	Formwork Lumber, use 4 times Formwork, Plywood 6x1200x2400, use 3	<b>m</b> 3	1.62	0.0%	100.0%	0.0%	5.0%	95.0%	3,700,00	9,00	5, 994, 00	0.00	299, 70	5, 694, 30	5, 994, 00	
NO5002 R0402-020	times Truck Crane, Hydraulic 16-20t	⊪2 hr	100, 00 5, 71	0.0% 7.0%	100.0% 7.7%	0.0% 85.3%	5.0% 51.6%	95. 0% 48. 5%	27, 00 1, 070, 00	6.00 427.68	2, 700, 00 470, 46	0.00 5,211,67	135, 00 3, 143, 59	2, 565, 00 2, 966, 11	2, 700, 00 6, 109, 70	
	Miscellaneous Total	<u>iš</u>	1.00	0.0%	60. 0X	40.0%	50.0%			0,00 13,544,18	335, 04 9, 499, 49	223, 35 5, 434, 94	279, 20	279, 20 24, 521, 11	558, 40 28, 478, 60	2, 0%
	Components (%)	<b>p</b> 2								47. 6% 135, 64	33. 4% 95. 07	19. 1% 54, 39	3, 857, 49 13, 5% 38, 60	86, 5% 246, 40	100.0% 285.00	
	Unit Rate Miscellaneous covers the cost for, mails		tric drill,	savs, s	eparator	s, gener	ator, et	c		129:27.					500.00	
¥0243	Formwork (lean concrete)					Per	it Rata		<del></del>			Amou	Unit:	10.00 m2	<u> </u>	
Item No.	Description	Unit	Quantity	Lab.	Con Mai,	ponent Equip,	t Rate (%) For.	Lacel	Total (PP)	Labor	Natorial	opponent (PP) Equipment	Foreign	Local	Total (PP)	Remarks
L002	Foreman	nid	0.10	100.0%	0.0%	0.0%	0.0%	100.0%	576. OO	57, 60	0.00	0,00	0.00	57.60	57.60	
1,005 1.020	Carmenter Unskilled Labor	md md	1, 00 0, 40	100.0%	0.0%	0.0%	0.0% 0.0%	100.0%	451.00 320,00	481, 00 128, 00	0.00	0. 00 0. 00	0, 00 0, 00	451, 00 128, 00	451.00 128.00	
NO5001 NO5002	Formwork Lumber, use 4 times Formwork, Plywood 6x1200x2400, use 3	m3 m2	0. 16 10. 00	0, 0%	100.0%	0.0%	5. 0% 5. 0%	95.0% 95.0%	3, 700, 00 27, 00	0.00 0.00	592, 00 270, 00	0. 00 0. 00	29.60 13.50	662. 40 256. 50	592.00 270,00	ĺ
20000	times Miscellaneous	LS	1.00	_ 0, 0%	60.0%	40.0%	50.0%	50.0%	200	0.00	17, 98	11, 99	14.99	14.99	29.97	2.0%

**T**0244 Formwork for Bridge Superstructures Component (%) Unit: Total (PP) 576.00 451.00 320.00 3,700.00 Am Component (PP Equipment 0,00 0.00 0.00 0.00 Total (PP) 288.00 1, 172.60 578,00 592.00 Remarks Icem No. Description Unit Quant i ty Material 0,00 0.00 0,00 592.00 Labor 288, 00 1, 172, 60 576, 00 0, 00 288.00 1.172.60 576.00 562.40 Lab. 100. 0% 100. 0% 100. 0% 0, 0% For. 0. 0% 0. 0% 0. 0% 6. 0% Local 100, 0% 100, 0% 100, 0% 96, 0% Foreitan
Carpenter
Unskilled Labor
Formwork Lueber, use 4 times
Formwork Jynood 6x120x2400, use 3
times
Truck Crane, Hydraulic 16-20t
Miscallancous
Total L002 L005 L020 M05001 nd nd nd 95.0% 13. 50 M05002 m2 LO. 00 Q. 0% 100.0% 0.0% 5. 0% 27, 00 0.00 270.00 0, 00 256, 50 270.00 42, 69 0, 00 2, 079, 29 58, 1% 208, 01 296. 09 36. 09 3, 186, 68 89. 0% 318. 79 609, 90 70, 17 3, 678, 67 109, 0% 358, 00 48. 8% 60. 0% 46, 96 42, 10 951, 06 26, 6% 520, 24 28, 07 548, 31 15, 3% 54, 85 313.81 35.09 391.99 1,070.00 R0402-020 0. 57 L 00: 7. 7% 60. 0% 85, 3% 40, 0% 51.5% 60.0% 2. 0% 

60.0% 40.0% 50.0% 50. 00 14, 99 58, 09 3, 8% 5, 81

29.97 1.528.57 100.0% 153.00

Commonents (%)

Win, Rate

Wiscellaneous covers the cost for na(ls, electric dr(l), saws, generator, etc.

W0245	Formwork Installation and Removal for	PC Bo:	x Girder (	Cantiley	or Const	ruction)							Unit	: 10.00	) m2	
Item No.	Description	Unit	Quantity	Lab,	Slat.	imponent Equip	it Rate (%) For	Local	Total (PP)	Labor	Material	Component (P Equipment	P) Foreign	Local	Total (PP)	Remarks
L002 L006	Foreman Carpenter	,mc	0, Si 4, 13	3 100. OX	0.0%	i  0.0%	0.0%	100.0%	576.00	334, 08	0, 80	0,0	0,00	334.06	334.08	
L020 N05001	Unskilled Labor Formwork Lumber, use 4 times	md m3	2. 24 0. 10					100.0% 95.0%						729.60	729.60	
N05002	Formwork, Plywood 5x1200x2400, use 3 times	m2	10.00	1		1	5.0%	95.0%	27. 00	0.00	1		13.60	256.50	270.00	ļ
R0102-020	Niscellaneous	hr LS	0. 80				51. 5% 58, 0%	48, 5% 45, 0%	1,070,00	59, 92 0, 00		730, 11 9, 28	3 <u>  51.0</u> 4	1 41,76	92, 80	
	Total (Y)			<u> </u>						2, 981, 72 63, 0X	21.47	15, 69	11.35	88.7%	100.0%	
L	Miscellaneous covers the cost for, hail	5. Blac	tric drill	, 58VS, 1	teparator	rs, gene)	ator, e	LC.	<del></del>	298.01	101,09	73, 90	53, 43	419.57	473,00	
₩025L	Reinforcement Grade 40, cutting, bend	ing & c	ssembly	<del>,</del>	<del></del>	Un	íl Rate			ı <del></del>		A	Unit:	1,000,00	.ke.	
Item No.	Description	Unit	Quantity	Lab.	Co Mat.	equip.		Local	Total (PP)	Labor	Material	Component (P Equipment	P) Foreign	Local	Tota) (PP)	Remarks
L002 L006	Foroman Re-Bar Worker	nd nd	0.70	100.0%	0.0%	0.0%	0.0% 0.0%	100.0%			0.00	0. 00 0. 00	0.00	1,886,00		
L019 1.020	Skilled Labor Unskilled Labor	nd nd	0.60 3.20	100.0%	0.0%		0.0% 0.0%		410, 00 320, 00		0, 00 0, 00		0,00	1,024.00	1, 024, 00	i
M02001 R0402-025	Reinforcing Bars. Grade 40 Truck Crane, Hydraulic 21-25:	kg hr	1, 070, 00	6,6%	6.8%	87.6%		48.0%	16, 00 1, 330, 00	0. 00 42. 45	17, 120, 00 51, 55	684. 10	393, 92	364. 18	758. LO	Loss 7.0%
	Mincellaneous Total	ĻŞ	1,00	0,0%	40.0%	60, 0%	\$5,0%	45.0%		0,00 3,601,65	771, 74 17, 943, 29 76, 8%	1, 821, 71	12, 583, 07	10, 783, 59		9,0%
	Commonents (%) Unit Rate Miscellaneous covers the cost for ber of	kg.	han bandar	hinding						15, 4% 3, 61						
W0252	Reinforcement Grade 60, cutting, bend			, umain	, ,,,,,,	,,,4.4,, 4	•						Unit:	1,000,00	ke	
Item No.	Description	Unit	Quantity		Сп	Un mpanent	(t Rate (%)		Total			Component (Pf	mount		Tota!	Romarks
L002	Foreman	ad	0, 70	Lab. 100, 0%		Equip, 0.0%	For. 0.0%	Local 100, 0%	(PP) 578, 00	Labor 403, 20	Material 0,00	Equipment 0,00	Foreign 0,00		(PP) 403, 20	
L008	Re-Bor Worker Skilled Labor	md md	4, 60 0, 60	100.0%	0.0%		0.0% 0.0%	100.0%	410, 00 410, 00		0. 00 0. 00	0.00	iĮ 0.00	246,00	1, 886, 00 246, 00	
1.020 H02002	Unskilled Labor Reinforcing Bars, Grade 60	nd kg	3. 20 1, 070. 00	0.0%		0,0% 0.0%	0.0% 65.0%	100.0% 35.0%	320. 00 17. 00		0.00 18, 190.00	0.00	11, 823, 50	6, 366, 50	1, 024. 00 18, 190. 00	Loss 7.0%
R0402-025	Miscellaneous	hr LS	0, 57 			87. 6% 60. 0%	52.0% 55.0%	48.0% 45.0%	1.330.00	0.00	61. 55 810. 26 19. 051. 81	1, 215, 39	1.114.11	911, 55	758, 10 2, 025, 66	9, 0%
	Total Companents (%) Unit Rate									3, 601, 65 14, 7% 3, 60	77. 7% 19. 03	1, 879, 49 7, 7% 1, 88	54, 3%	45. 7%	24. 532. 96 100, 0% 24. 50	
<del></del>	Miscellaneous covers the cost for bar co	utter.	bar bender	binding	wire, s	pacer, e	te.			3.00	10.03	1, 1, 00	1 19.31	L	24. 301	
T0303	Precent Reinforced Concrete Pipe (Star	ndard S	trength 28	MPa), f	bricatio		(18°) it Rate					Ar	Unit:	10,00	<u>m</u>	
Item No.	Doscription	Unit	Quantity	Lab.	Mat.	Equip.		Local	Total (PP)	Labor	Material	Component (PF Equipment	Foreign	Local	Tota) (PP)	Romarks
¥0215 ¥0232	Concrete (for RCPC, 25MPa, max Concrete Pouring by Pump Vehicle	Eng Eng	1. 03 1. 01		83, 4% 0, 2%	14. 4% 84. 0%	57, 8% 45, 0%	42. 2% 55. 0%	1,720,00 258.00	39, 33 41, 09	1, 476, 65 0, 51	255, 62 218, 98	1,023.71	Local 747. 89 143, 23	1, 771. 60 260. 58	Loss 2.0%
W0237	(roinforced concrete) Concrete Curing (reinforced concrete)	m3	1.01	74. 6%	7.6%	17. 8%	14. 0%	86.0%	4. 29	3.23	0. 33	0. 77	0.80		4.33	
W0252	Reinforcement Grade 60, cutting, bending & assembly	kg	92. 20	14.7%	77.7%	7, 7%	64. 3%	45. 7%	24. 50	331. 63	1, 754, 22	173. 06	ı	1,031.38	2, 258. 90	
R0402-010 R0601-006	Truck Crane, Hydraulic 6-10: Dump Truck, 6.0-9.0 cu-vds (4.6-6.9m3)	hr	0, 12 0, 15 1, 00	10.1%	9.3%	75. 2% 72. 0%	46. 9% 50. 7%	53. 1% 49. 3%	486. 00 604. 00	9. 04 9. 15	8. 42 18. 22:	43. 86 65. 23	45.93	30, 94 44, 67	58, 32 90, 60	
	Miscellaneous Total	LS	1,00	10,0%	30, 0%	60. ON	45, 0%	55.0%		80, 00 513, 46 9, 8%	239, 99 3, 493, 35 66, 6%	479, 99 1, 237, 50 23, 6%		439, 99 2, 141, 83 46, 64	799, 98 5, 244, 31 100, 0%	18.0%
	Components (%)  Unit Rate  Miscellaneous covers the cost for depres	iation	of pould	nd maint	enanca o	f febric	Ilab va	rd mino	r tools and d	51.30	349. OS	123, 65		243. 98		
¥0304	Precast Reinforced Concrete Fipe (Star							147 #11/4	COOLD BILL O				Unit:	10.00	т	
Itam No.	Description	Uniz	Quantity		Cor		t Rate		Total			An Component (PP	ount		Total	Remarks
¥0215	Concrete (for RCPC, 25MPa, max	m3	1, 60	Leb. 2. 2%	Mat. 83.4%	Equip. 14. 4%	For: 67. 8%	Local 42. 2%	(PP) 1, 720. 00	.abor 61.09	Material 2,293.83	Equipment 397. 08	Foreign 1, 590, 24	Local 1, 161, 76	(PP) 2, 752. 00	Loss 2.0%
W0232 W0237	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	l. 57	15.8%	0. 2%	84. O%	45.0%	55.0%	259, 00	63, 88	0.79	340, 39	182. 42	222. 64	105. 08	Ì
W0252	Concrete Curing (reinforced concrete) Reinforcement Grade 60, cutting,	m3 kg	l. 57 160, 70	74.6% 14.7%	7. 5% 77. 7%	17. 8% 7. 7%	14. 0% 54. 3%	85. 0% 45. 7%	4, 29 24, 50	5. 03 578. 01	0, 51 3, 057, 51	1, 20 301, 63	0, 94 2, 139, 50	5. 80 1, 797, 65	6. 74 3, 937, 15	
R0402-010 R0601-006	bending & assembly Truck Crane. Hydraulic 6-t0: Dump Truck, 6.0-9.0 cu-yds (4.6-6.9m3)	hr hr	0. 1B 0. 24	16, 5% 10, 1%	9. 3% (7. 9%	75, 2% 72, 0%	46. 9% 50. 7%	53, 1% 49, 3%	486, 00 604, 00	13. 56 14. 64	8. 14 25, 95	65. 78 104, 37	41.07 73,49	46, 41 71, 47	87, 48 144, 96	
	Miscellaneous Total	_ <u>:::</u> _	1,00		30, 0%	60.0%	45, 0%	55.0%		132, 00 868, 20	396.00 5, 782, 74	792, 01 2, 002, 46	594, 00 4, 621, 65	726. 01 4, 031. 75	1, 320, 01 8, 653, 40	18.0%
	Components (%) Unit Rate	m								10.0% 86.79	66.8% 578.05	23, 1% 200, 17	53. 4% 461. 98	46, 6% 403, 02	100, 0% 865, 00	
	Miscellaneous covers the cost for deprec							rd, minoz	tools and d		ng, etc.					
W0305	Precest Reinforced Concrete Pipe (Stan	1		MPa), fa		Uni	t Rate					Am	Unit:	10,00		
1tem No. 90215	Description Concrete (for RCPC, 25MPs, max	Unit m3	Quantity 2.30	£ab, 2.2%		Equip. 1	For. 57. 8%	Joca 1 42, 2%	Total (PP) 1,720,00	Labor 87, 81	Material 3, 297, 38	Component (PP Equipment 570.81	Foreign 2,285.97	Local 1,670.03	Tota) (PP) 3, 956, 00	Remarks Loss 2,0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	2. 25	15, 8%	0. 2%	B4. 0%	45.0%	55. O%	258.00	91. 54	a, 297, 38 1. t4	487, 82	2, 265, 97	319.08	580, 60	Loss 2, UX
W0237	Concrete Curing (reinforced concrete) Reinforcement Grade 60, cutting,	m3	2. 25	74. 6%	7.6%	17. 8%	14.0%	86.0%	4, 29	7. 20	0.73	1.71	1. 35	8, 30	9, 65	
W0252 R0402~010	bending & assembly Truck Crame, Hydraulic 6-10t	kg hr	247. 00 0. 26	14. 7% 16. 5%	77. 7% 9. 3%	7. 7% 75. 2%	64.3% 46.9%	45, 7% 53, 1%	24, 50 486, 00	888, 41 19, 59	4, 699, 48 tt. 76	463. 51 95. 02	3, 288, 46 59, 32	2, 763, 04 87, 04	6, 051, 50 126, 36	
R0601-006	Dump Truck, 6.0-9.0 cu-vds (4.6-6.9m3) Hiscollangous	hr LS	0. 34 L. 00	10.1%	17. 9% 30. 0%	72. 0% 60. 0%	50, 7% 45, 0%	49.3% 55.0%	604.00	20. 74 [96. 73]	36.76 690,19	147.86	104. 11 885, 28	101, 25	205. 36 1, 967, 29	18.0%
	Total Components (%)					=				1,312,03	8, 637, 43 67, 0%	1, 180, 37 2, 947, 20 22, 9%	6, 885, 90 53, 4%	6, 010, 75 46, 6%	12, 895, 66	
L	Unit Rate Miscallaneous covers the cost for deprec	m iation	of mould a	nd mainte	nance of	ffebrice	tion yas	d minor	tools and de	131, 24	863, 97 hg, etc.	294, 80	689,77	601.23	1, 290, 00	
W0306	Precast Reinforced Concrete Pipe (Stan	dard S	trength 25	MPa), fai	bricatio				· · · · · · · · · · · · · · · · · · ·				Unit:	10,00	·	<del></del>
Item No.	Description	Unit	Quantity	Lnb.	Com	popent (	t Rate () For	Local	Total (PP)	Labor	Matorial	Component (PP) Equipment	Ount )	,ocal	Total (PP)	Remarks
W0215	Concrete (for RCPC, 25MPa, max Concrete Pouring by Pump Vehicle	m3	3. 10	2. 2%		Equip. 14. 4%	57, 8%	42. 2%	1,720.00	116.36	4, 444, 30	769. 35	Foreign 3,081.08	2, 250. 92	5, 332. 00	Loss 2.0%
W0232 W0237	(reinforced concrete) Congrete Curing (reinforced concrete)	m3 m3	3. 04 3. 04	15. 8X 74. 6X	0. 2% 7. 6%	84. 0% 17. 8%	46.0% 14.0%	56. 0% 86. 0%	258. 00 4. 29	123. 69 9. 73	l. 54 0. 99	689. (0 2. 32	353.21 1.82	431, 11 11, 22	784. 32 13. 04	- 1
₩0252	Reinforcement Grade 60, cutting, bending & assembly	kg	415, 30	14. 7%	77. 7X	7.7%	54. 3%	45. 7%	24.50	1, 493, 76	7, 901. 59	779, 60	5, 529, 15	4, 645, 70	10, 174, 85	l
	Truck Crane. Hydraulic 6-10t	hr ht	0, 36 0, 46	18, 5% 10, 1%	9. 3% 17. 9%	75. 2% 72. 0%	46. 9% 50, 7%	53. 1% 49. 3%	486. 00 604. 00	27. 12 28. 06	16.27 49.73	131. 57 200. 04	82. [3 140. 85	92. 63 136. 99	174, 95 277, 84	
	Dump Truck, 6.0-9.0 cu-vás (4.6-6,9m3)												057.00			
	Uiscellaneous Total	i.s	1, 00	10.0%	30, 0%	60. 0%	45.0%	55, 0%		301, <u>63</u> 2, 102, 34	904, 88 13, 319, 30	1,809,76 4,351,63	1, 357, 32	1, 658, 94 9, 227, 71	3, 016, 26 19, 773, 27	18.0%
R0801-006	Migcellaneous	LS.	1, 00	10.0%						2, 102, 34 10, 6% 210, 52	13, 319, 30 67, 4% 1, 333, 73				3, 016, 26 19, 773, 27 100, 03 1, 980, 00	18.0%

COST PD-IN04/Work

¥0307	Precest Reinforced Concrete Pipe (Stan	dard S	trength 25	MPa), fa	<u>pricatio</u>	η φ <u>107</u> 0	) (42°) t Haco		·	<del></del>		λm	Unit:	10.00	<u> </u>	
Itom No.	Description	Unit .	Quantity		Con	ponent			Total			Component (PP)			Total	Remarks
]				Lab.	Hat.	Equip,	For.	Local	(PP) {	abor	Material	Equipment	Foreign	Local	(PP)	
W0216	Concrete (for RCPC, 25MPs, max	m3	4, 05	2.2%	83. 4%	14.4%	57, 8%	42. 2X	1,720.00	154.63	5, 806, 26	1, 005. 11	4, 025, 29	2, 940. 71	6, 956. 00	Los# 2.0%
	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	3. 97	15. 8%	0. 2%	84.0%	45. OX	55, 0%	258.00	t61.63	2, 01	860, 73	461.27	562, 99	1, 024, 26	
¥0237	Concrete Curing (reinforced concrete)	•.3	3.97	74.6%	- 7, 6%	17.81	14.0%	86.0%	4, 29	12.71	1.30	. 3,02	2.38	14. 65	17. 03	
	Reinforcement Grade 60, cutting, bending & assembly	kg	- 545, 90	14, 7%	11.1%	. 7.7%	54.3%	45, 73	<b>24.</b> 50	1.953.50		1, 024, 64	7, 267, 91	6, 106, 64	, , , , , , , , , , , , , , , , , , , ,	
	Truck Crane, Hydraulic 6-10t	þτ	0. 47	15.5%	9, 3%			53, 1 1		35, 41	21.24		107.23	121. 19		
R0601-006	Dump Truck, 6,0-9.0 cu-vds (4.6-6.9m3)	hr	0.61	10.1%	17, 9%			49.3%		37, 21	65, 95		185.78	181.66		
	Niscellaneous	1.5	1,00	10.0%	30,0%	_ 60, DX	45.0%	55.04	!	395, 62				2, 175, 89		
	Total					-				2, 760, 60			13, 831, 12	12, 103, 75		
	Components (%)							5		10.6%			ã3. 3%	48.7%		
	Unit Rate	- Al								275.69		569, 66	1, 381, 25	1, 208, 75	2, 590, 00	
	Miscellaneous covers the cost for deprec	istion	of mould a	nd maint	enance o	f fabric	etion ya	rd, minor	tools and d	evices, test	ing etc.					-

	Precest Reinforced Concrete Pips (Star	Γ.				Un	t Rate	_					ount			
Item No.	Description	Unit	Quantity		Cor	pohent	(%)		Total			Component (PP			Total	Remarks
		1	i i	Lab.	liat,	Equip.	For.	Local	. (PP)	Labor	Material	Equipment	Pareign	Lgca	(PP)	
10215	Concrete (for RCPC, 25MPs, mex	F-3	5, 13	2. 2%	83, 4%	14.43	57, 6%	42.2%	1, 720, 00	195, 86	7, 354. 59	1, 273, 15	5, 098, 70	3, 724. 90	8, 823, 60	Loss 2
10232	Concrete Fouring by Pump Vehicle (reinforced concrete)	<b>⊫</b> 3 ·	5,03	<b>15.8</b> %	0, 2%	84.0%	45.0%	65.0%	258, 00	204. 65	2. 54	1, 090. 64	584, 43	713. 31	1, 297, 74	
	Concrete Curing (reinforced concrete)	p3	5.03	74.6%	7.6%	17, 8%	14.0%	88,0%	4.29	18.10	1. 64	3. 63	3. 01	(8. 57	21. 59	
¥0252	Reinforcement Grade 60, cutting, bending & assembly	kg	684.40	14.75	77.7%	7. 7%		45. 7¥	24, 60	2, 461, 66	13, 021. 54	1, 284, 69	9, 111. 84	7, 665. 96	16, 187, 80	
R0402-010	Truck Crane, Hydraulic 6-10;	hr	0.59	15.5%	9.3%			53.1%	486,00	44. 44	26. 67]	218, 63	134. 61	152, 13	286. 74	
	Dump Truck, 6.0-9.0 cu-vds (4.6-6.9m3)	ha-	0, 77	10.1%	17. DX			49. 3%	604.00	46. 97	83, 25	334, 86	235, 77	229. 31	465, DB	
	Miscellaneous.	LS	1,00	10,0%	30,0%	60.0%	45, 0X	55. O%		497, 93	1, 493, 78	2, 987, 55	2, 240, 67	2, 738, 59		18,0%
	Total									3, 467, 62	21, 984, 02		17, 109, 02	15, 232, 78		
	Components (%)							$\equiv$		10.64	67, 3%	22.0%	53, 3%	46, 7%	100,0%	
	Unit Rate	F-								346.32	2, 195, 59	718.09	1, 738, 67	l. 521. 33	3, 260.00	

W0309	Precest Reinforced Concrete Pipe (Star					Un	t Rate						ount			
Isan No.	Description	Unit	Quantity		Cor	ponent.	*)		Tota!			Component (PP)			Total	Remarks
				Lab.	Mat,	Eguip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0215	Concrete (for RCPC, 25MPa, max	<del>- 63</del>	7.62	2.2%	83.4%	14.4%	57.8%	42. 2%	1,720.00	290. 93	10, 924, 37	1,891.11	1, 573, 50	5, 532, 90	13, 108, 40	Loss 2.01
	Concrete Fouring by Pump Vahicle (reinforced concrete)	m3	7, 47	15, 8%	0, 2%	84.0%	45.0%	55. 0%	258.00	303. 93	3.78	1, 619. 56	867. 93	1, 059. 33	1, 927. 26	
	Concrete Curing (reinforced concrete)	#s3	7, 47	74, 6%	7.6%	17, 8%	14.0%	86.0%	4, 29	23, 92	2.44	5.69	4, 47	27, 58	32.05	
	Roinforcement Grade 60, cutting, bending & assembly	kg	1, 025, 90	14, 7%	77.7%	7, 7%	54.3%	45. 7%	24. 50	3, 68 <del>9</del> . 97	19, 519, 00	1, 925. 58	13, 658, 46	11, 476, 10	25, 134, 55	
	Truck Crane, Hydraulic 6-10t	hr	0.88	15.5%	9.3%		46.9%	53. IN		66, 29	39.77	321.62	200. 77	226. 91	427, 68	
	Dumb Truck, 6.0-9.0 cu-vds (4.6-6.9m3)	hr	1.14	10.1%	17.9%	72,0%		49.34	604,00	69,84	123, 25 2, 231, 09		349.06 3,346.64	339, 80 4, 090, 33	698, 66 7, 436, 97	18.0%
	N(scollaneous	LS.	1,00	10.0%	30, 0%	60, 0%	45.0%	55,0%		743, 70 5, 188, 28	32, 843, 70	10, 721, 49	25, 000, 81	22, 752, 66		16, 03
	Total				-					10, 6%	67, 4%	22.0%	53. 3%	46, 7%	100.0%	
	Components (%)	<del>⊢</del> -					_	<del></del> (		519.32	3, 287, 50		2, 602, 56	2, 277, 44	4, B80, 00	

r0313	Precest Reinforced Concrete Pipe (Stan				•	Un	t Rate						ount			
Izen No.	Description	Unit	Quantity		Con	nonent	(%)		Total			Component (PP)			Total	Xemarke
				Lab.	Mat.	Equip.	For.	Local	. (PP) [	Labor	Material	Equipment	Foreign	Local	(PP)	
. ¥0216	Concrete (for RCPC, 32MPa, max	m3	0,80	1 9X	85.6%	12.6%	58.2%	41.8%	1,980,00	30, 63	1, 355. 28	198. 08	921, 63	662.37	1, 584, 00	Loss 2.0
	Concrete Fouring by Pump Vehicle (reinforced concrete)	#3	0,78	15, 6%	0, 2%	84. 0%	45, 0%	55,0%	258.00	31.74	0, 39	169, 11	90, 63	110.61	201, 24	
	Concrete Curing (reinforced concrete)	m3	0, 78	74.6%	7.6%	17.8%	14.0%	86.0%	4, 29	2, 50	0. 26	0. 60	0, 47	2.88	3,35	
	Reinforcement Grade 60, cutting, bending & essembly	kg	122.70	14.7%	77, 7%	· 7, 7%	54. 3%	45.7%	24. 50	441, 33	2, 334, 52	230, 30	1, 633, 58	1, 372. 57		
	Truck Crane, Hydraulic 8-10:	hr	0.09	15.6%	9.3%	75, 2X		63.1%	486, 00	6. 78	4, 07	32.89	20. 53	23. 21		
R0601-006	Dump Truck, 6.0-9.0 cu-vds (4.6-6.9m3)	hr	0,12	10, 1%	17.9%			49,3%	604.00	7. 32	12. 97	52, 19	36, 74	35, 74		
	Miscellaneous	18_	. 1,00	10, 0%	30.0%	60.0%	45, 0%	55, 0%		88, 40	265, [9]	530.38	397, 79	486, 19		(B, 0%
	Total									608. 70	3, 972, 68	1, 2   3, 55	3, [01, 37]	2, 593, 57		
	Components (%)				-	_				10.5%	68.6%	20.9%	53, 5%	46, 5%	100, 0%	
	Unit Rate									60, 82	396, 93	121, 25	309.87	269, [3]	679,00	

#0314	Precast Reinforced Concrete Pipe (Star	1391 11 2	crometi be	41 4/1. 14	DI TAMET.	Un	t Rate					Am	ount			
Isam No. /	Description	Doi:	Quantity		Cou	ponent			Total			Companent (PP)	1		Total	Remarks
''-" ''-1/			1	_ Lab.	Na t	Equip.	For.	Local	(PP)	Labot	Material	Equipment	Foreign	Local	(PP)	
W0216 (	Concrete (for RCPC, 32MPa, max	m3	[. 33	1,9%	85.6%	12.5%	58.2%	41.8%	1,980.00	50. 93	2, 253, 16	329.31	1, 532, 21	1, 101, 19	2, 633, 40	Loss 2, 03
	Concrete Pouring by Pump Vehicle (reinforced concrete)	Em	Į. 30	15, 8%	0.2%	B4. 0%	45.0%	55. OK	258.00	52. 89	9.66	281.85		184. 35	335, 40	
	Concrete Curing (reinforced concrete)	m3	1.30	74.6%	7.6%	17, 8X	14,0%	86.0%	4. 29	4, 16	0, 42	0, 99	0. 78	4. 80	5. 59	
	Reinforcement Grade 60, cutting, bending & assembly	kg	199. 50	14.7%	77.1%	7, 7%	64, 3%	45. 7%	24. 50	717, 56	3, 795. 73	374. 45		2, 231, 68	.,	
	Truck Crane. Kydraulic 6-10:	hr	0.15	15, 5%	9.3%	75.2%	46, 9%	53. I%	486, 00	11, 30	6. 78	64, 82	34, 22	38, 68		
	Dump Truck. 6.0-9.0 cu-vds (4.6-6.9m3)	hr	0. 20	10.1%	17. 9%			49.3%	. 604.00	12. 20	21.62	86. 98 870, 03	61, 24 652, 52	59, 58 797, 63		10 W
	Miscel lancous	_LS_	J, 00	10.0%	30.0%	60,0%	45.0%	65, 0%		145.00- 994.05	435. OL 6, 513, 39	1, 998, 44		4, 417, 80		18,0%
	Total					-	$\overline{}$			10.5%	68. 5%	21.0%		46. 5X		
<del> </del>	Components (%)	<del> </del>		<del></del>		-				99.45	651, 62			441.97		

	Precast Reinforced Concrete Pipe (Star	$\overline{}$				Un	t Rate						unt			
ltem No.	Description	Unit	Quantity		Co	nponent	(%)		Total			Component (PP)			Total	Remarks
	2			Lab.	Nat,	Equip.	For.	Local	(PP)	Jabor	Materiel	Equipment	Foreign	Local	(PP)	
W0216	Concrete (for RCPC, 32MPa, max	#3	1.93	1.9%	85. 6X	12.5%	58, 2X	41.8X	1, 980, 00	73. 90	3, 269, 62	477.88	2, 223, 43	1, 597, 97	3, 821, 40	Loss 2.
	Concrete Pouring by Pump Vehicle (reinforced concrete)	<b>m</b> 3	1.89	15.8%	0. 2%	84. ĐX	45, 0%	65.0%	258.00	. 76.90	0. 96	409. 77	219, 60	268. 02		
	Concrete Curing (reinforced concrete)	m3	1.89	74.6%	7.6%	L7, 8%	14.0%	88.0%	4. 29	6, 05	0.62	1.44	1.13	6.98	8. 11	
	Reinforcement Grade 60, cutting, bending & assembly	kg.	272, 60	14.7%	77. 7%		71		24. BC		5, 186. 55	5 1.66	3, 629, 29	3, 049, 41	6, 678. 70	
R0402-010	Truck Crane. Kydraulic 6-10:	hr	0, 22	16.5%	9.3%			63, 1%	486,00	16. 57	9, 94	80, 40	60, 19	56, 73	108, 92	
R0601-00B	Dump Truck, 6.0-9.0 cu-vds (4.6-6.9m3)	hr	0.29	10.1%	17, 9%			49. 3%	604, 00	17.69	31.35	126. 12	88, 60	86, 36	175, 16	10.04
_	Miscellaneous	1.5	1.00	10,0%	30, 8%	60. 0X	45, 0%	65,0%		203, 00	609, 01	1,218.01	913, 61	1, (16.5)		
	Jotal									1, 374, 61	9, 108, 05		7, 125, 95	6, [81, 99	13, 307, 93	
	Components (%)									10, 3%	68.4%)	21.24	53, 5%	46, 5%	100,0%	
	Unit Rate									137. 38	910. 26	282, 36	712. 17	6)7,83	1,330,00	

T0316	Precest Reinforced Concrete Pipe (Star	nda <u>rd</u> 8	trength 32	(Pa) fa	brication	n ø910	(36*)						Unit:	10.00	R.	
		Г				Մո	t Rate						ount			
[tem No.	Description	Unit	Quantity		Cor	nponent	(%)		Total			Component (PP)			Total	Remarks
177 (	1	l	1 1	Lab.	llat.	Equip.	Far.	ocal	(PP) [	Labor	Material	Equipment	Foreign	Loca	(99)	
W0216	Concrete (for RCPC, 32MPs, max	#n3	2, 57	1.9%	85. 6%	12.5%	58. 2%	41.8%	1,980.00	98.41	4, 353, 85	636.34	2, 960, 73	2, 127. 87	5, 088, 60	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	<b>#3</b>	2. 52	15.8%	0. 2%	81.0%	45.0%	55. OX	258.00	102, 53	1, 27			357. 37		
W0237	Concrete Curing (reinforced concrete)	<b>»</b> 3	2.52	74.6%	7. 6%	17.8%	14.0%	86. 0%	1. 29	8. 07	0.62	. t. 92	1.51	9. 30	10.81	
	Reinforcement Grade 60, cutting, bending a essembly	kg	489.20	14.7%	77.7%	. 7, 7%	54.3%	45, 7%	24. 50	1, 759, 56	9, 307, 63	918. 21	6, 513. 02	5, 472. 38	11, 985, 40	
	Truck Crane, Hydraulic 6-101	br	0.30	16, 5%	9.3%			53. 1%	486. 00	22, 60	13, 56	109, 64	68. 44	77.36	145.80	1
R0601-006	Dump Truck, 6.0-9.0 cu-vds (4.6-6.9m3)	hr	0,39	10.1%	17.9%			49, 3%	604, 60	23.79	42. 17	169.60		116. 15	235.56	
	Miscellaneous	LS.		10,0%	30.0%	80.0%	45, 0%	55.0%		326.09	978, 28	1, 956, 56		1,793.52		18. 0%
	Total	Π.								2.341.05	4, 697, 58			9, 963, 93		
	Components (%)									11.0%	69. 8%	20, 3%	53, 4%	46,6%		
	Unit Rate	- i-								234, 35	1, 471, 32	434, 33	1, 143, 55	996.45	2, 140, 00	

#0317	Precest Reinforced Concrete Pipe (Star	dard S	trength 32	MPa), fa	bricatio	n d 1070	(42")						Unit:	10.00	m	
				į		Un:	t Rate					Air	ount			
Itom No.	Description	Unit	Quantity		Cor	popent (	X)		Total			Component (PP	)		Total	Remarks
	l			Lab.	Hat.	Equip.	For.	Local	(PP) [	Labor	Material	Equipment	foreign	Local	(PP)	
W0216	Concrete (for RCPC, 32MPa, max	tn3	3.32	1.0%	85.6%	12.5%	58. 2%	41.8%	1, 980, 00	127. 13	6, 624, 42	622.05	3, 824, 76	2,748.85	6, 673, 60	Loss 2.0%
WUZ32	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	3. 26	15.6%	0. 2%	84.0%	45. 0%	55. Q%	258. 00		l. 64		377. 61	460, 89		
₩Q237	Cancrete Curing (reinforced cancrete)	m3	3,25	74.6%	7.6%	L7.8%	14.0%	86.0%	4, 29	10.40	L. 06	2. 48	1. 95	LL. 99	13.94	
	Reinforcement Grade 60, cutting, bending & assembly	kg	609, 00	- ,	77, 7%	7.7%	54. 3%	46. 7%	24, 50			1, 143. 07	8, 108. 00	.,		
R0402-010	Truck Crane. Hydraulic 6-10:	hτ	0.38		9, 3%	75, 23	46.9%	53. 1%			17, 18	138,88		97.98		
R0601-006	Dump Truck, 6,0-9,0 cu-vds (4,6-6,9m3)	hr	0. 50	10.1%	17.9%	72.0%	50, 7%	49, 3%	604.00	30, 50	84, ()6	217.44	153, 10	148, 90	302.00	
	Miscellangous.	LS	1.00	10.0%	30.0%	60.0%	45.0%	55.0%		411,00						
	Iotal									2, 930, 35			(4, 401, 59	12,541,61	26, 943, 20	
	Components (V)			-						10,9%	68, 7%	20, 4%	53, 8%	46.5%		
	linis Rase									292. 67	1,848.86	648. 57	1, 437, B5	1, 252, 15	2,690,00	
	Miscelleneous covers the cost for deprec	iation	of mould a	nd maint	enance o	f fabric	ation ye	rd, minor	tools and d	evices, test	ing, etc.					

			[ · · · · · · · · · · · · · · · · · · ·				t Rate						unt			
Item No.	Description	Unit	Quantity		Cor	ponent (	*)		Total (			Component (PP)			Total	Remarks
	l		I	Lab.	llat	Equip.	For.	Local	(PP) [	Labor	Material	Equipment	Foreign	Local	(PP)	
W0216	Concrete (for RCPC, 32MPa, max	βĴ	4.30	1.9%	85, 6%	12.5%	56, 2%	41.8%	1, 980, 00	164, 66	7, 284, 65	1,064,70	4, 953, 75	3, 560, 26	8, 514, 00	Loss 2, 05
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	4. 22	t5. 6%	0. 2%	84.0%	45. 0%	65. C%	258. 00	171.70	2, 13	B14. 93	490, 32	E98, 44	1,088.76	
W0237	Concrete Curing (reinforced concrete)	m3	4.22	74. 6X	7.6%	17. 8%	14.0%	86. C%	4, 29	13. 51	1.38	3.21	2, 63	16. 57	18, 10	
	Reinforcement Grade 60, cutting, bending & assembly	kg	788, 50	14.7%	77, 7%	7. 7%	54. 3%	45, 7%	24. 50	2, 838, 09	15, 002. 17	1,479,99	10, 497, 79	8, 820, 46	19, 318, 26	
R0402-010	Truck Crane. Hydraulic 6-10:	hr	0.50		9.3%		46.9%	53. 1%	486, 00	37.67	22, 60	182.74	[14.07]	[28, 93]	243.00	
R0601-006	Dump Truck, 6.0-9.0 cu-vds (4.6-6.9m3)	hr	0,65		17.9%		50, 7%	49.3%	604.00	39, 65	70. 28	262.67	199. 02∮	193, 88	392. 60	
	Miscel laneous	LS	1.00	10, 0%	_30,0%	60,0%	45.0%	85, 0%		532, 34	[,597.03]	3, 194, 07	2, 395, 55	2,927.90	5, 323, 45	18.0%
	Total						, i			3, 795, 61	23, 980, 24	7, 122, 31	18, 653, 03	16, 245, 13	34, 898, 16	
	Components (%)									10, 9%	68, 7%	20.4%	53, 4%	46.6%	100.0%	
	Unit Rate	т.	ſ							379, 68	2, 398, 15	712,27	1, 865, 40	1.624.60	3, 490, 00	

#0319	Precest Reinforced Concrete Pipe (Ster	derd S	trength 32	MPa), fa	bricatio	n 🕹 1.52	0 (60*)						<u>Unit:</u>	10.00	m	
			T				lt Rate						ount			
Item No.	Description	Unit	Quantity		Cor	ponent	(%)		Total			Companent (PP)			Total	Remarks
				.вb.	Mat.	Equip.	For,	Local	(PP)	Labor	Hater(a)	Equipment	Foreign	_l,ocal	(PP)	
W0216	Concrete (for RCPC, 32MPs, max	m3	6. 27	1.8%	85.6%	12.5%	58. 2%	41.8%	l, 980, 00	240, 09	(0, 622. 03	1, 552, 48	7, 223, 26	5, 191, 34	12, 414, 60	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	6. 15	15.8%	0.2%	84.0%	45.0%	55, 0%	268. 00	250. 22	3. [1	1, 333, 37	714.56	872. 14	i, 586. 70	
W0237	Concrete Curing (reinforced concrete)	m3	6. (5	74.6%	7. 5%	17.8%	14.0%	85.0%	4.29	19.69	2.01	4, 69	3. 6B	22.70	26, 38	
	Reinforcement Grade 60, cutting, bonding & assembly	kg	1, 186, 30		77. 7%	7. 7%		45. 7%	24. 60	4, 266. 90	22, 570, 80		15, 793. 96	13, 270. 40	29, 064, 35	
R0402-010	Truck Crane, Avdrautic 6-10;	þτ	0.72	15.8%	0.3%	75. 2%	48.9%	63, (%)	486.00	84, 24	32, 54		164, 27	185.65	349. 92	
R0601-006	Dumo Truck, 6.0-9.0 cu-vds (4.6-6.9m3)	<i>p</i> r	0.94	10.1%	18,9%		50.7%	49.3%	604.00	67, 34	101.63		287.82	279, 94	567, 76	
	Miscellaneous	LS	1.00	10.0%	30,0%	£0, 0%	45.0%	55.0%		792, 17	2, 376, 52		3, 564, 79	4, 356, 96	7, 921, 75	
	Total									5, 680, 66	35, 708, 65	10, 542, 15	27, 752, 32	24, 179, 14	51, 931, 46	
	Components (%)									10.9%	68, 8%		53. 4%	45.6%	100.0%	
	Unit Rate	p.								667, 72	3, 566, 70	[,053,58]	2, 773, 85	2, 116, 45	5, 190, 00	

W0331	Precest Reinforced Concrete Pine (Extr	ra Stre	ngth 321Pa	),_fabri	cation.	<b>460 (1</b>	6")						Unit:	10,00	e	
		<u> </u>	1			Un	it Rate						ount			
Item No.	Description	Unit	Quentity		Cot	sponent	(%)		Total			Component (PP)			Total	Remarks
			l	Lab.	liat.	Equip.	For.	Local .	(PP)	Labor	Materia	Equipment	oreign	Local	(PP)	
	Concrete (for RCPC, 32MPa, max	m3	1,03	1.9%	85.6%	12.5%	58.2%	41.8%	1,980.00	39. 44	1, 744, 93	255.03	1, 186, 50	852.80	2, 039, 40	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	1.01	15.8%	0. 2%	84. 0%	45.0%	55.0%	258.00	41.09	0.51	218, 98	117.35	143, 23	260, 58	
¥0237	Concrete Curing (reinforced concrete)	e3	1.01	74.6%	7,6%	17.8%	14.0%	86.0%	4. 29	3, 23	0.33	0.77	0. 60 [	3.13	4, 33	
W0252	Reinforcement Grade 60, cutting, bending & assembly	ks	158, 20		27.7%	7. 7%	54. 3%	45.7%	24. 50		3, 009. 95		2, 106, 22	*,	3, 875. 90	
	Truck Crane. Hydraulic 6-10:	hr	0.12		9. 3%		48.9%	53.1%	485.00		5, 42	43. BB	27.38		Б8, 32	: 1
R0601-006	Dump Truck, 6,0-9.0 ru-vds (4,6-6,9m3)	hr	0.16	[ 10.1%]	17. 9%	72.0%	50,7%	49.3%	604, 00	9, 15	16, 22	65, 23	45, 93		90, 60	
L	Miscellaneous	t.s	1,00	10,0%	30, 0%	60.0%	45,0%	55, 0X		113, 92	341, 77	683, 55	512,66		1, 139, 24	18.0%
	Total									784, 90	6, 119, 12	1, 564, 35	3, 996, 73	3, 471, 64	7, 468, 37	
	Components (%)									10. 5%	69. 5%	20.9%	53.5%	46.5%		
	Unit Rate	_ m	[							78, 51	512.02	156.47	399. 76	347, 24	747, 00	

¥0332	Procest Reinforced Concrete Pipe (Extr	a Stre	ngth 32MPs	), fabri	cation	<b>6610 (2</b>	4")						Unit:	10, 00	П	
							it Rate						ount			
I ten No.	Description	Unit	Quantity		Co	ponent	(%)		Total [			Component (PP)			Total	Romarka
	L		<u> </u>	Lab.	Mat.	Equip	For.	Local	(PP)	Labor	Hateria)	Equipment	Foreign	Loca]	(PP)	}
W0216	Concrete (for RCPC, 32MPa, max	m3	1.60	1.9%	85. 6%	12.5%	58, 2%	41,8%	1, 980. 00	61. 27	2, 710, 57	396. 17	1, 843, 25	1, 324, 75	3, 168, 00	Loss 2.0%
V0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	1. 67	15, 8%	0. 2%	84.0%	45.0%	55. 0%	258. 00	63. 88	0. 79	340. 39	182, 42	222, 64	405, 06	
WO237	Concrete Curing (reinforced concrete)	m3	1.67	74.6%	7.6%	17.8%	14.0%	86.0%	4, 29	5.03	0, 51	1.20	0.94	5, BO	6, 74	
W0252	Reinforcement Grade 60. cutting, bending & assembly	kg	228.40	14. 7%	77. 7%	7. 7%	54.3%	45, 7%	24. 50	821.51	4, 345. 69	1	3, 040, 83	2, 554, 97	5, 595, 80	
R0402-010	Truck Crane. Hydraulic 6-10t	hr	0.18	15. 5%	9.3%	75. 2%	46.9%	53. L%	486.00	13.86	B. L4	65. 7B	41.07	46. 41	67, 48	
R0601-006	Dump Truck, 6.0-9.0 cu-vds (4.6-6.9m3)	hr	0.24	16, 1%	17.9%	72.0%	50.7%	49, 3%	604.00	14.64	25, 95	104, 37	73.49	71.47	144, 96	
	Miscellaneous	LS	\$,00	10.0%	30,0%	60.0%	45,0%	65.0%	1	69, 34	508, 03	1, 016, 07	762, 05	931,40	, 693, 46	18.0%
	Total									1, 149, 23	7, 599, 58	2, 352, 69	5, 914, 05	Б, 157, 44	LL 19L 49	
	Components (%)		<u> </u>							10, 4%	68, 5%	21, 2%	53, 5%	46.5%	100.0%	
L	Unit Hate	TO								114,91		235, 24	594, 33	515, 67	1, 110, 00	

¥0333	Procest Rainforced Concrete Pipe (Extr	a Stre	ngth 32MPa	), fabri	cation	ø 760 (3	٥")						Unit:	10,00	M	
							it Rate					Amo	บนกร			
Etem No.	Description	Unit	Quantity		Cor	nponent	(%)		Total			Component (PP)			Total	Romarks
L				Lab.	llat,	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0216	Concrete (for RCPC, 32MPa, max	<b>=3</b>	2.30	1.9%	85, 6%	12.5%	58. 2%	41, 8%	1, 980, 00	88, 07	3, 896, 44	569. 49	2, 649, 68	1, 904. 32	4, 554, 00	Loss 2.0%
	Concrete Pouring by Pump Yebicle (reinforced concrete)	<b>#3</b>	2, 25		0. 2%	84, 0%	45. O%	55.0%	258. 00	91. 54	1. 14	487, 82	261.42	310.08	580. 60	
<b>₩0237</b>	Concrete Curing (reinforced concrete)	m3	2, 25	74.6%	7.6%	17.8%	14.0%	86.0%	4. 29	7. 20	0.73	l. 71	Į. <b>3</b> 5	8.30	9. 65	
W0252	Reinforcement Grade 60, cutting, bending & assembly	kg	345, (0	14.7%	77. 7%	7. 7%	54. 3%	45. 7X	24. 60	1, 241, 26	6, 565. 95		4, 694. 53	3, 860. 42	8, 464. 95	
R0402-010	Truck Crane, Hydraulic 6-10:	hr	0, 26		9.3%			53. 1%	486, 00	19, 59	11.75	95, 02	59.32	67. 04	126. 36	
R0601-006	Dump Truck. 6.0-9.0 cu-vds (4,6-6.9m3)	hr .	0.34	10, 1%	17.9%			49, 3%	604,00	20, 74	36, 76	147. B6	104. 11	101, 25	205, 36	
	Miscellaneous	LS	1,00	10.0%	30, 0X	60,0%	45.0%	55.0%		250, 75	752. 26		1, 128, 40	1, 379, 15	2, 507, 55	
	Total									L 719, 16	11, 265, 03		8, 798, 80	7, 639, 57	16, 438, 37	
	Components (%)									10, 5%	68. 55	21.0%	53.5%	46, 5%	100.0%	
	Unit Rate	ŋ								171.51	1, 123, 87	344. 61	877, 83	762. [7]	1,640,00	

			Г			Ún	it Rate						uns			
Item No.	Description	Unit	Quantity [		Cor	apohent.	(%)		Total			Component (Pr)			Total	Remarks
			l[	Lab,	lat.	Equip.	For.	Local	(PP)	abor	Material	Equipment	Foreign	Local	(PP)	
	Concrete (for RCPC, 32MPs, max	m3	3, 10	1. 04	85.6%	12.5%	68. 2%	41.8%	1, 980, 00	118,70	6, 251, 72	767, 67	3, 571, 31	2, 566, 59	6, 138, 00	Loss 2.01
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	3, 04	15.8%	0. 2%	84.0%	45. 0%	55. O%	268. 00	123, 69	1, 54	859, 10	383, 21	431, 11	784, 32	
V0237	Concrete Curing (reinforced concrete)	m3	3.04	74. 6%	7.6%	17.8%	14. OX	86.0%	4.29	9.73	0. 99	2. 32	1, 82	11.22	13, 04	
	Reinforcement Grade 60, cutting, bending & assembly	kg	604. 50	14. 7%	77.7%	7.7%	54.3%	45. 7%	24. 50	2, 174, 27	11, 601. 35	1. 134. 63	8, 048. 08	6, 762. 17	14, 810, 25	
R0402-015	Truck Crans, Bydraulic 11-15;	hr-	0.36	8. 6%	8, 3%	83.2%	50.5%	49.5%	881.00	28. 96	26. 32	263. BR	160. 29	156, 87	317, 16	
R0601-006	Dump Truck, 6.0-9.0 cu-vds (4.6-6.9m3)	hr	0.46	10.1%	17, 9%	72.0%	50. 7X	49. 3½	604, 00	28. 06	49, 73	200. 04	140.85	136, 99	277. 84	
	Miscellaneous	L_Ls_J	L 00	_10.0%	30,0%	60.0%	45.0%	65.0%		402, 13	1, 206, 39		1, 809, 59	2, 211, 72	4, 021, 31	18.0%
	Total									2, 883, 55	[8, 038, 05	5, 440, 32	14, 085, 16	12, 276, 77	26, 361, 92	
	Components (%)									10.9%	68, 4%	20, 6%	53,4%	46, 6%	100,0%	
	Unit Rate	æ								288, 77	1,806,41	544, 82	1,410,55	1, 229, 45	2, 640, 00	

¥0335	Prepast Reinforced Concrete Pipe (Ext	ra Str	anath 39MP	) fabri	lastion	4 1070 f	(2*)						Մը i ç:	10.00	_	
Item No.	Description	Unit	1	V. Laur.		Un	i Rate		Total			Ame Component (PP)	ount	10.50	Ţotal	Remarks
1				Lab.	Mat.	Equip.	For,	Local	(PP)	Labor	laterial	iquipment	Foreign	i.ocal	(PP)	
W0216	Concrete (for RCPC, 32MPs, max Concrete Pouring by Pump Vehicle	m3	4. 02 3. 97	1.9%	85. 6% 0. 2%	12.5% 84.0%	58, 2% 45, 0%	41.8% 55.0%	1, 980, 00 258, 00	155, 08 161, 53	6, 861, 12 2, Di	1, 002, 60 860, 73	4, 665, 74 461, 27	3,353.26 562.99	8, 019, 00 1, 024, 28	Loss 2.0
W0237	(reinforced concrete) [Concrete Curing (reinforced concrete)	m3	3.97	74.6%		17. 6%	14.0%	86.0%	4. 29	12.71	1. 30	3. 02	2, 38	14.65	17. 03	
10252	Reinforcement Grade 60, cutting, bending & assembly	kg	967.00		77, 7%	7.75	54. 3¥	45. 7X	24. 50	3, 478, 12	16, 398, 36	l, B15, Q3	12, 874, 27	10, 817, 23	23, 691, 50	
R0402-015 R0501-006	Truck Crane, Hydraulic 11-15t	hr hr	0. 47 0. 61	8.5%	8. 3% 17. 9%	83. 2% 72. 0%	50, 5% 50, 7%	49, 5% 49, 3%	881,00 504,00	35, 20 37, 21	34. 37 65. 95	344, 61 265, 28	209. 26 186. 78	204.81 181.66	414, 07	
80001-000	Miscellaneous	Ļs	1.00	10.1%	30, 0%	60.0%	45.06	85,0%	104.00	603. 62	1,810,85	3, 621, 70	2,716,28	3, 319, 90	368, 44 6, 035, 17	18.0%
	Total Components (%)									4, 483, 46 11, 3%	27, 173, 96 68, 7%	7,913,06	21, 115, 98 53, 4%	18, 454, 50 46, 6%	39. 570. 47 100, 0%	
	Unit Rate Miscellaneous covers the cost for depre	ciation	of mould	and maint	phance o	ffabric	ation va	rd. minor	tools and d	418.68 evices, testi	2,719.42	791.90	2, 113, 17	1, 846, 83	3, 960, 00	
₩0336	Precast Reinforced Concrete Pipe (Ext										-		Unit:	10,00 a		
Item No.	Description	Unit	1				t Rate		Total			Amo omponent (PP)	unt	10,00	fotal	Romarks
ł	`		(	Lab.	Mat.	Equip.	For.	Loca!	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0216 W0232	Concrete (for RCPC, 32MPa, max Concrete Pouring by Pump Vehicle	m3 m3	5. §3	1.9%	65, 6% 0, 2%	12.5%	58. 2% 45. 0%	41, 8%	1, 980. 00 258. 00	196, 44 204, 65	8, 690, 75 2, <b>6</b> 4	1, 270, 21 1, 090, 64	5, 909. 94	4, 247, 46	10, 157, 40	Loss 2.03
W0237	(reinforced concrete) Concrete Curing (reinforced concrete)	m3	5.03	15.8% 74.6%	7. 6%	84.0% 17.8%	14.0%	55.0% 86.0%	4, 29	16, 10	l. 64	3. 83	584. 43 3. 61	713, 31 18, 57	1, 297, 74 21, 58	
00262	Reinforcement Grade 60, cutting, bending & assembly	kg	982.30	14.7%	77. 7%	7.7%	54.3%	45. 7X	. 24.50	3, 533, 16	18, 689, 46	1, 843, 74	13, 077, 97	10, 988, 38	24, 066, 35	
R0402-015	Truck Crane, Hydraulic 11-15t	hr	0.59	8. 6%	8.3%	83. 2%	50.5%	49, 5%	881.00	44, 18	43. 14	432. 47	262.69	257.10	Б19. 79	
R0601-006	Dump Truck, 6.0-9.0 cu-vds (4.6-6.9m3) Miscellaneous	hr LS	0.77	10.1%	17. 9% _30. 0%	72.0% 60.0%	80, 7% 46, <b>0</b> %	49, 3% 55, 0%	604.00	46. 97 657, 50	83. 26 1, 972. 51	334. 80 3, 945. 02	235. 77 2, 958. 76	229. 31 3, 616, 27	465, 08 6, 575, 03	18, 0%
	Total Components (%)	$\vdash$								4, 699. 00 10. 9%	29, 483, 29 68, 4%	8, 920, 67 20, 7%	23, 032, 57 53, 4%	20, 070, 40 46, 6X	43, 102, 97 100, 0%	
	Unit Rate	- M		<b></b>						469. 87	2, 948, 13	892.01	2, 303, 10	2,006,90	4, 310, 00	
	Miscelleneous covers the cost for depre							re, minor	. 10018 and d	evices, testi	ng, .etc,					
₩0337.	Precest Reinforced Concrete Pipe (Ext.	ra Stre	1	), fabri		Մոր	t Rate					Amo	Unit:	10.00 #	<u> </u>	
Item No.	Description	Unit	Quantity	Lab.	Çor Mat.	Equip.	%) For.	Local	Tota) (PP)	Lahor		omponent (PF) Equipment	Foreign	Local	Total (PP)	Remarks
W0216	Concrete (for RCPC, 32MPs. max   Concrete Pouring by Pump Vehicle	#3	7.62	1.9%	85.6%	12.6%	58. 2%	41.8%	1, 980, 00	291.78	12,909,07	1.885.75	8, 778. 60	6, 309. 10	15, 087, 60	Loss 2.0%
W0232	(reinforced concrete)	m3	7.47	15.8X	0. 2%	84.0%	45.0%	55. 0%	258, 00	303, 93	3. 76	1, 619, 55	867. 93	1, 059. 33	1, 927, 26	
W0237	Concrete Curing (reinforced concrete) Reinforcement Grade 60, cutting,	M3	1, 824, 80	74.6X	7,6%	17. 8X	14.0%	86. DX	4. 29	23. 92 6, 563. 47	2. 44 34, 719. 05	5, 69	4.47	27. 58	32.05	
W0252 R0402-029	bending & assembly	kg hr	0, 88	14.7% 7.0%	77.7% 7,7%	7. 7% 85, 3%	54.3% 51.5%	45. 7% 48. 5%	24, 50 1, 070, 00	85, 91	72. 50	3, 425, 09 803, 18	24, 294, 70 484, 48	20, 412, 90 457, 12	44, 707, 60 941, 60	
R0601~006	Dump Truck, 6.0-9,0 cu-vds (4.6-5.9m3)	hr	I. 14 J. 00	10.1%	17.9% 30.0%	72.0%	50, 7%	49.3%	604, 00	69. 84 €	123, 25	495.76	349, 06	339. 50	668.56	10 OW
	Miscellaneous Total	1,3	1.00	10.0%	30,0%	60.0%	45.0%	55, 0%		8, 459, 48	3, 422, 77 51, 252, 86	6, 845, 54 15, 081, 57	6, 134, 16 39, 913, 29	6, 275, 08 34, 880, 62	74, 793, 91	18,0%
	Components (%) Unit Rate				<del></del> }					846, 02	68, 5% 6, 125, 70	20. 2% 1, 508. 28	53, 4% 3, 991, 65	46, 6% 3, 488, 35	7, 480, 00	-
	Miscellaneous covers the cost for depre-	ciation	of would a	nd maint	enance of	fabrica	tion ya	d, sinor	tools and d	ovices, testļi	ng, etc.					
T0341	Precest Concrete Pipe Laying \$460 (1)	B*)				lia i	t Rate						Unit:	10.00 m		
Item No.	Description	Unit	Quantity			ponent (	<u>(6)</u>		Total		C	Amo (PP) irenoemo			Total	Remarks
L002	Foreman	n/i	0, 40	Lab. 100, 0%	0, 0%	Equip. 6, 0%	0.0%	Local 100.0%	576.00	\$.sbor 230.40	0.00	Equipment 0.00	Foreign 0,00	230, 40	230. 40	
L019 L020	Skilled Labor Unskilled Labor	nd nd	0.40	100.0%	0.0%	0.0%	0,0%	100, 0%	410, 00 320, 00	164.00 384.00	0.00 0.00	6. 00 6. 00	0. 00 0. 00	164. 00 384. 00	164.00 384.00	
R0402-010	Truck Crans. Hydraulic 6-10t	hr	2.28 1.00	15. 5% 5. 0%	9. 3% 45. 0%	75. 2% 50. 0%	46, 9% 45, 0%	53. 1% 55. 0%	486, 00	171.75 6,60	103.05 59,42	833, 28 86, 03	520. 18 59, 42	587. 90 72, 63	1, 108, 08	7.0%
	Miscellaneous Total		1,50	8.0,1	45.04	- DO. UA	70.04	24,02		956.76	162.4B	899, 30	579, 60	1, 138, 93	2, 018, 53	
	Components (X) Unit Rate	(8								47, 4% 95, 75	8. D% 16. 26	90, 00	28, 7% 58, 00	71, 3% 144, 00	202,001	
	Miscellaneous covers the cost for lever	block,	concrete (	utter, j	oint mort	ar, conc	rete, e	.c.,								
W0342	Precest Concrete Pips Laying #810 (24	<del>()</del>				tint	t Rate		<del></del>			Amo	Unit:	10.00 m	<del></del>	<del></del>
1 tem No.	Description	Unit	Quantity		Com	ponent (	()		Total	1.6	Vi-s-ut-1	ompopent (PP)			Total	Romarks
L002	Foreman	ind	0.50	100.0%	0,0%	0, 0X	For. 0, 0%	loca 100, 0%	(PP) 576. 00	298, 00	0.00	Equipment 0.00	Foreign 0.00	288.00	(PP) 288.00	
L019 L020	Skilled Labor Unskilled Labor	md md	0, åD 1, 30	100.0% 100.0%	0.0% 0.0%	0.0%	0,0%	100.0%	410.00 320,00	205, 00 416, 00	0. 00 0. 00	0. 00 0. 00	0. Q0 0. Q0	205. 00 416. 00	205.00 416.00	
R0402-010	Truck Crane. Hydraulic 6-10t Miscellangous	hr	. 2.86 t.00	15. 5% 5. 0%	9, 3% 45, 0%	76. 2% 50. 0%	48. 9% 45. 0%	53. L% 66. 0%	486.00	215. 44 8. 06	129, 27 72, 42	1, 045, 25 80, 46	652. 50 72, 42	737, 46 88. 51	1, 389, 96 160, 93	7, 0%
	Total			0, 0.4	-10,0%		15.04	35. 07		1, 132, 49	201.68	1, 125, 71	724. 92	734. 97	2, 459, 89	
	Components (%) Unit Rate	р								46. 0% 113, 25	8. 2% 20. 17	45.8% 112.58	29. 8% 72. 50	70, 6% 173, 50	100, 0% 246, 00	
	Miscellaneous covers the cost for lever		concrete o	utler, j	oint mort	ar, conc	rete, et	¢.								
¥0343	Precent Concrete Pips Laying \$760 (30	) <u>'</u> )			·	Uni	t Rate		т			Åmor	Unit:	10,00 m		•
Item No.	Description	Unit	Quantity	135	Com	ponent (	For.	Local	Total (PP)	lehor !	Material 1	Amo omponent (PP) Equipment	Foreign	Local	Total (PP)	Remarks
1002	Foreman	and	0.60	100.0%	0.0%	0.0%	0.0%	100.0%	576, 00	345, 60	0.00]	0.00	Foreign 0.00	345, 60	345, 60	
1.020	Skilled Labor Unskilled Lebor	ba ba	0. 60 1. 80	100.0% 100.0%	0. 0% 0, 0%	0. 0% 0. 0%	0.0%	100, 0%	410, 00 320, 00	246, 00 576, 00	0, 00 0, 00	0. 00 0. 00	0. 00 0. 00	246.00 576,00	246.00 576.00	
R0402-01D	Truck Crane, Hydraulic 6-10: Miscellaneous	hr LS	3.43 1.00	15.5% 5.0%	9, 3% 45, 0%	75. 2% 50. 0%	46. 9% 45. 0%	63. I% 65. 0%	486, 00	258.38 9.92	155, 03 89, 29	1, 253, 57 99, 21	782, 55 89, 29	884, 43 109, 13	l, 666, 98 198, 42	7,0%
	Total Components (%)									1, 435, 90 47, 3%	244. 32 8. L%	1, 352, 78 44, 6¥	871.84 28,7%	2, [61, ]6 71, 3%	3, 033, 00 100, 0%	
		ži								143, 45	24. 41	135. 14	87, 10	215, 90	303, 90	
	Unit Rate	L 1		utter, jo	oint mort	ar, conc	rate, et	с,								
	Wiscellaneous covers the cost for lever												Unit:	10.Q0 m		
V0344	Whit Rate Miscellaneous covers the cost for lever Precest Congrete Pipe Laying \$910 (36	)*)				Uni	t Rate					Anal	int			l
W0344 Etem No.	Wiscellaneous covers the cost for lever		Quantity	lah I	Com	onent ()	()	Local	Total (PP)	Labor	Material Co	опроценt (PP)		Local	Total (PP)	Remarks
Item No.	Unit Rate Wiscelleneous covers the cast for lever Precent Concrete Pipe Laying #910 (36 Description Foreman	Unit	Quantity 0, 70	Lab, 100.0%	Mat. 0.0%	eonent () Equip.   0.0%	For. 0.0%	Local 100. OX	(PP) 576, 00	Labor 403, 20	Material 0,00	Equipment (PP)  0,00	Foreign 0.00	Local 403. 20	(PP) 403.20	Remarks
Etem No. 1,002 1,019 1,020	Unit Rate  Wiscellsneaus covers the cast for lever Precent Concrete Pipe Laying #910 (36  Description Foreman Skillad Labor Unskilled Labor	Unit	Quantity 0, 70 0, 70 1, 90	100.0% 100.0% 100.0%	Mat. 0.0% 0.0% 0.0%	0.0% 0.0% 0.0%	For. 0.0% 0.0% 0.0%	100.0% 100.0%	(PP) 576, 00 410, 00 320, 00	403, 20 287, 00 608, 00	Vaterial 0,00 0,00 0,00	Equipment (PP)  Equipment  0,00  0.00  0,00	Foreign 0.00 0.00 0.00	403. 20 287. 00 608. 00	(PP) 403. 20 287. 00 808. 00	Remarks
	Unit Rate  Miscelleneous covers the cost for lever  Precent Concrete Pipe Laying # 910 (36  Description  Foreman  Skilled Labor	Unit	Quantity 0, 70 0, 70	100.0%	Mat. 0.0% 0.0%	Equip. 0.0% 0.0%	For. 0.0% 0.0%	100.0%	(PP) 576, 00 410, 00	403, 20 287, 00 508, 00 299, 54 16, 88	Vaterial 0, 00 0, 00 0, 00 292, 49 151, 90	Equipment (PP)  Coulpment 0, 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Foreign 0, 00 0, 00 0, 00 1, 780, 97 (5), 90	403. 20 287. 00 608. 00 1, 743. 03 185. 65	(PP) 403. 20 287. 00 808. 00 3, 524. 00 337. 65	Remarks
1.002 1.019 1.020	Unit Rate  Miscellaneous covers the cast for lever  Precest Concrete Pipe Laying #910 (36  Description  Foreman Skilled Labor Unskilled Labor Truck Crase, Wdraulic II-ISt Miscellaneous	Unit  ad  ad  ad  hr	Quantity 0, 70 0, 70 1, 90 4, 00	100.0% 100.0% 100.0% 8,5%	0.0% 0.0% 0.0% 0.0% 8.3%	0.0% 0.0% 0.0% 0.0% 83.2%	For. 0.0% 0.0% 0.0% 50.6%	100.0% 100.0% 100.0% 49.5%	(PP) 576, 00 410, 00 320, 00	403, 20 287, 00 508, 00 299, 54 16, 88	Naterial 0, 00 0, 00 0, 00 292, 49 151, 90 444, 39	0,00 0,00 0,00 0,00 0,00 2,931,97 168,78	Foreign 0.00 0.00 0.00 1,780.97 (5),90 1,932.67	403. 20 287. 00 608. 00 1, 743. 03 185. 65 3, 226. 89	(PP) 403. 20 287. 00 608. 00 3, 524. 00 337. 65 5, 159. 75	
1.002 1.019 1.020	Unit Rate  Miscellaneous covers the cast for lever  Precest Concrete Pipe Laying #910 (36  Description  Foreman Skilled Labor Unskilled Labor Truck Crame, Mydraulic II-IST Miscellaneous  Total Components (%) Unit Rate	Unit  ad  ad  ad  br  LS	Quantity 0, 70 0, 70 1, 90 4, 00 1, 00	100.0% 100.0% 100.0% 8.5% 5.0%	Mat. 0. 0% 0, 0% 0. 0% 8. 3% 45, 0%	eonent () Equip 0.0% 0.0% 0.0% 0.0% 83, 2% 50, 0%	For. 0. 0% 0. 0% 0. 0% 50. 6% 45. 0%	100.0% (00.0% 100.0% 49.5% 55.0%	(PP) 576, 00 410, 00 320, 00	403, 20 287, 00 508, 00 299, 54 16, 88	Vaterial 0, 00 0, 00 0, 00 292, 49 151, 90	Equipment (PP)  Coulpment 0, 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Foreign 0, 00 0, 00 0, 00 1, 780, 97 (5), 90	403. 20 287. 00 608. 00 1, 743. 03 185. 65	(PP) 403. 20 287. 00 808. 00 3, 524. 00 337. 65	
L002 L019 L020 R0402-015	Unit Rate  Wiscellaneous covers the cast for lever  Precest Concrete Pipe Laying #910 (36  Description  Foresan Skilled Labor Unskilled Labor Truck Crase, Mydraulic 11-15t Miscellaneous  Total Commonants (3) Unit Rate Hiscellaneous covers the cost for lever	init  ad  ad  ad  hr  LS  a  block	Quantity 0, 70 0, 70 1, 90 4, 00 1, 00	100.0% 100.0% 100.0% 8.5% 5.0%	Mat. 0. 0% 0, 0% 0. 0% 8. 3% 45, 0%	eonent () Equip 0.0% 0.0% 0.0% 0.0% 83, 2% 50, 0%	For. 0. 0% 0. 0% 0. 0% 50. 6% 45. 0%	100.0% (00.0% 100.0% 49.5% 55.0%	(PP) 576, 00 410, 00 320, 00	403, 20 287, 00 808, 00 299, 54 16, 88 1, 614, 62 31, 3%	Naterial 0, 00 0, 00 0, 00 292, 49 151, 90 444, 39 8, 6%	Equipment (PP)  Equipment 0,00,00  0,00  2,931,97  168,78  3,100,76  60,1%	Foreign 0.00 0.00 0.00 0.00 0.00 1.780.97 151.90 1.932.67 37.5% 193.30	403. 20 287. 00 608. 00 1, 743. 03 185. 65 3, 226. 89 62. 5% 322. 70	(PP) 403.20 287.00 608.00 3,524.00 337.65 5,159.75	
L002 L019 L020 R0402-015	Unit Rate  Niscellaneous covers the cast for lever  Precest Concrete Pipe Laying #910 (36  Description  Foresan Skillad Labor Unskilled Labor Truck Crase, Mydraulic II-15t Miscellaneous  Total Commonants (3) Unit Rate Hiscellaneous covers the cost for lever  Precest Concrete Pipe Laying #1070 (4	init  ad ad ad br t.S  an block,	Quantity  0,70 0,70 1,90 4,00 1,00	100.0% 100.0% 100.0% 8.5% 5.0%	Mat. 0.0% 0.0% 0.0% 8.3% 45.0%	0.0% 0.0% 0.0% 0.0% 0.0% 50.0%	For. 0.0% 0.0% 0.0% 50.6% 45.0%	100.0% (00.0% 100.0% 49.5% 55.0%	(PP) 576, 00 410, 00 320, 00 881, 00	403, 20 287, 00 808, 00 299, 54 16, 88 1, 614, 62 31, 3%	Material 0,00 0,00 0,00 292,49 161,90 444,39 8,6% 44,44	mponent (PP) Equipment 0,00,00,00,00,00,00,00,00,00,00,00,00,0	Foreign 0.00 0.00 0.00 0.00 1.780.97 181.90 1.932.67 37.6% 193.30	403. 20 287. 00 608. 00 1, 743. 03 185. 65 3, 226. 89 62. 5%	(PP) 403. 20 267. 00 808. 00 3, 524. 00 337. 65 5, 169. 75 100. 0% 616. 00	7, 0%
L002 L019 L020 R0402-015	Unit Rate  Wiscellaneous covers the cast for lever  Precest Concrete Pipe Laying #910 (36  Description  Foresan Skilled Labor Unskilled Labor Truck Crase, Mydraulic 11-15t Miscellaneous  Total Commonants (3) Unit Rate Hiscellaneous covers the cost for lever	init  ad  ad  ad  hr  LS  a  block	Quantity 0, 70 0, 70 1, 90 4, 00 1, 00	100.0% 100.0% 100.0% 8.5% 5.0%	Mat. 0.0% 0.0% 0.0% 8.3% 45.0%	Equip. 0.0% 0.0% 0.0% 83.2% 50.0%	For. 0.0% 0.0% 0.0% 50.5% 45.0% t Rate	100. 0% 100. 0% 100. 0% 49. 5% 55. 0%	(PP) 576, 00 410, 00 320, 00	493, 20 287, 00 598, 00 299, 54 16, 58 1, 614, 62 31, 3% 161, 47	Neterial 0.00 0.00 0.00 0.00 0.00 151.90 444.39 44.39 44.44 44.44	######################################	Foreign  0.00  0.00  0.00  1.780.97  151.90  1.932.67  37.54  193.30  Unit:	403. 20 287. 00 608. 00 1, 743. 03 185. 65 3, 226. 89 62. 5% 322. 70	(PP) 403.20 287.00 608.00 3,524.00 337.65 5,159.75	
Etem No.   L002   L019   L020   R0402-015   W0345   Item No.   L002	Unit Rate  Precent Concrete Pipe Laying #910 (36  Description  Foreman Skilled Labor Unskilled Labor Truck Crane, Mydraulic U-16t Miscellaneous Components (%) Unit Rate Hiscellaneous covers the cost for lever Precent Concrete Pipe Laying #1070 (4  Description  Foreman	Unit  md md hr LS  m block, 12")	Quantity 0.70 0.70 1.90 4.00 1.00 concrete c	100.0% 100.0% 100.0% 8.5% 5.0%	Mat. 0.0% 0.0% 0.0% 0.0% 45,0% 45,0% Mat. 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Eguip, 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	For. 0.0% 0.0% 0.0% 50.6% 45.0% rete, et	100. 0% 100. 0% 100. 0% 49. 5% 55. 0%	(PP) 576, 00 410, 00 320, 00 881, 00 Total (PP) 578, 00	403, 20 287, 00 508, 90 299, 54 16, 48 1, 614, 62 31, 34, 161, 47	Neterial 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.		Foreign  0.00 0.00 0.00 1.780.97 151.90 1,932.67 37.63 193.30 Unit:	403. 20 287. 00 608. 00 1, 743. 03 185. 65 3, 226. 89 62. 5% 322. 70 10. 00 m	(PP) 403.20 287.00 608.00 3,524.00 327.65 6,169.75 160.0% 516.00	7, 0%
#0345 Lough No. Lough Lough Lough Lough Round No. Lough Round No. Lough	Unit Rate  Wiscellsmanus covers the cast for lever  Precent Concrete Pipe Laying \$910 (36  Description  Foreman Skilled Labor Unskilled Labor Truck Crane, Mydraulic II-IEt Miscellsmanus Components (%) Unit Rate  Hiscellaneous covers the cost for lever  Precent Concrete Pipe Laying \$1070 (4  Description  Foreman Skilled Labor Unskilled Labor Unskilled Labor	Unit  ad ad ad hr tS  unit	Quantity	100. 0% 100. 0% 100. 0% 8. 5% 5. 0% utter, jc	Mat. 0.0% 0.0% 0.0% 8.3% 45.0% Com. Mat. 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.	Equip. 0.0% 0.0% 0.0% 0.0% 50.0% 50.0% 50.0% 50.0% 50.0% 60.0% 60.0% 60.0% 60.0% 60.0% 60.0% 60.0% 60.0% 60.0% 60.0% 60.0% 60.0% 60.0% 60.0%	For. 0.0% 0.0% 0.0% 50.6% 45.0% t Rate 0 For. 0.0%	160, CX (00, 0% 100, 0% 100, 0% 49, 5% 55, 0% 55, 0%	(PP) 576. 00 410. 00 320. 00 881. 00 Total (PP) 576. 00 410. 00 320. 00	403, 20 287, 00 508, 00 299, 54 16, 88 1, 614, 52 31, 3% 161, 47	Neterial 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.		Foreign  0.00 0.00 0.00 1.780.97 151.90 1.932.67 37.53 193.30 Unit: uni  Foreign 0.00 0.00	403. 20 287. 00 608. 00 1, 743. 565 3, 226. 89 62. 5% 322. 70 10. 00 m	(P) 403.20 287.00 808.00 3, 524.00 3, 524.00 5, 155.75 100.0% 516.00	7, 0%
L002 L019 L020 R0402-015	Miscelleneous covers the cast for lever Precest Concrete Pipe Laying #910 (36 Description Foreman Skilled Labor Unskilled Labor Truck Crane, Mydraulic II-ISt Miscelleneous  Total Commonents (3) Unit Rate Hiscelleneous covers the cost for lever Precest Concrete Pipe Laying #1070 (4 Description Foreman Skilled Labor Unskilled Labor Unskilled Labor Unskilled Labor Unskilled Labor Truck Crane, Hydraulic II-ISt Hiscelleneous	unit  md  md  hr  tS  m  block,  2")	Quantity	100.0% 100.0% 100.0% 8.5% 8.5% 5.0%	Mat. 0.0% 0.0% 0.0% 8.3% 45.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Equip. 0.0% 0.0% 0.0% 0.0% 50.	For. 0.0% 0.0% 0.0% 50.6% 45.0% c Rate c) For. 0.0%	160. CX (00. 0% 100. 0% 100. 0% 49. 5% 55. 0% c.	(PP) 575. 00 410. 00 320. 00 881. 00 Total (PP) 576. 00 410. 00	403, 20 287, 00 508, 00 299, 54 16, 88 1, 614, 62 31, 3% 161, 47	Neterial   0.00   0.0		Foreign 0.00 0.00 0.00 1.780.97 181.90 1.932.67 37.64 193.30 Unit: Int. Foreign 0.00 0.00 0.00 2.034.761 174.86	403. 20 287. 00 608. 00 1. 743. 03 185. 65 3. 226. 89 62. 5% 322. 70 10. 00 m	(P) 403.20 287.00 808.00 3, 524.00 397.65 100.0% 516.00 756.00 328.00 328.00 328.00 4028.17 388.57	7,0%
L002 L019 L020 R0402-015	Unit Rate  Miscelleneous covers the cast for lever  Precent Concrete Pipe Laying #910 (36  Description  Forenan Skilled Labor Unskilled Labor Truck Crane, Mydraulic II-16t Miscelleneous  Total Commonants (%) Unit Rate Hiscelleneous covers the cost for lever  Precent Concrete Pipe Laying #1070 (4)  Description  Forenan Skilled Labor Unskilled Labor Unskilled Labor Unskilled Labor Unskilled Labor Truck Crane, Hydraulic II-18t	Unit  ad ad ad hr tS  unit	Quantity	100.0% 100.0% 100.0% 8.5% 5.0% Utter, jo	Mat. 0.0% 0.0% 0.0% 8.3% 45.0%	Denient () Equip.  0.0% 0.0% 83.2% 850.0%  ar, cone Unit	For. 0.0% 0.0% 0.0% 50.6% 45.0% rete, et c Rate () For. 0.0% 0.0% 0.0%	160. CX (00. 0% 100. 0% 100. 0% 49. 5% 55. 0% c.	(PP) 576. 00 410. 00 320. 00 881. 00 Total (PP) 576. 00 410. 00 320. 00	403, 20 287, 00 608, 30 299, 54 16, 88 1,614, 62 31, 33, 161, 47	Natorial   0.00   0.0		Foreign 0.00 0.00 0.00 0.00 1.780.97 181.90 1.93.267 193.30 Unit:	403. 20 287. 00 608. 00 1, 743. 03 185. 65 3, 226. 89 62. 5% 322. 70 10. 00 m	(PP) 403.20 287.00 808.00 3.524.00 397.65 5.159.75 100.0% 516.00	7. CX

March   Marc	¥0346	Precent Concrete Pipe Laying 6 1220 (	48")											_Unit:	10.00	ŗħ	
Column   C	Item No.			Quantity		Čo	Un Imponent	it Rate (Y)		Total			And Component (PP)	Junt			Remarks
March   Marc	L002		nd	0.90					Local 100.0%	(PP) 576, 00	Labor 518, 40	Material	iquipment	Foreign	Local 518,40		
980-98   Free Courts Care   1972   19		Skilled Labor	# d	0.90 2.50	100.0%			0.0%	100.0%						369.00	369. 00	
Section   Sect	R0402-015	Truck Crane. Hydraulic 11-15:		5.14	8.5%	8.3%	83.2%	50. 5%	49. 6%		384, 91	375. 95	3, 767, 58	2. 288. 54	2, 239. 80	4, 528. 34	7 004
Second   Process   Control   Process   Proce		[uta]	دما	1.00	5.0	49.00	30.04	13, 04			2, 094, 06	671,65	3, 985. 13	2, 484, 34	4, 166, 50	6,650.84	7.08
Part   Part		Unit Raje	- 01												416, 60	665. 00	
The Control   The Control		Miscellaneous covers the cost for lever	block.	concrete	cutter, j	oint moi	rtar, con	crete, e	etc.								
The Property Control   Propert	10347	Precest Concrete Pipe Laying \$1520 (	60")		<del></del>		Un	ic Rate					Am-		10,00	<u> </u>	
1.00	Item No.	Description	Unit	Quantity	Lab		nponent	(%)	Local		labor	Material	Component (PP)		Local		Remarks
ACCOS    Continue   1999		Forese			100.0%	O. 0%	0.0%	0.0%	100.0%	576, 00	633. 60	0.00	0.00	0.00	633, 60	633.60	·
Second Column	L020	Unskilled Lebor	ad	3.00	100.0%	0,0%	0.0%	0.0%	100.0%	320, 00	960.00	0,00	0.00	0.00	960.00	960.00	
Marie   Mari	RG402~020							51.5% 45.0%		1.070.00	30, 67	276. 07	306, 75	276.07	337,42	613.49	7,0%
Part   Content   Part		Total	<del> </del>								27, 1%	8.5%		3, 733, 47 39, 8%	5.644.23	9, 377, 69	
The property of the property		Unit Rate		concrete	cutter i	nint mor	rtar, con	crete. e	16.		254, 63	79, 37	604.01	373.44	564, 56	938, 00	
The Property   The	102E 1			20//01224										Unite	10.00	_	
Company   Comp				1			Un	it Sare					Amo		10, 00		
1509		Description	Unit		Lab,	Mat,	Equip.	For.		(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	Remarks
Life   Description   Life				0.12	100.0%	0.0%	0.0%	0.0%	100.0%	410,00	49. 20	0.00	0.00	0.00	49, 20		
BigSTatement   1.5   1.00   1.07	L020 R0402-010	Unskilled Labor	md	0.36	100, CN	0.0%	0.0%	0,0% 46.9%	100.0%	320, 00	115. 20	0.00	0.00	0.00	115.20	115.20	
Second Control   Proceed   Proceed   Proceed   Proceed   Proceed   Proceed   Proceed   Proced   Proc		Miscellaneous						45.0%		, 50	5.64	5, 61	46.12	25.38	31.02	56. 40	10.0%
Property Control for devol [17]   Security   Property Control for devol [17]   Security   Property Control for Security   Property Control for Security   Property Control for Security   Property Control for Security   Property Control for Security   Property Control for Security   Property Control for Security   Property Control for Security   Property Control for Security Control f		Companents (%)									45.6%	5.9%	47.3%	29. [%]	70.9%	100,0%	
The part   Property		Miscellaneous covers the costs for demo	lition,	disposal.	etc.				<u></u>		29, 021	J. 641	29, 35	16. 94	43, 96	ti2, 00	
The part   Property	0152	Precest Concrete Pipe Removal 4610 (	24")									<del> </del>			10.00	·	
Company   Comp	Item No.			Quantity		Cor	mbonant	it Rate		Total			Amc Component (PP)				Remarks
Line   Line			<del>                                     </del>			Mat.	Equip.	For		(PP)		Material	Equipment			(PP)	
Section   Process   Proc	LO19	Skilled Labor	md	0.15	100,0%	0.0%	0.0%	0.0%	100.0%	410.00	61.50	0.00	0.00	0.00	61.50	61.50	
Total Print   Total Print	1,020 R0402-010	Truck Crane, Hydraulic 6-10:		0,86	15.5%	9.3%	75.2%	46, 9%	53.1%		64, 78	38, 67	314, 31	196. 21	221.75	417.96	
Parent Congress   Parent Con			LS		10.0%	(0.0%	80. OX	45.0%	55.0%		344. 39		369, 56	227, 29	37, 99) 532, 44	69, 07 759, 73	10.0%
Second   Private Concepts   Pr		Companyings (%)	-								45,3% 34,45	6.0%			70. UK	100.0%	
Tempor   Description		Miscellaneous covers the costs for demo	lition,	disposal.	etc.										00,40	70.00	
Tree No.   Description	F0363	Precast Concrete Pipe Removal \$760 (	<u>;0")</u>	· · · · · · · · · · · · · · · · · · ·				la Basa					1		10,00	·	
1000   1007	Item No.	Description	Unit	Quantity			mponent	(%)					Component (PP)				Remarks
March   Marc		Foreman	red	O. 18		0,0%	Equip. 0.0%		100.0%	576.00	103, 68	0,00	0.00	0.00	103, 68		
Part   Part		Skilled Labor	md		100,0%										73. 80	73.80	
Total	R0402-010	Truck Crane, Hydraulic 6-10t	hr	1.03	15.5%	9.3%	75.2%	46.94	53.1%		77. 59	46. 55	376.44	234, 99	265, 59	500. 68	
Wise Flancos course the costs for densition, disposal, etc.	<del></del>	Total	1	1.00	10.04	10.04	10. 04	10.04	90. VA		436, 38	55, 06	144, 50	273. 28	662,66	935, 95	10,0%
Section   Sect		Unit Rate	n											29. 23.			
Company   Comp		Miscellaneous covers the costs for demo	lition,	disposal,	etc.												
Component   Comp	0354	Precest Concrete Pipo Removal #810 (S	16")	<del></del>			Uni	it Rate		——— <sub></sub>		<del></del>	Ало		10,00 p	Т	
	Item No.	Description	Unite	Quentity	Lab	Con	Modelic (	(%)	Local	Total	Labor I	Maror(a)	omponent (PP)		Local	[ato] (99)	Remarks
Marke   Mark					100.0%	0.0%	0.0%	0.0%	100.0%	676,00	120. 96	0, 00	0, 00	0.00	120.96	120.96	
high particles   15   1.00   10.09	L020	Unskilled Labor	md	0. 57	100.0%	0.0%	0.0%	0,0%	100.0%	320,00	162.40	0,00	9, 00	0.00	182, 40	182. 40	
Companyate 15	R0402-015	Truck Crane, Hydraulic II-15t Miscellangous		1.20						881.00		14.47	879, 69 115, 73		822. 91 79. 67		10.0%
Witsellamenus covers the costs for demaition, disposal, etc.   49.34   10.21   59.45   59.69   29.11   169.00		Components (%)											995, 32 62, 5%				
Second   Concept   Figs   Record   4   1072 (42")   Component		Unit Rate	ition	disposal	elc						49.34	10.21	99, 45	59.69	99, 11		
Local   Description   Unit   Quantity   Component (3)   Total   Component (FP)   Labor   Material   Squipment (FP)   Squipm	0355													lini+*	18 00 -		
Lab.   Mair   Faulis   For   Labor   Mair   Faulis   For   Labor   Material   Equipment   Foreign   Local   (PP)				Oues a fin			Unj	t Rate		T			Amo		ta' na li		
Skilled Labor					Lab.	MaI:	Equip.	For.	local	(PP)	Labor	Material	Equipment	Foreign		(PP)	nemarks
Local   Unskilled Labor   May   Unskilled Labor   May   Unskilled Labor   Unskille	010.1	Skilled Labor	nd	0. 24	100,0%	0.0%	0. OX	0.0%	100, 0%	410.00	98, 40	0.00	0.00	0.00	98, 40	98, 40	
Miscellaneous   LS   L.90   LO.98   LO.98   LO.98   So.08   So.08   So.08   Lo.64   Lo.64   Lo.64   Lo.64   Lo.64   Lo.64   Lo.64   Lo.65				1.37		8, 3%	83. 2%	50. 5%	49, 5%	320, 00 881, 00	102.59		1. 004. 20	609. 98			
Components (2)   31,5% 6,4% 52,1% 37,4% 62,6% 100,0%		Miscellaneous	LŚ	1.00		(0, <u>0</u> %	BO. OK	45, QK	55,0%		16,64	16,64	133. 15	74.90	91,64	166, 44	10.0%
Hiscellaneous covers the costs for densition, disposal, etc.    10,00 m		Components (%)									31, 5%	6.4%	62. 1%	37.4%	62. 5%	100.0%	
Log		Miscellaneous covers the costs for demo	ition,	disposa).	elc.						, H(- <u>B3</u> [	11,00	112,08	90.49	319,01	184, 00]	
Local   Component (N)   Comp	0356	Precest Concrete Pipe Removal # 1220 (	48")									<u>-</u>			<u>t0.00</u> m		
Log   Vareman   Mat   Mat   Equips   For   Log   (P)   Lehor   Mat   Fou   Mat   Fou   Mat   Control   (P)	Item No.	Description	Unis	Quantity		Com				Total		c	omponent (PP)			Total	Remarks
Lois					Lab,	Mat.	Equip.	For.	Local 100, OX	(PP)	Lahor 155.52	Mater al	Equipment	Foreign 0.00	local Local	<u>(PP)</u>	
0402-015   Truck Crans. Hydraulic   11-15   hr   1.54   8.5%   8.3%   8.3%   8.3%   50.5%   49.5%   881,00   115.52   112.61   1.128.81   885.67   571,07   1.356.74     Migcellaneous   S   1.00   10.0%   10.0%   10.0%   15.0%	L019	Skilled Labor	nd .	0, 27	100, 0%	0.0%	0, 0%	0.0%	100.0%	410.00	110, 70	0.00	6.00	0, 00	110, 70	110.70	
Total		Truck Crane, Hydraulic II-15t	hr	1. 54	8. 5%	6.3%	83. 2%	50. 5%	49.5%		115.32	112, 61	1, 128. 81	685.67	671.07	1. 356. 74	
## Annual Head of the Costs for denolition, disposal, etc.    Tea No.   Description   Unit   Quantity   Component (X)   For   Labor		Total	LS	1.00	10.0%	10.0%	80, 0%	45.0%	55,0%		610, 17	131, 24	1, 277, 841	83, 83 769, 51	1, 279, 75	2, 049, 26	10.0%
## Annual Head of the Costs for denolition, disposal, etc.    Tea No.   Description   Unit   Quantity   Component (X)   For   Labor		Unit Rate	- B		==	=7	$=$ $\mp$				31.2%	6.45	62. 4%	37, 6% 76, 98	62, 4%	100, 0%	
Lord   Part   Lord   Part   Lord   Part   Part   Lord   Part		Miscellaneous covers the costs for demoi	itlan,	disposal.	etc.												
Total   Camponent (P)   Total   Camponent (P)   Total   Camponent (P)   Total   Camponent (P)   Total   Recents	0357	Precest Concrete Pipe Removal 4 1520 (	60")				116-2	1 Para					1	Unit:	₹0.00 <sub>₹0</sub>	· · · · · · · · · · · · · · · · · · ·	
1002   Foreman   md   0.33   100,0%   0.0%   0.0%   0.0%   0.0%   0.0%   0.0%   0.00   190.08   0.00   0.00   0.00   0.00   190.08   190.08   100,0%   0.0%   0.0%   0.0%   0.0%   0.0%   0.0%   135.30   0.00   0.00   0.00   135.30   135.30   135.30   125	Jtem No.	Description	Unit	Quantity			iponent (	()		Total	1-1	C C	umponent (PP)				Remarks
LG2O [Unskilled Lebor   md   0.90[ 100.0%] 0.0%   0.0%   0.0%   320.00   288.00   0.00   0.00   0.00   288.00   288.00	L002	Foreman			100.0%	0.0%	0.0%	0. 0X	100.0%	576.00	190.08	0.00	0.00	0.00	190.08	190.08	
M402-002   Truck Crane. Hydraulic 16-20   hr   1.88   7.0%   7.7%   85.3%   51.5%   48.5%   1.670.00   140.81   154.89   1.715.89   1.035.02   076.56   2.016.00   1.00	L020	Unskilled Labor	md I	0. 90	100.0%	0.0%	0.0%	0.0%	100.0%	320.00	288, 00	0.00	0.00	0.00	288.00	288.00	
		Truck Crane. Hydraulic 16-20: Niscellaneous	hr	1.88 1.00	7. 0% 10. 0%	7. 7% 10. 0%	86. 3% 80. 0%		48. 5% 55. 0%	1, 670, 00	140. 81 26. 25	154. 89 26. 25	1, 715, 89 210, 00				10.0%

B0401	Francisco Phase Dalla Daduda des anno		(Vibua Ua	6-	Cai	z • \							finite	100, 00	-2	
#0401 [tem No.	Temporary Sheet Pile Driving for exce Description	Unit	Quantity	L. Co	Cor		it Rate		Total			Amo Omponent (PP)	Unit:	100, 00	Total	Remarks
L002	Foreman	md	0.71		Mat. 0.0%	Equip. 0.0%	Fo. 0%	Local 100.0%		Labor 408, 96	0, 00	Equipment 0.00	Foreign 0,00	Local 408.96	(PP) 408. 96	
L020	Skilled Lebor Unakilled Lebor Vibratory Pile Driver, Electric 60kW	nd nd	1. 42 0, 71	100.0%	0. 0% 0, 0%	0.0%	0.0% 0.0%	100.0%	320.00	682. 20 227. 20	0, 00 0, 00	0, 60 0, 00	0. 00 0. 00	582, 20 227, 20	582.20 227,20	1
	w/o Genset Crawler Crane, 36-40t	hr hr	4. 65 4. 66	8.9% 3.8%	9, 9% 8, 4%	81.2% 87.8%	49.0% 53.2%	61, 0% 46, 8%		303. 77 344. 57	337. 90 761. 67	2, 771, 44 7, 961, 27	1, 673, 31 4, 820, 66	1, 739, 79 4, 246, 84	3, 413. 10 9, 067. 50	i
R1001-L50	Generator 101-150 kW Truck Crane, Mydraulic 21-25t	day	0, 71 2, 79	0.0%	52. 2% 6. 8%	47.8%	89, 9% 82, 0%	40. 1% 48. 0%	3, 610.00	0, 00 207, 80	1, 337, 94 262, 33	1, 225, 16 3, 250, 57	1, 536, 56 1, 928, 14	1, 026, 54 1, 782, 56	2, 563, 10 3, 710, 70	ıl
	Wiscellaneous Total	LS	1.00							0, 00 2, 074, 49	0,00 2,689,83	0, 00	0, 50 9, 958, 56	0, 60 10, 014, 10	0, 00 19, 972, 76	0.04
	Components (4)	m2								10, 4% 20, 77	13.5% 26,94	76. 1% 152, 29	49. 9% 99, 72	50. 1% 100. 28	100.0%	
	Tc = [(0.75 + y -Nmax) L + s] -K/F Tc : Construction time per pile	-	11.2	ain/pile		Nmax : M	laximum b	-value		= 10,00		: Operation			<b>≠</b> 6, 56	hr/day
	a : Coefficient y : Coefficient	:	3, 75 0. 02			K : Conf F : Work	fictent factor			≈ 1.00 ■ 1.00	S 8	Sheet Pile wid Sheet Pile ien	th gth		= 0.400 = 10.600	
	£: Plie driving length	•	7, 80													
	Temporary Sheet Pile Driving for exam		1	mmer. Ro		<u>Un</u> i	it Rate	<del></del>				Апр	Unit:	100.00	m2	<u> </u>
Item No.	Description	Unit		Lab.	Mat,	eponent Equip.	For.	Local	Total (PP)	Labor	Material	Equipment (PP)	Foreign	Local	Total (PP)	Remarks
LO I D	Foreman Skilled Labor	ad ad	0. 91 1. 62 0. 91	100.0% 100.0% 100.0%	0.0% 0.0% 0.0%	0.0% 0.0% 0.0%	0.0% 0,0% 0.0%	100.0% 100.0% 100.0%	676.00 410.00 320.00	524. 16 746, 20 291. 20	0, 00 0, 00 0, 60	0, 00 0, 00 0, 00	0. 00 0, 00 0. 00	524. 16 746. 20 291. 20	624. 16 746. 20 291. 20	
1.020 R0503-120	Unskilled Labor Vibratory Pile Driver, Electric 60kW	hr	5.95	8, 9%	9.9%	81,2%	49.0%	51.0%	734,00	388.69	432, 36	3, 546, 26	2, [4], [1]	2, 228, 19	4, 367, 30	1
R0401-040 R1001-150	w/o Gensot Crawler Crane, 36-40t Generator 101-150 kW	hr	5. 95 0. 91	3.8%	8, 4% 52, 2%	87.8% 47.8%	53.2% 59.9%	46.6% 40.1%	1, 950, 00 3, 610, 60	440.90 0.00	974.61 1,714.82	10, 167, 00 1, 570, 28	6, 168, 37 1, 969, 40	5, 434, 13 1, 315, 70	11, 602, 50 3, 285, 10	
R0402-025	Truck Crane. Sydraulic 21-25t	hr	3.57	5. 6%	6.8%	87.6%	52.0%	48.0%	1, 330, 90	265. 89 0, 00	322.87 0.00	4, 159, 34 0, 00	2, 467, 19	2, 280, 9t 0, 00	4, 748, 10	}
	Total Components (%)									2, 657, 04	3, 444, 67 13, 5%	19, 152, 86 76, 1%	12,746,06 49,9%	12, 818, 50 50, 1%	25, 564, 56 100, 0%	
	Unit Rate Tc = [(0.75 + y \text{Nmax}) \cdot L + \cdot \cdot ] \cdot K/F	<u>, p2</u>	Ł							26. 61	34, 49	194.90	127, 64	128. 36	256, 00	<u></u>
	Te : Construction time per pile a : Coefficient	*	3. 75			Nmax : N K : Coef	ficient	-value		= 30, 00 = 1, 00	S	: Operation 1 host Pile wid	h		= 6, 56 = 0, 400	
	y : Coefficient L : Pile driving length	. :	0. 02 7, 80			P : Work	factor			= 1.00	S	heet Pile len	rth .		= 10.000	
0403	Temporary Sheet Pile Removal for exam	vation,	(Vibro He	mor)		Uni	t Rate		——-			Ámo	Unit:	100.00	n2	
Item No.	Description	Unit		Lab.	at. }	Uni ponent ( Equip.	ro)	Local	fotal (PP)	Labor	Material	Component (PP)	Foreign	Local	Total (PP)	Remarks
	Foreman Skilled Labor	nd nd	0.60 1.20	100,0%	0.0% 0.0%	0.0%	0.0%	100, 0%	576,00 410,00	345, 60 492, 00	0,001	0, 00 9, 00	0, 00 0, 00	345. 60 492. 00	345, 60 492, 00	!
90503-120	Unskilled Labor Vibratory Pile Driver, Electric 60kW	nd hr	0, 60 3, 94	100,0% 8,9%	0.0% 9.9%	0.0% 81.2%	0.0% 49.0%	100.0% 51.0%	320, 00 734, 00	192, Q0] 257, 38]	0.00 286.30	0.00 2,348,27	0.00 1,417.BI	192, 00 1, 474, 15	192, 00 2, 891, 96	
R0401-04D	w/o Genset Crawler Crane, 36-40t	hr	3. 94	3. 8%	8, 4% 62, 2%	67.8%	63, 2%	46, 8%	1, 950, 00 3, 610, 00	291.95	645, 37	6, 745, 67 1, 035, 35	4, 084, 60 1, 298, 50	3, 598, 40 867, 60	7, 683, 00 2, 166, 00	
R0402-025	Generator 101-150 kW Truck Crane, Hydraulic 21-25t Miscellaneous	day hr LS	0. 60 2. 36 1. 60	0. 0% 5. 6%	6. BX	47. 8% 87. 6%	59, 9% 52, 0%	40. 1% 48. 0%	1, 330, 00	0.00 175.77 0.00	1, 130, 65 213, 44 0, 00	2, 749, 59 0, 00	t, 630, 97 0, 00	1, 507, 83 0, 90	3, 138. BO 0. OO	
	Total  Components (%)									1,754.71	2, 275, 77 13, 5%	12, 878, 88 76, 2%	8, 431, 89 49, 9%	B, 477, 17 50. 1%	16, 909, 36 100, 0%	
	Unit Rate To = [(0.75 + y ·Nmax)·L + a]·K/F	p2								10.4% 17.54	22.75	128. 72	84, 27	84, 73	69.00	
	To : Construction time per pile a : Coefficient		3, 60			Nmax N K : Coef	ficient	-value		= 30,00 = 1.00	S	: Operation ) heet Pile wide	.h		= 8.56 = 0.400	
	y : Coefficient L : Pile pullout length		0. 00 7. 80			F ; Work	factor			<b>a</b> 1.00	S	heet Pile leng	rth		<b>=</b> 10,000	
F0408	H-Pile Driving for Temporary Access B	ridge (	Vibro Hemm	er)		. Uni	t Rate		<del></del>			Amor	Unit:	100, 00	<del>'</del> -	
Item No.	Doscription	Unit	Quantity	lab,	151,	ponent ( Équip.	For.	Local	Total (PP)	Labor	Material	omponent (PP) Equipment	Foreign	Local	Total (PP)	Remarks
L019	Foreman Skilled Labor	nd nd	0. 42 6. 84	100.0X	0.0%	0.0%	0.0%	100.0% 100.0%	576.00 410,00	241. 92 344. 40	0, 00 0, 00 0, 00	0, 00 0, 00 0, 00	0, 00 0, 00 0, 00	241, 92 344, 40	241. 92 344. 40	
L020 R0503-120	Unskilled Labor Vibratory Pile Driver, Electric 60kW	nd br	0, 42 2, 73	8.9%	0. 0% 9. 9%	0.0% 8t.2%	0. 0% 49. 0%	100.0% 51.0%	320.00 734.00	134.40 178.34	198. 38	1, 627. 10	982, 39	134. 40 1, 021. 43	134. 40 2, 003. 82	
R0401-040 R1001-150	w/o Genset Crawler Crane, 36-40t Generator 101-160 kW	hr day	2, 73 0, 42	3, 8% 0, 0%	8. 4% 52, 2%	87, 8% 47, 8%	53. 2% 59. 9%	46, 8% 40, 1%	1, 950, 60 3, 610, 60	202. 28 0. 00	447, 17 791, 46	4, 674, 03 724, 74	2, 830, 19 908, 95	2, 493, 31 607, 25	5, 323, 50 1, 516, 20	
R0402-025	Truck Crane, Hydraulic 21-25t Hiscollaheous	hr LS	I. 54 I, 00	5. 6%	6, 8%	67.6%	52.0%	48. 0%	1, 330. 00	122, 16 0, 00	146. 32 0. 00	1, 910, 73 0, 00	1, 133, 39 0, 00	1, 047, 81 0, 00	2, 181, 20 0, 00	0,0%
	Total Components (%)									1, 223, 50	1, 585, 33 13, 6%	8, 936, 61 76, 1%	8, 854, 92 49, 8%	5, 890, 52 50, 2%	11, 745, 44 100, 0%	
	Tc = (Ts + Tb)/F	a		التتا			1		L: Pile Drív	ing length	15, 79	89, 02} = 6, 00 m	56, 32	58, 68	117, 001	
	Tr : Construction time per pile Ts : Preparation time per pile	:		min/pile min/pile		E 70 .	min/pile		K : Coefficie Nmax: Maximum P : Work fact	N-value		= 1,00 = 30,00 = 0,60				
	Tb : Oriving time per plie y : Driving time per unit meter		0. 01 · Nmax			0.95			T: Operation File Length	hour per day		= 6, 66 h: = 12, 00 m	r/day			
10407	H-Pile Removal for Temporary Access B	ridge (	Vibro Homa	er)								12.00	Unit:	[00.00 g	I	
Item No.	Description	Unit	Quantity		Con	ponent (	t Rate		Total			Amou (PP) thentogene			Total	Remarks
	Foreman	nd nd	0.36 0.72	Lab. 100.0% 100.0%	0.0% 0.0%	Equip. 0, 0% 0, 0%	0, 0% 0, 0%	Loca) 100.0% 100.0%	(PP) 578, 00 410, 00	207, 36 295, 20	Material 0,00 0,00	Equipment 0.00 0.00	Foreign 0.00 0.00	207.36 295, 20	(PP) 207, 36 295, 20	
L020	Skilled Labor Unskilled Labor	नर्व	0.36	100.0%	0.0%	0.0%	0, 0%	t00.0%	320, 00	115. 20	0.00	0.00	0, 00	115. 20	115. 20	
N0403-120	Vibratory Pile Driver, Electric 60kW w/o Genset Crawler Crane, 36-40t	hr hr	2, 38 2, 38	8. 9% 3. 8%	9, 9% 8, 4%	B1.2% B7.6%	49, 0% 63, 2%	61, 0% 46, 6%	734. 00 1, 950. 00	155. 48 176, 36	172. 95 389, 84	1, 418, 50 4, 074, 80	858, 45 2, 467, 35	890, 47 2, 173, 65	1,745.92 4,641.00	
R1001-150	Generator 101-150 kW Truck Crane. Hydraulic 21-25t	day hr	0.36 L.43	0. 0% 5. 8%	62. 2% 6. 8%	47. 8% 87. 6%	59, 9% 52, 0%	40. 1% 48. 0%	3, 610, 90 1, 330, 90	0, 00 106, 51	678. 39 129. 33	621, 21 1, 666, 06	779, 10 988, 26	520, 50 913, 64	1, 299. 60 1, 901. 90	
	Miscellaneous Total	LIS.	1,00							0, 00 1, 056, 10	0,00	0, 00 7, 780, 67	0, 00 5, 091, 15	0, 00 5, 116, 03	0,00	0,0%
	Components (%)				=	==				10.3%	13, 4% 13, 70	76. 2% 77, 75	49.9% 50,68	50, [X 5], [2	100, 0%	
	To = (Ts + Tb)/F To : Construction time per pile			min/pile					L : Pile long K : Coefficie Nmax: Maximum	nt		= 10,00 m = 1,05 = 30,00				
	Ts: Preparation time per pile Tb: Driving time per pile	:	y •L•K =	min/pile 6.83 m min/m	in/pile				F : Work fact	or		= 0,90 = 6,56 h	-/day			
	y : Driving time per unit meter	-	U. WS	10 J J J J J J J J J J J J J J J J J J J					T : Operation Pile Length	worn hat day		= 10,00 m	,			
	Temporary Strute & Supports Installat						t Rate					Amou	Unit:	JO, 00 t		
Jtem No.	Description	Unit	Quantity	Lab.	Mat.	ponent ( Equip [	For.	Local	Total (PP)	Labor	Hatorial .	equipment (PP)	Foreign	Local	Total (FP)	Remarks
1.002	Foregan Skilled Labor	nd ad	1. 60: 3. 20	100.0%	0.0% 0.0%	0.0%	0.0%	100.0%	576, 00 410, 00	921.60 1,312,00	0.00	0.00	0, 00 0, 00	921. 60 1, 312. 00	92 (. 60 1, 312. 00	<del>-</del>
T018	Welder	md	1.60	100.0%	0. 0% 0. 0%	0.0%	0.0%	100.0%	509, 00 320, 00	814. 40 1, 024. 00	0, 00 0, 00	0.00 0.00	0, 00 l 0, 00 l	814, 40 1, 024, 00	B14.40 1,024.00	
1.009 1.020	linskilled Labor	md L	3. 20				EA PL	40.00	801.80		200 h.	g ann eri	A pen i		9 050 0	
1.020 1.020 R0402-015 R0901-025	Unskilled Labor Truck Crane, Hydraulic 11-15t Welding Machine 250A	hr day	9, 14 1, 60	8, 5% 0, 0%	8. 3% 39. 8%	83. 2% 60. 2%	60, 6% 68, 6%	49. 6% 41. 4% 45. 0%	681.00 588.00	684, 45 0, 00	668, 34 374, 44	6, 699, 55 565, 36 640, 19	4, 069, 51 561, 17 503, 01	3, 982, 83 389, 63	8,052,34 940,80	7 ∩%
1.020 1.020 R0402-015 R0901-025	Unskilled Labor Truck Crane, Hydraulic 11-15t Welding Machine 250A Wiscellaneous Total	hr	9, 14	8, 5%	8. 3%	B3. 2%			681.00 588.00	684, 45 0, 00 0, 00 4, 756, 45	668, 34 374, 44 274, 37	666.36 640.19 7.906.10	561, 17 503, 01 5, 123, 69	3, 982, 83 389, 63 411, 55 8, 856, 01	8, 052, 34 940, 80 914, 56 13, 979, 70	7.0%
1.009 1.020 R0402-015 R0901-025	Unskilled Labor Truck Crane, Hydraulic 11-15; Welding Machine 250A Miscellameous	hr day LS	9, 14 1, 60 1, 00	8, 5% 0, 0% 0, 0%	8. 3% 39. 8% 30. 0%	83. 2% 60. 2% 70. 0%	59, 6X 55, 0X	41.4% 45.0%	681. CO 588. CO	684, 45 0, 00 0, 00	668, 34 374, 44	666. 36 640. 19	561, 17 503, DI	3, 982, 83 389, 63 411, 55	8, 052, 34 940, 80 914, 56	7.0%

412	Temporary Struts & Supports Removal						it Rate						Unit:	10,00	.t	
Item No.	Poscription	Unit	Quantity	<del></del>	Co	mponent U	(%)		Total			Component (PP			Total	Remar
		"""		Lab,	_llat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	110,001
L002	Foreman	ed	1, 00		0.0%		0.0%		676, <b>Q</b> O	576,00	0.00	0.00	0.00	576, 00	576.00	
	Skilled Labor	fild	2.00		0.0%	0.0%	0.0%		410,00	820, 00	0.00	0.00	0.00	B20, 00	820.00	
	Welder	nd	1.00		0.0%	0.0%	0.0%		509, 00	509,08	0.00	0.00	0.00	509.00	509, 00	
	Unskilled Labor Truck Crane, Hydraulic 11-15:	nd	2.00 5.71	100.0% 8.5%	0.0% 8.3%	0.0% 83,2%		100.0% 49.6%	320, 00 881, 00	640.00 427,69	0,00 417.53	0,00 4,185,38	0.00 2,542,33	640.00	640.00	
	Welding Machine 2504	hr	0.00		39, 8%	60.2%		41.4%	588, 00	0.00	0.00	0.00	0.00	2, 488. L8 0. 00	5, 030, 51 0, 00	
0901050	Miscellameous	1.5	1.00		45, 0%			45.0%	000.00	0.001	340, 90	416, 65	416.65	340, 90	757, 55	10.0
	Total		<del></del>			40 0,9	\$2,000 m			2, 972, 59	758, 43	4, 602, 04	2, 958, 98	5,374,08	8, 333, 06	10.0
	Components (%)									35.7%	9, 1%		35, 5%	64.5%	100.0%	
	Unit Rate									297. 6	75, 82	460, 03	295, 70	537, 21	833, 00	
	Miscellaneous covers the cost for welding	ng rods	, acetylene	and oxy	gen gas,	and min	or tools	etc.								
														-		
13	Temporary Struts & Tie Rod Installation	ית פ											Սույ:	10.00	t	
		١		<u> </u>			it Bate				<del></del>	Am.	ount			
tem No.	Description	Unit	Quantity	<del></del>		mpahent		1	Total (PP)	Calculation 1	Marine Co. 1	Component (PP	<u> </u>		Tota)	Remax
1.000	P	ļ		Lab,	Mat.	Equip.	For.	Local	576, 00	Labor 2, 880, 00	Materiel 0 00	Equipment	Foreign	Local	(PP)	
L002	Foreman Skilled Labor	nd	6.00 10.00	100.0% 100.0%	0.0%	0.0%	0.0%		410,00	4, 100, 00	0. 00 0. 00	0.00 0.00	0, 00 0, 00	2,880.00	2, 880, 00 4, 100, 00	
	Relget	md md	5.00		0.0%	0.0%		100.0%	509.00	2, 545, 00	0, 00	0.00	0.00	4, 100, 00   2, 545, 00	2, 545, 00	
	Unskilled Labor	md md	5. 00	100.0%	0.0%	0.0%	0.0%	100.0%	320.00	1,600,001	0, 00	0.00	0.00	1 500 00	1,600.00	
	Truck Crane, Hydraulic 11-15;	hr	28.55		8.3%	83.2%	50.5%	49.5%	881.00	2, 137. 97	2, 087. 66	20, 926, 92	12, 711, 65	12, 440, 90	25, 152, 55	
	Welding Machine 250A	day	5.00		39. 8%	60, 2%		41 4%	688, 001	0,00	1, 170, 12	1, 769, 88	1, 722, 42	1.217.58	2, 940, 00	
	Miscellaneous	LS	1.00	0.0%	45.0%	55, 0%		45.0%	,	0, 00		1, 725, 57	1, 725, 57	1.411.83	3, 137, 40	8,0
.,	Total									13, 262, 97	4, 669, 61		16, 159, 64	26, 195, 31	42, 354, 95	
	Components (%)									31,3%	11.0%	57, 7%	38. 2%	B1 8%	100,0%	
	Unit Rate	ī								1, 327, 71	487, 46	2, 444, 83	1, 617, 68	2, 622, 32	4, 240, 00	
	Miscellaneous covers the cast for welding	g rods	acetylene	and exy	gon gas,	and min	or tools	etc.								
14	Temporary Struts & Supports Removal					<del></del>							Unit	10.00	<u> </u>	
		I I	التعنا				it Rate		Total			Component (PP)	ount			_
tem No.	Description	Unit	Quantity	Lab.	Mat.	ponent	(A)	î.ocal	(PP)	Labor	Material	Equipment (12)	Foreign .		Total (PP)	Remay
1,002	Foreman	ind	2.90	100.00	0, 0%	Equip. 0, 0%,	Far, 0, 0%	100.0%	576.00	1, 670, 40	0.00	0, 00	0.00	Local 1,670,40	1,670,40	
	Skiller Labor	nd .	5.80	100.0%	0,0%	0,0%	0.0%	(00.0%	410.00	2, 378. 00	0.00	0.00	0.00	2,378,00	2, 378, 00	
	Welder	nd	0.00	100,0%	0.0%	0,0%	0.0%	100.0%	509, 00	0.00	0.00	0, 00	0.00	0.00	0, 00	
	Unskilled Labor	ad	2.90	100,0%	0,0%	0,0%	0,0%	100.0%	320.00	928.00	0.00	0.00	0,00	926.00	926, 00	
	Truck Crane, Hydraulic 11-15t	hr	16.56	8.5%	8.3%	83. 2%	50.5%	49.5%	881.00	1, 240, 10	l. 210. 92	12, 136, 35	7, 373, 20	7, 216, 16	14, 589, 36	
901-025	Wolding Machine 2504	day	0,00	0.0%	39, 8%	60.2%	59.6%	41.4%	588.00	0,00	0.00	0, 00	0.00	0,00	0, 00	
	Miscellancous	1,5	1.00	0.0%	45.0%	55.0%	56,0%	45, 0X		0.00	792.41	968, 51	968, 51	792_11	1,760,92	9, 01
	Total									6, 216, 50	2,003.33	13, 106, 86	8, 341, 71	12, 984, 97	21, 326, 68	
	Components (%)									29.   1/4	9. 4%	61.5%	39.1%	60, 9%	100,0%	
	Unit Rate		L	لــــ <i>،</i> ــــــــــــــــــــــــــــــــ		لببا				620.87	200. 08	t, 309. 05	833, 13	1, 296, 87	2, 130, 00	
	discollaneous covers the cost for weldir	ıg rods,	, acetylene	and oxyl	gen gas,	and min	or tools,	etc.								
	Toursenann Dark Blass Forestings												0.4.	100.00	4	
15	Temporary Deck Plate Installation					Do.	t Rate					A=-	unt Unit:	100,00 7	<u> </u>	
om Na.	Doseription	Unit	Quantity	-	Cor	ponent.			Total			Component (PP)		· · · · · · · · · · · · · · · · · · ·	Total	Romari
apel HQ	ooşer rpe jun	nurr	-manetey	l.ah.		Equip.		Local	(PP)	Lahor	Material	Equipment	Foreign T	Local	(PP)	AV#8F
L002	Foreman	md	1, 10		0.0%	0.0%	0.0%	100.0%	576, 00	533, 60	0.00	0,00	0.00	633, 60	633, 60	
	Skilled Labor	nd nd	3. 30	100.0%	0,0%	0.0%	0.0%	100.0%	410.00	1, 353, 00	0.00	0.00	0.00	1, 353, 00	1, 353, 001	
	Welder	md	0.00		0.0%	0.0%	0.0%	100.0%	509, 00	0,00	0.00	0.00	0.00	0.00	0.00	
	Unskilled Lebor	nd l	1, 10		0. 0X	0.0%	0.0%	100,0%	320, 00	352.00	0.00	0.00	0.00	352.00	352.00	
	Truck Crane, Hydraulic 11-151	hr	6, 28	8, 5%	8. 3%	83. 2%	50. 5%	49.6%	881.00	470, 28	459. 21	4, 603. 19	2, 796, 12	2, 736, 58	5, 532, 68	
0001-025	Welding Machine 2504	day	0.00		39. RX	50. 25	58.6%	41. 4%	588. CO	0.00	0.00	0.00	0.00	0.00	0, 00	

	Unit Rate	m2								28, 08	4. 59	46, 02	27, 96	50, 74	78. 70	
W0416	Temporary Dack Plate Removal										_		Unit:	100, 00 r	n2	
							Litate					Amo Amo				
Item No.	Description	Unit	Quentity	<del></del>		nponent	<u> </u>	<del></del>	Total (PP)			Component (PP)			Total	Remerks
				190.		Equip.	For.	Local		Labor	Material	Equipment	Foreign	oca)	(PP)	
	Foreman	md	0, 60		0.0%				576.00		0.00	0.00]	0.00	345, 60	345, 60	
	Skilled Labor	nd	1.80		0,0%			100.0%	410.00		0.00	0,00	0.00	738, 00	738.00	
L009	Welder	md l	0.00	100,0%	0. 0x	0,0%	0.0%	100.0%	509.00	0.00	0.00	0,00	0.00	0,00	0.00	
	Unskilled Labor	pd	0, 60	100.0%	0.0%	0.0%	0,0%	100.0%	320, 00	192.00	0.00	0,00	0, 00	192, 00	192, 00	
R0402-015	Truck Crane. Hydraulic 11-15t	hr	3. 43	8.5x	8.3%	83. 2%	50, 5%	49. 5%	881.00	256, 86	250.81	2, 514, 16	1, 527, 18	1. 494, 65	3, 021, H3	
R0901-025	Welding Machine 250A	day	0.00	0.0%	39, 6%	60. 2%	58. 6%	41.4%	588. QO	0.00	0, 00	0,00	0,00	0.00	0.00	
	Miscellaneous	L\$	1.00			i				0, 90	0.00	0.00	0.00	0.00	0,00	0.0%
	Total									1. 532. 46	250. BI	2, 614, 16	1,527.18	2, 770, 25	4, 297, 43	
	Components (Y)						$\overline{}$			35, 7%	5.8%	58, 5X	35.5%	84. 5%	100.0%	

10417	Temporary Deck Plate Support Beam Inst	allati	on										Unit:	10. 00	L :	
	1					Un	t Rate					Amo	unt			
[tem No.	Description	Unit	Quantity			ponent	%)		Total			Component (PP)			Total	Remarks
				_lab,		Equip.	or.	Local	<u>(PP)</u>	Labor	Material	Equipment	Foreign	ocal	(PP)	
1,002	Fareman	md	1.30		0.0%	0.0%	0, 0%		576.00	748, 80	0.00	0, 00}	0.00	748, 80	748.80	
	Skilled Labor	nd	3, 90	100.0%	0. Ox	0.0%	0, 0%		410.00	1, 599, 00	0.00	0,00	0.00	[, 599, 00]	1, 599. 00	ŧ
	Welder	ind	2.60	100.0%	0.0%	0.0%	0.0%	100.0%	609, 00	1,323.40	0.00	0, 00	0. 00	1, 323, 40	1, 323. 40	
	Unskilled Labor	nd	t. 30	100.0%	0.0%	0.0%	0, 0%		320.00	416,00	0.00	0,00	0.00	416.00	416.00	
R0402-015	Truck Crane. Bydraulic 11-16t	hr	7, 42	8.5%	8, 3%	83. 2%	50. 5%		881.00	555. 65	542.57	5. 438. BD	3, 303, 69	3, 233, 33	8, 537, 02	
R0901-026	Welding Machine 250A	day	1.30	0.0%	39, 8%	60. 2%	58, 6%	41.4%	586.00	0.00	304.23	460, 17	447.83	- 316, 57	764.40	
	Miscellaneous	. LS	1.00	0.0%	30.0%	70, 0%	_55, D%	45.0%		0.00		797, 20	626, 37	512, 49	L, 138, 88	10. ¢%
										4, 642, 85	1, 198, 46	6, 696, 17	4, 377, 90	8, 149, 59	12, 627, 48	
	Components (%)									37, 1%	9.5%	53, 5%	34. 9%	65, 1%	100, 0%	
L	Linit Rate	t								463, 27	118.59	668, 15	436. 83	813, 17	1, 250, 00	

W0418	Temporary Deck Place Support Seam Remo	oval											. Unit:	10,00	<b>.</b>	
			Γ				I Rate						unt			
item No.	Description	Unit	Quantity		Con	φοηθηι (	<u>%)</u>		Total			Component (PP)			Total	Remarks
		·		Lab.	Mat.	Equip.	Far.	Local	(PP)[	abor	Material	Equipment	Fareign	Local	(PP)	
	Foresan	md	0,80		0.0%		0.0%	100.0%	676.00	460, BO	0.00	0.00	0.00	460, 60	460, 80	
F018	Skilled Labor	md	2. 40		0,0%		0.0%	100.0%	410.00	984. DG	0.00	0,00	0.00	<b>984.</b> 00	984, 00	
	Weld¢r	md	l, 60		0.0%	0.0%	0,0%	100,0%	509, 00	814, 40	0,00	0.00	0,00	814.40	814.40	
	Unskilled Labor	md	0.80		0.0%	0. 0X	0. OX	100.0%	320, 00	256.00	0.00	0.00	0.00	256, 00	255, 00	
R0402-015	Truck Crane. Sydraulic 11-16:	hr	4. 57		8.3%	83. 24	50.5%	49. 5%	881,00	342. 22	334. 17	3, 349, 77	2, 034, 75	1, 991, 42	4, 026, 17	
80901-025	Welding Naching 250A	day	0.00	0.0%	39, 8%	60. 2%	56. 6%		688,00	0.00	0.00	0, 90	0.00	0,00	0.00	
	Miscellaneous	_LS_	1,00	0.0%	30, 0%	70.0%	55. OX	45.0%		0, 00	274, 74	641,05	503, 69	412. [1	915.79	14.0%
	Total									2, 857, 42	808, 91	3,990,83	2, 538, 44	4, 918, 72	7, 457, 16	
	Companents (%)									38, 3%	8.2%	53, 5%	34.0%	66, OX	100.0%	
	Unit Rate	Ť								286. 85	60, 91	399, 23	253, 94	492, 08	745, 00	

W0421	Temporary Access Bridge Superstructure	Inste	)lation									. =	Unit:	: 10,00	t	
							t Rato						unt			
Item No.	Description	Unit	Quantity			ponent	3)		Total			Component (PP)			Total	Remarks
				Lab.	Mar.	Equip.	For.	Loca!	(PP)	abor	lateria	Equipment	Foreign	Local	<u>(P</u> P)	
	Foreman	ind	1.30	T00. 0X	0.0%	0.0%	0,0%		576, QQ	748. 60	0,00	0.00	0.00	748, 80	748.80	
	Skilled Labor	md	3, 50	100.0%	0.0%	0.0%	0,0%		410.00	1, 435, 80	0.00	0, 00	0,00	1, 436.00	1,436.00	ļ
	Welder	nd	0.00	100.0%	0.0%	0,0%	D, D%	100.0%			0.00	0,00	0.00	0,00	0, 00	J
	Unskilled Lahor	end	, L. 50	100,0%	0,0%	0.0%	0.0%	100.0%	320.00	480.00	0.00	0.00	0,00	460,00	480,00	
R0401-025	Crawler Crane. 21-25t	hr	5.98	4.7%	8.0%	87, 3%	62. 7%		1.660.00	811.77	B71, 10	9, 505. 92	5, 741. 68		10, 888, 80	
	Miscellaneous	LS	1,00	0,0%	30, 0%	70, 0%	55, 0%	45.0%		0.00	284, 60		521, 78			7,0%
	Tatel			,						3, 175, 67	1, 155 71	10, 170, 00	6, 263, 66	8, 237, 62	14, 501, 28	
	Components (%)									21.9%	8.0%		43.2%	56, 8%	100, 0%	
	Unit Rate	L								3 7, 53	115. 56	3, 016, 91	626.31	823, 69	1, 450, 00	

Whit Rate

Hiscollansous covers the cost for mir compressor, generator, electric drill, steel cutter, bolts, etc.

Item No.	Temporary Access Bridge Superstructur  Description	Unit	Quantity	<b>—</b>		<u>U</u> ı	it Rate		Total	T		Amo	Unit:	10.00	Total	Remarks
LOO2 LOI9	Foreman Skilled Labor	nd nd	0.90 t.90		Mat. 0.0%	Equip. 0.03	For 0.03		(PP) 576.00 410.00		Material 0.00 0.00	Component (PP) Equipment 0.00 0.00	Foreign 0,00 0.00	Local 518, 40 779, 00	(PP) 518. 40 779, 00	VAUSTA
L009 L020 R0401-028	Welder Unskilled Lebor Crawler Crame, 21-25t	nd nd	0.50 1.50 4.66	100.0% 4.7%	0.0%	0.0%	0.0%	100.0%	509. 00 320. 00 1, 560. 00	480, 00 / 341, 87	0. 00 0, 00 681, 57	0.00 0.00 6,346,36	0, 00 0, 00 3, 833, 41	254. 50 460, 00 3, 436. 19	254, 50 480, 00 7, 269, 60	
	Miscellaneous Total	ĻŞ	1,00			70.0%		45.0X		0.001 2,373.57	251. 14 832. 71	585, 99 6, 932, 36	460, 42 4, 293, 83	376. 71 _ 5, 844, 80	837, 14 [0, ]38, 64	9.0%
	Components (%) Unit Rate Miscellaneous covers the cost for air c	OMPTESS	or, genera	tor, e)ec	tric dri	ll, stee	l CHILES	, bolts,	etc.	23. 4% 236, 45	8. 2% 82. 95	68, 4% 690, 59	42.4% 427.75	67, 6% 582, 25	1,010.0%	
W0423	Temperary Access Bridge Reiling Engts	lletio	<u> </u>				la Dava			,			Unit:	£00, 00 p	·	
item No.	Description	Unit	Quantity	Lab.	Mat.	mponent Equip.	For.	[oca]	Total (PP)	Labor	Material	omponent (PP) Equipment T	unt Foreign	Local	Total (PP)	Remarks
L002 L019 L009	Foreman   Skilled Labor   Welder	ba ba ba	1. 10 2. 20 2. 90	100.0%	0.0% 0.0% 0.0%		0.0% 0.0% 0.0%	100.0%	576, 00 410, 00 509, 00		0, 00 0, 00 0, 00	0, 00 0, 00 0, 00	0, 00 0, 00 0, 00	633, 60 902, 00 1, 476, 10	633, 60 902, 00 1, 476, 10	
L020 R0401-025	Unskilled Labor Crawler Crame, 21-25t	ind für	1. 80 4. 07 1. 00	100.0% 4.7%	0.0% 8,0%	0.0% 87.3%	0,0% 52,7%	100,0% 47,3%	320, 00 1, 560, 00	576, Q0 298, 41	0.00 507.94	5, 642, 85	0. 00 3, 348, 06	576. 00 3, 001. 14	576, 00 6, 349, 20	
	Hiscellaneous Total Components (%)	LŞ.		6, 0x	30.0%	70, 0%	55.0%	45.0%		3,885, [] 36,5%	208. 67 716, 61 6. 7%	488, 91 6, 029, 76 56, 74	382, 57 3, 730, 63 35, 13	313, 01 6, 901, 85 64, 9%	693, 58 10, 632, 48 100, 0%	7, 0%
	Unit Rate Miscellaneous covers the cost for weldi	ng mach	ino. gener	tor. ste	el cutte	r, stc.				38.74	7, 14	60,11	37. 19	68. BL	105.00	
W0424	Temporary Access Bridge Railing Remov	al i				Un	it Rate					Amo	Unit:	100.00	<u>'                                    </u>	<del></del>
Item No.	Description Foreman	Unit	Quantity 0,50	Lab. 100, 0%	Mat, 0.0%	nponent Equip. 0. 0x		Local 100.0%	Total (PP) 576, 00	Labor 288, 00	Material 0.00	Equipment (PP)  Equipment  0.00	Foreign 0,00	Local 288, Q0	Tota) (PP) 288.00	Remarks
F008	Skilled Labor Welder	md md	1.00 2.00	100.0%	0, 0% 0, 0%	0.0%	6. 0% 0. 0%	100.0%	410.00 509,00	410.00 1,018,00	0, 00 0, 00	0, 00 0, 00	0. 00 0. 00	410, 00 1, 018, 00	410.00 L,018.00	
L020 R0401-025	Unskilled Labor Crawler Crane, 21-25t Miscellaneous	hr LS	1,00 2,33 1,00	4. 7%	0, 0% 8, 0% 30, 0%	87.3%	0, 0% 62, 7% 55, 0%	47.3%	320.00 1,560.00	320. 00 170, 84 0. 00	0. 00 290. 78 17. 01	0.00 3.173,18 39.70	0.00 1,916.70 31,19	320, 00 1, 718, 10 25, 52	320, 00 3, 634, 80 56, 7t	(.0%
	Total Commonents (%)									2, 206, 84 38, 5%	307, 80 5, 4%	3, 212, 88 86, 14	1, 947, 89 34, 04	3, 779, 61 66, 0%	8, 727, 5\  00.0%	
L	Unit Rate Miscellaneous covers the cost for woldi	E M	ine, gaher	tor, ste	e) cutte	r, stc.	<u> </u>			22.08	3, 08	92, 141		37, 81	67, 30	<del></del>
70431	Temporary Drain Pump Installation & R		Quantity	]			le Rate		Tatal			Anto	lini t i unt	1.00 s		P(1-4
LOO2	Pescription Foreman	Unit	0. 20	Lab. 100.0%		Equip. 0.0%	For. 0.0%	Local 100.0%	Total (PP) 676, 00	Labor 115, 20	Material	Equipment (PP)  Equipment 0,00	Foreign 0.00	Local 115, 20	Total (PP) 115, 20	Romarks
L020 R0402-003	Unskilled Labor Truck Crane, Hydraulic 2-8t Miscellangous	ad hr LS	2, 80 4, 57 1, 00	100.0%	0.0% 10,9%	0, 0% 70, 9%	0, 0% 45. 6%	100, 0% 54, 4%	320, 00 413, 00	898.00 343.51 0,00	0.00 205.73 6.00	0,00 1,338.17 0.00	0.00 860,85 0,00	896. 00 1, 026. 56 0, 00	896, 00 1, 887, 41 0, 00	0.0%
	Total Components (%)									1, 354, 71	205 73 7, 1%	[, 338. 17] 46, 2%	860, 85 29, 7%	2, 037, 76 70, 3%	2, 898, 61 100, 0%	
W0432	Unit Rate Temporary Drain Pump Operation	set		li						1,355,36	205, 83	1.338.82	861, 26	2, 038, 74	2,900.00	
Item No.	Description	Unit	Quantity			nponant.			Total		C	Amo exponent (PP)	ınt		lotal	Romarks
1019	Skilled Lebor Electric Water Pump 3 1/2 - 4 (88.9-	nd .	0.24	Lab. 100, 0%	0, 0%	0.0%	For. 0,0%	100.0%	(PP) 410.00	98.40	0.00	Equipment 0,00	Foreign 0.00	98, 40	(PP) 98.40	
R1004-102 R1001-015	l0i.5mm) Generator l1-15 kW	day day	1, 00 1, 00 1, 00	0.0% 0.0% 0.0%	27. 7% 21. 1% 50. 0%	72. 3% 78. 9% 50. 0%	53, 1% 56, 6% 50, 0%	46, 9% 43, 4% 50, 0%	195. 00 883. 00	0. 00 0. 00 0. 00	54. 02 186. 31 <u>5.</u> 88	140, 99 696, 69 5, 88	103, 62 499, 66 5, 88	91, 38 383, 34 5, 88	195.00 883.00 11.76	1.00
	Miscellaneous Total Components (%)		1.03	0.00	30,04	30. 02	10, 0,0	90.01		98. 40 B, 3%	246, 21 20, 7%	843. 55 71. 04	. 609, 15 51, 3%	579, 00 48, 7%	1, 188, 16 100, 0%	1.0%
	Unit Rate Miscellaneous covers the costs for depre	day eciatio	n of pipes	and fitt	ings, et	c.				98. 55]	246, 59	844.86	610, 10	579.90	1, 190, 00	
¥0441	Temporary Frame Support [hata]lation i		1				t Rate			··.		Amo	Unit:	100.00 m		
Item No.	Description Foreman	Unit	Quantity 0.94	Lab. 100. 0%		Equip. 0.0%	(%) For. 0, 0%	Local 100.0%	Tota) (PP) 578.00	(abor 541, 44		Equipment (PP)	Foreign 0,00	Local 541, 44	Total (PP) 541, 44	Remarks
L019 L020	Skilled Lebor Unskilled Lebor	nd nd	3.74 2.97	100.0%	0. 0% 0, 0%	0, 0% 0, 0%	0.0% 0.0%	100.0%	410.00 320.00	1, 533, 40 950, 40	0. 00 0. 00	0. 00 0. 00	0. 00 Q. 00	1, 633, 40 950, 40	1, 533, 40 950, 40	
R0402-025	Truck Crase, Hydraulic 21-25t Miscellaneous Total	hr LS	60   00	6. 6% 6, 0%	6, 8% 40, 0%	87. 6% 55, 0%	52.0% 50.0%	48.0% 50.0%	1, 330. 60	119, 17 7, 73 3, 152, 14	144, 70 fil. 84 206, 54	1, 864, 13 85, 03 1, 949, 16	1, 105, 74 77, 30 1, 183, 04	1, 022, 26 77, 30 4, 124, 80	2, 128, 00 154, 60 5, 307, 84	3, 0%
	Components (%) Unit Rate Miscellaneous covers the cost for preparations	n3	of foundati	22. 50.0			0018 01	=		59. 4% 31, 53	3, 9% 2, 07	36. 7% 19. 50	22, 3%	17.7% 41.26	100, 0% 53, 10	
¥0442	Temporary Frame Support Depreciation	10000	o, locati	OIL WALL	tenance,								Un(t:	[00,00 m	3:4	
Item No.	Description	Vnít	Quantity	Lab,		Un ponent ( Equip.		I.oca i	Total (PP)	Labor		Amor emponent (PP) Equipment	Foreign	Local	Total (PP)	Remarks
105062	Temporary Frame Support (Fortal 1219x1700)	day	17.68	0.0%	100.0%	0, 0%	60, 0%	50.0%	1.65	0.00	29. 01	0,00	14.51	14. BI	29. 61	
<b>1</b> \$05086	Temporary Frame Support (bracing 1829 x 1219) Miscellaheous	day LS	70.34	0.0%	100.0% 50.0%	0, 0% 50, 0%	60.0% 60.0%	50. 0% 50. 0%	0. 59	0. 00 0. 00	41, 50 2, 82	0.00 2,82	20.75 2,62	20, 75 2, 82	41.50 5.64	8.0%
	Total Components (%)	#3 · d								0,00 0.0% 0.00	73.33 96.3% 0.73	2, 82 3, 7%	2, 62 38, 08 50, 0% 0, 38	38, 08 50, 0% 0, 38	76. 15 100, 0% 0, 76	
	Unit Rate Miscellaneous covers the cost for irregu	iler en			2) josen	e for s	affoldi	g, etc.	<del></del> .	U, 001	V. J31	0, 03			0.10[	
WO451 Item No.	Temporary Sheet File Driving for coffe Description	Unit	(Vibro Ham Quantity	er)	Con		t Rate		Total		Co	Amou emponent (PP)	Unit:	100.00 h	Total	Remarks
1.002	Forenan	nd	0.42	Lab. 100. 0%	Mat. 0. 0%	Equip 0.0%	For.	Local 100, 0%	(PP) 576, 00	241.92	Materia 0,00	Equipment ( 0.00	Foreign 0.00	Loca 241.92	(PP) 241.92	, condition
£,020	Skilled Labor Unskilled Labor Vibratory Pile Driver, Electric 60kW	md md	0. 84 0. 42	100, 0%	0. 0X 0. 0X	0. 0% 0. 0%	0. 0% 0, 0%	100, 0%	410.00 320.00	344. 40 134. 40	0, 00 0, 00	0,00	0, 60	344, 40 134, 40	344. 40 134. 40	
R0401-010	w/a Genset Crawler Crane, 36~40t	hr hr	2: 78 2: 78	8. 9% 3. 8%	9. 9X 8. 4X	81. 2% 87. 8%	49. 0% 53. 2%	51.0% 46.8%	734.00 1,950.00	181. 61 206, 00	202. DI 455. 36	1,656.90 4,759.64	1,000.39 2,882,03	1,040.13 2,538.97	2, 040. 52 5, 421. 00	
R0402-028	Gunerator 151-200 kW Truck Crane, Hydraulic 21-25t Miscellaneous	day hr 1.5	0.42 1.67 1.00	0. 0% 5. 6%	47. 6% 6. 8%	62. 4% 87. 6%	59. 4% 52. 0%	40, 6% 48, 0%	5, 280. 00 1, 330. 00	0, 00 124, 38 0, 00	1, 055, 58 151, 03 0, 00	L, 162, 02 L, 945, 68 0, 00	l. 317, 72 l. 154, 12 0, 00	899. 88 1, 068. 98 0. 00	2, 217, 60 2, 221, 10 0, 00	0.0%
	Total Components (%)									1, 232, 71 9, 8% 12, 31	1, 863, 99 14, 8% [8, 6]	9, 524, 25 75, 5% 95, 06	6, 354, 25 50, 3% 63, 44	6, 266, 69 49, 7% 62, 56	12,620,94 100,0% 126,00	
·	Te = [(0.75 + y hmax) L + a] K/F Te : Construction time per pile	 P	25,0	ain/pile		I	aximum N	-value		= 30,00	7	: Operation h	our per day	ye, ini	= 6.56 h	r/day
	a : Coefficient y : Coefficient L : Pile driving length	:	3. 57 0. 02 15. 00			K : Coef F : Work	ficient factor			= 1.05 = 1.00	Sh Sh	eet Pile widt eet Pile leng	h ch		= 0.400 a = (5,000 m	
	* · L · 4& mt 42 rill 3 avilleti)	•	10.40	-												

00460	Townson Chara Bills Bosses San and	ed	Miles U.										Unit:	100 50	_	
Item No.	Temporary Sheet File Removal for coff	Unit		Mer)	Co	Un oponent	it Rate		Total			A Component (P	rount	100.00	Total	Remarks
1,002	Foreman	ad	0. 26		0.0%	Equip. 0.0%	For. 0.0%	Local 100.0%	(PP) 576, 00	Labor 149, 76	Materia 0.00	Equipment 0.00	Foreign 0,00	Local 149, 76	(PP) 149. 76	
L019 L020	Skilled Labor Unskilled Labor	md md	0. 52 0. 26			0.0%	0.0% 0.0%	100, 0% 100, 0%		213, 20 83, 20	0. 00 0. 00	0. 00 0. 00		213.20 83,20	213, 20 83, 20	
R0503-120 R0401-040	w/o uensel	hr hr	1.71		9.9% 8,4%	81.2% 87.8%	49.0% 53.2%	51.0% 46.8%	734, 00 L. 950, 00	111.71	124, 26 280, 10	1, 019, 17 2, 927, 69	1	639, 79 1, 561, 74	1, 255, 14 3, 334, 50	
R1001-200 R0402-025	Generator 151-200 kW	dav hr	0.26	0.0%	47.6%	52.4%	59. 4% 52. 0%		5, 280, 00 1, 330, 00	0, 00 76, 71	653. 46 93. 15	719. 35 1, 200. 03	815.73	557, 07 868, 08	1, 372, 80 1, 369, 90	
	Migcelleneous [etal	LS	1.00							761, 29	0, 00 1, 150, 96	0,00 5,866,24	0,00 3,915.65	0, 00 3, 862, 85	0.00 7,778.50	0.0%
	Components (%)	a			E					9. 8% 7. 61	14, 8X 11, 51	75, 4% 58, 67	50, 3% 39, 16	49. 7% 38, 64	100.0% 77,80	
	Tc = [(0.75 + y \max) \cdot \c		18. 4 3. 43	min/pile	,	Nmax : 1 K : Coef	laximum !	eulsv-)		≈ 30.00 ≈ 1.05		T : Operation Short Pile w	hour per day		= 6.66 = 0.400	hr/day
	y : Coefficient L : Pile pullout length	:	0. 00 15. 00	)		F : Work	factor			= 1.00		Sheet Pile le			= 15. 00D	
TQ465	H-Pile Driving for Temporary Access B	-											_Unit:	(00, 00	m	
Item No.	Description	Unit	Τ		Con	Un Eponent	it Rate		Total			Component (P)	nount		Tota)	Remarks
L002 L019	Foreman Skilled Labor	md md	0. 50 L. 00		0,0%	0.0%	For. 0.0% 0.0%		(PP) 576.00 410.00	Labor 268, 00 410, 00	Material 0.00 0.00	Equipment 0.00 0.00	0.00	Local 288, 00 410, 00	(PP) 288.00 110,00	
L020	Unskilled Labor Vibratory Pile Driver, Electric 60kW	nd	0, 50	100.0%	0.0%	0.0%	0, 0%	100.0%	320.00	160.00	0.00	0.00	0.00	L60. Q0	160.00	ĺ
R0503~120 R0401-040	w/a Genset	hr hr	3. 27	! !	9. 9% 8. 4%	81.2% 87.6%	49. 0% 53. 2%	51.0% 46.8%	734. 00 1, 950. 00	213, 62 243, 31	237, 62 635, 63	1, 949. 95 5, 598. 67	1, 176, 71 3, 390, 01	1, 223, 47 2, 986, 49	2, 400, 18 6, 376, 50	
	Generator (51-200 kW Truck Crano, Hydraulic 21-25t	day hr	Q. 50 I, 96	5.6%	47.6% 6.8%	62.4% 87.6%	59.4% 52.0%	40.6% 48.0%	5, 280. 00 1, 330. 00	Q, QC 145, 98	1,256.64 177,26	l, 383, 36 2, 283, 56	1,566.71 1,354.53	1.071.29 1.252.27	2,640,00 2,606,80	1
	Miscellaneous Total	L.LS	1.00	-						0, 00 1, 459, 90 9, 8%	0,00 2,207,15	0.00 11.214.43	7, 489, 97	7,391.51	0, 00 14, 881, 48	0.0%
<u> </u>	Components (%) Unit Rete To * (Ts + Tb)/F	A							L : Pile Dri	14, 62	14, 6X 22, 10	75, 4% 112, 28 • 15, 00		49, 7% 74, 01	100, 0% 149, 00	
	To: Construction time per pile Ts: Preparation time per pile	:	10, 00	min/pile min/pile	,				K : Coeffici Nmax: Haximu	ent n N-value		= 0.95 = 30,00	¥.			
	The Driving time per pilo y : Oriving time per unit meter	•		13, 54	sin/pile				F : Work fac T : Operation	tor 1 hour per day	ı	= 0,80 = 6,66	hr/day			
			60 D 10						Pile Length			= 15,00				
#0455 [tem No.	H-Pile Removal for Temporary Access B  Description	Unit	1	DT)		Un:	ı Rate		Total			Am Component (PP	Unit:	100.00	Total	Romarks
L002	Foreman	nd	0. 29	Lab. 100. 0%		Equip.	For. 0.0%	local 100.0%	(PP) 676. 00	Labor 167, 04	Material 0.00	Equipment 0.00	Foreign 0,00	[,ocal 167, 04	(PP) 167. 04	
	Skilled Labor Unskilled Labor	end and	0. 58 0. 29		0.0% 0.0%	0.0%	0.0% 0.0%	100,0%	410.00 320.00	237. 80 92. 80	0, 00 0, 00	0, 00 0, 00	0, 00 0, 00	237, 80 92, 80	237, 80 92, 80	
R0503-120	Wibretory Pile Driver, Electric 60kW w/o Genset	hr	1.88	8.9%	9.9%	81. 2% 87. 08	49.0%	51 0% 46 6%	734.00	122. B1 139. 31	136.61	1, 120. BD 3, 218, 75	676, 52 1, 949, 00	703, 40	1, 379, 92	}
Rt001-200	Crawler Cranc. 36-40: Generator 151-200 kW Truck Crane, Hydraulic 21-25t	day hr	1.88 0,29 1.13	0.0%	8. 4% 47. 6% 6. 8%	87. 8% 52, 4% 87. 6%	53. 2% 59. 4% 52. 0%	40. 5% 48. 0%	1, 950, 00 5, 280, 00 1, 330, 00	0, 00 84, 16	307. 94 728. 85 102. 20	3, 218, 75 802, 35 1, 316, 54	909, 85 780, 93	1, 717, 00 621, 35 721, 97	3, 666. 00 1, 531. 20 1, 502, 90;	
10702-020	Viscellaneous Total	is.	1.00					10.04	1, 450. 65	0, 00]	0.00	0, 00 6, 45B, 13	0,00 4,316,30	0,00 4,251,36	0,00 8,577,66	0.0%
	Components (%). Unit Rate	. 0.			$\equiv \equiv$					843. 92 9. 8% 8. 44	14. 9% 12. 76	75. 3% 64. 50	50, 3% _43, 17	49, 7% 42, 63	00, 0% 85, 80	
	Tc * (Te + Tb)/F Te : Construction time per pile			min/pile					L : Pile pul K : Casifici	int.		= 15.00 = 0.95	m			
	Ts: Preparation time per pile Tb: Pull out time per pile y: Pull out time per unit meter	•	γ - Ł·K ■	min/pile 9.26 min/m	min/pile				Nmax: Maximus F : Work fact	a N∸value tor hour per day		= 30,00 = 0.90 = 6,55	V- 64			
	A . 1011 Out class but filtr meret	•	0, 00	marily m					Pile Length	illogi het dat		<b>= 15.00</b>				
J0501	Ground Assembly of Structural Steel B	ridge k	lembers										_Unit:	1,00 t		
ltem No.	Description	Unit	Quantity			popent (			Tota)			omponent (PP			Total	Remarks
L002 L019	Foreman Skilled Labor	nd nd	0. 04 0. 23		0.0% 0.0%	0, 0% 0, 0%	0.0% 0.0%	00.0%	(PP) 576, QO 410, QO	Labor 23, 04 94, 30	Haterial 0,00 0,00	Equipment 0.00 0.00	Foreign 0.00 0.00	23.04 84.30	(PP) 23. 04 94. 30	<u>-</u>
1.020	Unskilled Labor				0. OX	0.0%										- 1
	Truck Crane. Hydraulic 91~100t	hr hr	0.04 0.22		2.6%		0.0% 53,8%	100, 0% 46, 2%	320.00 5,050.00	12, 80	0.00 28,69	0.00 1,065,46	0. 00 597, 26	£2. BO	\$2.80	
	Truck Crane, Hydraulic 9t-100t Miscellaneous Total	nnd hr LS	0.04 0.22 1.00	1.5%		95. 9% 50. 0%	53, 8% 50, 0%		320.00 5,050.00	12, 80 16, 67 0, 00 146, 81	0.00 28,69 9,93 38,82	1, 065, 45 14, 89 1, 080, 34	597. 26 12, 41 609. 68	£2. 80 613. 74 12, 41 556, 29	\$2.80 1.111.00 24.82 1.265,96	2.0%
	Miscellangous Total Commonats (%) Unit Raye	hr LS	0. 22 1. 00	1.5%	2. 6%	95. 9%	53, 8%	46. 2%	320.00 5,050.00	12, 80 16, 67 0, 00	0.00 28,69 9.9 <u>3</u>	1, 065, 45 14, 89	597. 26 12, 41 609. 68 48, 2%	£2. BO	£2. 80 1. 111. 00 24. 82	2.0%
	Niscellaneous  Total  Commonants (%)  Unit Rate  Wiscellaneous covers the cost for gener y = G/(0.038 m (Gr-23))	hr LS	0.22 ].00 uel, etc.	1. 5% 0. 0%	2. 6% 40. 0%	95. 9% 50. 0% G: Asser	53, 8% 50, 0%	46. 2% 50, 0%	5, 050. 00 = 1196. 0	12. 80 16. 67 0, 00 148. 81 11. 6%	0.00 28,69 9.93 38,82 3,1%	1, 065, 45 14, 89 1, 080, 34 85, 3%	597, 26 12, 41 609, 68 48, 2%	£2. 80 613. 74 12, 41 556, 29	\$2.80 1.111.00 24.82 1.265,96 100,0%	2. 0N
	Niscellaneous  Total Commonats (%) Unit Rate Hiscellaneous covers the cost for gener y = G/{0.038 a. (G+23)} y : Work capacity	t star, f	0.22 ].00 uel, etc.	1.5%	2. 6% 40. 0%	95. 9% 50. 0%	53, 8% 50, 0%	46. 2% 50, 0%	5, 050. 00	12. 80 16. 67 0, 00 148. 81 11. 6%	0.00 28,69 9.93 38,82 3,1%	1, 065, 45 14, 89 1, 080, 34 85, 3%	597, 26 12, 41 609, 68 48, 2% 611, 62	\$2. 80 613, 74 12, 41 556, 29 51, 8% 658, 38	\$2. 80 1. 11. 00; 24. 82 1. 265, 96 100, 0x; 1, 270, 00	2. 0 <u>%</u>
¥0502	Niscellaneous  Total  Commonants (%)  Unit Rate  Wiscellaneous covers the cost for gener y = G/(0.038 m (Gr-23))	t star, f	0.22 ].00	1.5% 0.0%	2. 6% 40. 0%	95. 9% 50. 0% G: Auser a: coef Uni	53, 8% 50, 0% shied wa ficient	46. 2% 50, 0%	5,050.00	12. 80 16. 67 0, 90 148. 81 11, 6% 147, 27	0.00 28.89 9.93 38.82 3.12 38.94	1, 085, 46 14, 89 1, 080, 34 85, 34 1, 083, 79 1, 083, 79	597. 26 12. 41 609. 68 48. 2% 611. 62	62. 80 613. 74 12. 41 656, 29 51. 8% 658, 38	12. 80 1. 111. 00 24. 82 1. 265, 96 1. 00, 0x 1. 270, 00	2.0%
#0502   Item No.   L002	Miscellaneous  Total  Commonats (%)  Unit Hate  White Hate  Wide Covers the cost for gener y a G/(0.038.e. (ar2s)) y: Work capacity  Brection of Structurel Steel Bridge M  Description  Foreman	hr LS  t star, f members Unit	0. 22 1. 00 uel, etc. 26. 82 Quentity 0. 37	1.5% 0.0%	2. 6% 40. 0%	95. 9% 50. 0%  G: Auser a: coef  Uni sponent ( Equip. 0. 0%	53, 8% 50, 0% sabled wa ficient 1. Rate %) For. 0. 0%	46. 2% 50, 0%	5,050.00 = 1196.0 = 1.00 Total (PP) 576.00	12. 80 16. 67 9, 00 148. 81 11. 68 147. 27	0.00 28.89 9.93 38.82 3.72 38.94	1, 065, 46 14, 89 1, 080, 34 85, 38 1, 083, 79 1, 083, 79 Component (PP Equipment	597. 26 12. 41 609. 68 48. 2% 511. 62 Unit:	12. 80 613. 74 12. 41 556. 29 51. 65 658. 38	(2.80) 1.111.00 24.82 1.265.96 100.05 1.270.00  Total (PP) 213.12	
#0502 Item No. L002 L019 L026	Miscellaneous  Total  Commonats (%)  Unit Rate Hiscellaneous covers the cost for gener y a C/(0.038-a-(Ge23)) y: Work comments  Braction of Structure) Steel Bridge M  Description  Foreman Skilled Labor Unskilled Labor	t t stor, f	0. 22 1. 00 uel. etc. 26. 82 Quantity 0. 37 2. 25 0. 37	1.5% 0.0% 1/day 1/day	2. 6% 40. 0% 40. 0% Com 3fa t. 0. 0% 0. 0% 0. 0%	95. 9% 50. 0% G: Auser 6: coef Uni ponent ( Equip. 0.0% 0.0%	53, 8% 50, 0% shiled wa ficient 1 Rate %) For. 0.0% 0.0% 0.0%	46. 2% 50, 0% (ght.	5,050.00 = 1196.0 = 1.00 Total (PP) 576.00 410.00 320.00	12. 80 16. 67 0, 00 145. 81 11. 63 147. 27 147. 27	0.00 28.89 9.93 38.92 3,12 35.94	1, 065, 45 14, 89 1, 080, 34 85, 3% 1, 083, 79  Am Component (PP Equipment Equipment 0, 00 0, 00 0, 00 0, 00	597. 26 12. 41 609. 68. 48. 25 611. 62 Unit: Ount 0. 00 0. 00 0. 00	12. 80 513. 74 113. 74 15.50, 29 51. 08 658. 38 10. 00 y	(2. 8a) 1. 11. 00 24. 82 1. 265. 96 1. 00, 0x 1. 270. 00  Total (PP) 213. 12 922. 50 118. 40	
#0502 Item No. L002 L019 L020 R0402-L00	Miscellaneous  Commonants (%)  Commonants (%)  Unit Mare Hiscellaneous covers the cost for gener y a \$/(0.038-u.Get23) y: Work capacity  Brection of Structurel Steel Bridge M  Description  Foreman  Foreman  Foreman  Truck Crase. Wadrealic 9:-100t  Miscellaneous  Total	t stor, f	0. 22 1. 00 uel, etc. 26. 82 Quantity 0. 37 2, 25	1. 5% 0. 0% 1/day 1/day 100. 0% 100. 0% 100. 0%	2. 6% 40. 0% Com Mat. 0. 0% 0. 0%	95. 9% 50. 0% G: Asser a: coef Uni sponent ( Equip. 0. 0% 0. 0% 0. 0% 95. 9%	\$3,8% 50,0% sabled wa ficient 1. Rate %) For. 0.0% 0.0%	46. 2% 50, 0% (ght.	5,050.00 = 1196.0 = 1.00 Total (PP) 576.00 410.00	12. 80 16. 67 0, 00 145. 81 147. 27 147. 27	0.00 28.89 9.93 38.92 3.13 3.13,94	1, 085, 45 14, 89 1, 080, 34 85, 3% 1, 083, 79  component (PP Equipment 0, 00 0, 00	597.26 12.41 609.68 48.28 611.62 Unit: ount Foreign 0.00 0.00 0.00 0.00 1.00 0.00 0.00 1.00 0.00 0.00 0.00 0.00	12. 80 613. 74 12. 41 656, 29 51, 08, 658, 38 10. 00 x Locel 213. 12 922. 60 118. 40 4. 997. 24 422. 14	12.80 1.11.00 24.82 1.265.96 100.05 1.270.00 1.270.00 Total (PP) 213.12 922.55 118.40 10.807.03 844.27 12.905.90	
T0502 Item No. 1.002 1.019 1.020 R0402-100	Miscellaneous  Total  Commonants (%)  Butt Mate Hiscellaneous covers the cost for gener y = G/(0.038-a-(Ge23)) y: Work capacity  Braction of Structurel Steel Bridge M  Description  Foreman Skilled Labor Unskilled Labor Truck Crane, Hydraulic Gi-100t Miscellaneous  Components (%)	t star, f	Quantity  0. 37 2. 25 0. 37 2. 14 1, 00	1. 5% 0. 0% 1/day 1/day 100. 0% 100. 0% 100. 0%	2. 6% 40. 0% 40. 0% Com Mat. 0. 0% 0. 0% 0. 0%	95. 9% 50. 0% G: Asser a: coef Uni sponent ( Equip. 0. 0% 0. 0% 0. 0% 95. 9%	53, 8% 50, 0% shied wa ficient t. Rate %) For 0.0% 0.0% 53, 8%	46. 2% 50, 0% (ght.	5,050.00 = 1196.0 = 1.00 Total (PP) 576.00 410.00 320.00	12. 80   16. 67   0. 00   445. 81   11. 6%   147. 27   147. 27   12. 12   922. 50   118. 40   162. t1	0.00 28.89 9.93 38.92 3.12 38.94  Material 0.00 0.00 0.00 280.98	1, 065, 46 14, 89 1, 080, 34 85, 3% 1, 083, 79 Component (PP) Equipment 0, 00 0 0 0	597. 26 12. 41 609. 58 48. 28 611. 62  Unit: Ount 0. 00 0. 00 0. 00 5, 809. 76	12. 80 513. 74 12. 41 556. 29 51. 98 658. 38 10. 00 y Locol 213. 12 922. 60 118. 40 4. 997. 24	12.80 24.82 1.00 1.00 1.00 1.00 1.270	Remarks
ftem No. 1.002 1.019 1.020 R0402-100	Niscellaneous   Total   Commonants (%)	t star, f	Quantity  0.37 2.14 1.00	1, 5% 0, 0% 1/day 1/day 100, 0% 100, 0% 1, 5% 0, 0%	2. 6% 40. 0% 40. 0% Com Mat. 0. 0% 0. 0% 0. 0%	95. 94 60. 0% G: Auser a: coef Uni spenent ( Equip. 0.0% 0.0% 0.0% 0.0% 60.0%	53, 8% 50, 0% shled wa ficient 1. Rato 8) For. 0.0% 0.0% 53.8% 50, 0%	46. 2% 50, 0% (ght 100, 0% 100, 0% 100, 0% 50, 0% 50, 0%	5,050.00  - 1196.0 - 1.00  Total (PP) - 576.00 - 320.00 - 5,060.00	12. 80 16. 67 0. 00 148. 81 11. 65 147. 27 14 12 213. 12 222. 50 18. 62 11. 10 10. 00 1. 118. 13 11. 07 141. 55	0.00 28.89 9.93 38.82 3.12 39.94  Material 0.00 0.00 0.00 0.00 280.98 337.71 618.69 4.64	1, 065, 45 14, 89 1, 080, 34 85, 38 1, 083, 79 1, 083, 79 1, 083, 79 1, 083, 81 1, 083, 81 1, 083, 81 1, 083, 81 1, 083, 81 1, 086, 60	597.26 12.41 609.68 48.2X 611.62 Unit: Ount Foreign 0.00 0.00 0.00 0.00 0.00 0.00 0.00 4.22.14 48.33.89	12. 80. 613, 74 12. 41 1. 556, 29 1. 51, 8% 658, 28 1.	12.80 1.111.00 24.82 1.265.9 100.05 1.270.00 1.270.00 Total (PP) 121.12 922.55 118.40 10.807.00 844.27 12.905.29	Remarks
Item No. 1.002 1.002 1.019 1.020 R0402-1.00	Miscellaneous  Total Commonats (%)  Bott Rate Hiscellaneous covers the cost for gener y = G/(0.038-a.(6x23)) y : Work capacity  Braction of Structurel Steel Bridge M  Description  Foreman Skilled Labor Unskilled Labor Truck Crane. Hydraulic 91-100t Miscellaneous  Components (%) Unit Rate Miscellaneous covers the cost for gener	t star, f	Quantity  0.37 2.14 1.00	1, 5% 0, 0% 1/day 1/day	2. 6% 40. 0% 40. 0% Com Mat. 0. 0% 0. 0% 0. 0%	95. 94 60. 0% G: Auser a: coef Uni spenent ( Equip. 0.0% 0.0% 0.0% 0.0% 60.0%	53, 8% 50, 0% shled wa ficient 1. Rato 8) For. 0.0% 0.0% 53.8% 50, 0%	46. 2% 50, 0% (ght 100, 0% 100, 0% 100, 0% 50, 0% 50, 0%	5, 050. 00 = 1196. 0 = 1.00 Total (PP) 576. 00 410. 00 410. 00 320. 00 5, 950. 00	12. 80 16. 67 0. 00 148. 81 11. 65 147. 27 14 12 213. 12 222. 50 18. 62 11. 10 10. 00 1. 118. 13 11. 07 141. 55	0.00 28.89 9.93 38.82 3.12 29.94  Material 0.60 0.00 0.00 280.94 4.83 61.84	1, 065, 45 14, 89 1, 080, 34 85, 38 1, 083, 79 1, 083, 79 1, 083, 79 1, 083, 81 1, 083, 81 1, 083, 81 1, 083, 81 1, 083, 81 1, 086, 60	597.26 12.41 609.68 48.2X 611.62 Unit: Ount Foreign 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	12. 80. 613, 74 12. 41 1. 556, 29 1. 51, 8% 658, 28 1.	12.80 1.111.00 24.82 1.265.9 100.05 1.270.00 1.270.00 Total (PP) 121.12 922.55 118.40 10.807.00 844.27 12.905.29	Remarks
fcen No. L002 L019 L020 R0402-L00	Miscellaneous  Total  Commonants (%)  But Harp  Hiscellaneous covers the cost for gener y = G/(0.038-a.(Ge23))  Foreman  Skilled tabor  Description  Foreman  Skilled tabor  Truck Crane. Hydraulic Gi-100t  Miscellaneous  Components (%)  Unit Rate  Miscellaneous covers the cost for gener y = W/(0.47-al·(n+4)) ≥ 9.0t/dey y : Work cameliv	t t star, f	0. 22 1. 00  uel. etc. 25. 82  Quantity 0. 37 2. 25 0. 37 2. 14 1. 00	1, 5% 0, 0% 1/day 1/day	2. 6% 40. 0% 40. 0% Com Mat. 0. 0% 0. 0% 0. 0%	95. 94 60. 0% G: Auser a: coef Uni spopent ( Equip. 0. 0% 0. 0% 0. 0% 60. 0%	53, 8% 50, 0% 50, 0% sheld wa ficient 1. Rate %) For. 0.0% 0.0% 53.8% 50, 0%	46. 2% 50, 0% (ght 100, 0% 100, 0% 100, 0% 50, 0% 50, 0%	5,050.00  - 1196.0 - 1.00  Total (PP) - 576.00 - 320.00 - 5,060.00	12. 80 16. 67 0. 00 148. 81 11. 65 147. 27 14 12 213. 12 222. 50 18. 62 11. 10 10. 00 1. 118. 13 11. 07 141. 55	0.00 28.89 9.93 38.82 3.12 39.94  Material 0.00 0.00 0.00 0.00 280.98 337.71 618.69 4.64	1.065.46 14.88 1.089.34 85.33 1.083,79 1.083,79 1.083,79 1.083,79 1.083,79 1.083,79 1.083,79 1.083,79 1.084,18 1.085,60 1.085,60 1.085,60	597.26 12.41 609.68 49.24 611.62 Unit: SUNI 0.00 0.00 0.00 5.809.76 422.14 6231.63 49.34 622.93	12. 80. 613, 74 12. 41 1. 556, 29 1. 51, 8% 658, 28 1.	12.80 1.111.00 24.82 1.265.96 100.05 1.270.00 1.270.00 Total (PP) 213.12 922.55 118.40 10.807.00 844.27 12.905.39 10.05 11.290,00	Remarks
#0502 Item No. 1.002 1.019 1.020 1.020 80402-100	Miscellaneous  Total Commonants (%)  Britane Miscellaneous covers the cost for gener y = G/(0.038-u (6x23)) y: Work capacity  Brection of Structurel Steel Bridge M  Description  Foreman Skilled Labor Unskilled Labor Truck Crane. Avdraulic Gi-100t Miscellaneous Total Commonants (%)  Wiscellaneous  Miscellaneous covers the cost for gener y = W/(0.47-zi - (n+4)) \( \) 9.0c/day y: Work capacity al: Coefficient = 0.4-\( \) (0.75-W/n)  Rolting of Structurel Steel Bridge Mer	tsatar, fi	0.22   0.22   0.02   0.	1, 5% 0, 0% 1/day 1/day 100, 0% 100, 0% 1, 5% 0, 0%	2. 6% 49. 0% Cos Mat. C. 0% G. 0%	95. 94 60. 04 6: Auser 6: coef Uni sponent ( Equip. 0. 0% 0. 0% 0. 0% 95. 94 60. 07	53, 8% 50, 0% shied we fictent 1. Rate 1. Rate 1. Por. 0.0% 0.0% 50, 0% 50, 0% 1. Tota 1. Russia 1. Rate 1.	46.2% 50.0% ight [ccal 100.0% 100.0% 46.2% 50.0%	5,050.00  = [196.0]  Total (PP)  576.00 320.00 5,050.00  Total (PP)	12.80   16.67   9.00   146.81   11.6%   11.6	0.00 28.69 9.93 38.82 3.12 38.94	1, 065, 46 14, 88 1, 083, 34 85, 33 85, 33 1, 083, 79  An Component (FF Equipment (FF Equipment (FF) Equipment (FF) Equipment (FF) Equipment (FF) Equipment (FF) Equipment (FF) Equipment (FF) Equipment (FF) Equipment (FF)	597.26 12.41 609.68 48.24 911.02 911.	12. 60. 613, 74 12. 41 656, 29 51, 88, 658, 28 10. 00 t 213, 12 922. 60 118, 40 4, 997, 24 4, 673, 40 617, 67 109, 00 t	12.80 1.111.00 24.82 1.265,9 1.00,0s 1.270,00  Total (PP) 213.12 922.50 113.40 10.807.00 844.27 12.905,29 10.00 1,290,00	Remarks
#0502 I ten No. 1002 1019 1020 R0402-100 #0503 I tem No. L002 L019	Niscellaneous   Total     Commonants (%)     Dhit Rate     Hiscellaneous covers the cost for gener y = \$7(0.038-a.(6x23)) y : Work capacity     Brection of Structurel Steel Bridge     Description     Foreman     Skilled Labor     Unit Rate     Miscellaneous   Total     Commonants (%)     Wiscellaneous     Structurel Steel Bridge     Onto Rate     Miscellaneous covers the cost for gener y = \$7(0.47-a! (n-4)) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	t t star, f bhit t star, f	0.22   0.22   0.02   0.	1, 5% 0, 0% 1/day 1/day 100, 0% 100, 0% 100, 0% 100, 0% 100, 0%	2.6% 49.0% Com Mat. C.0% 0.0% 2.6% 49.0%	95. 94 50. 04 6: Auser 6: coef Uni sponent ( Equip. 0. 04 0. 04 0. 04 60, 04	53, 8x 50, 0x shield was # fictent 1. Rate * * * * * * * * * * * * * * * * * * *	46.2% 50.0% ight 100.0% 100.0% 46.2% 50.0%	5,050.00  = [186.0 = 1.00  Total (PP) 576.00 320.00 5,050.00  Total (PP) 576.00 410.00 410.00	12.80   16.67   9.00   146.81   11.6%   11.6%   11.6%   11.6%   11.6%   12.27   12.27   12.28   12.2	0.00 28.89 9.93 38.82 3.12 38.94	1.085.46 14.88 1.080,34 85.33 85.33 1.083,79  Amongonant (FP Equipment (SP) Equip	597.26 12.41 609.68 48.24 48.24 911.92 911.9	12. 60. 613, 74 12. 41 15.6, 29 1. 51, 83, 658, 28 10. 00 t 10. 00	12.80 1.111.00 24.82 1.265,9 1.00,0s 1.270,00  Total (PP) 213.12 922.50 118.40 10.807.001 844.27 12.905,29 1.00,0s 1.290,001	Remarks
#0502 fcen No. 1002 1019 1020 #0402-100 #0503 fcen No. 1002 1019 1020 102	Niscellaneous   Total     Commonants (%)     Dhit Rate     Hiscellaneous covers the cost for gener y = \$7(0.038-a.06×23)     y : Work capacity     Brection of Structurel Steel Bridge     Description     Foreman     Skilled Labor     Uniskilled Labor     Uniskilled Labor     Unit Rate     Miscellaneous   Total     Commonants (%)     Wiscellaneous   Total     Commonants (%)     Wiscellaneous     Skilled Labor     Operation     Skilled Labor     Operation     O	tstar, f	0.22   0.22   0.02   0.	1, 5% 0, 0% 1/day 1/day 100, 0% 100, 0%	2.6% 49.0% Com Mat. 0.0% 0.0% 0.0% 2.6% 49.0% Nat. 0.0%	95. 94 60. 07 61: Auser 62: Auser 63: coef 63: coef 64: coef 65: c	53, 8x, 50, 0x  abled wa ficient  1. Rate  1. Ra	46.2% 50.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	5,050.00  = 1186.0 = 1.00  Total (PP) 576.00 320.00 5,050.00  Total (PP) 576.00 416.00 320.00 16.50	12.80   16.67   9.00   145.81   11.6%   147.27   14.5%   147.27   15.6%   14	0.00 28.89 9.93 38.82 3.12 38.94	1. 085. 46 14. 88 1. 089. 34 88. 38 88. 38 88. 38 88. 38 88. 38 88. 38 88. 38 88. 38 88. 38 1. 083, 79  Amount (PP Equipment (PP	597.26 12.41 609.68 48.24 911.62 911.62  Unit: Sunt O.00 0.00 0.00 5.809.76 422.14 6.231.89 622.93  Unit:	12. 60. 613, 74 12. 41 15.6, 29 15. 83, 658, 28 10. 00 17. 12. 14. 15. 12. 14. 15. 12. 14. 15. 12. 14. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	12.80 1.111.00 24.82 1.125.9 1.00.05 1.270.00  Total (PP) 213.12 9213.12 9213.12 9213.12 922.01 13.40 10.807.00 1.270.00  Total (PP) 34.56 143.50 143.50 19.20 185.20	Remarks
#0502 fcen No. 1002 1019 1020 #0402-100 #0503 ftem No. 1002 1019 10207 102072 102072	Miscellaneous  Total Commonants (%)  Brit Rate Hiscellaneous covers the cost for gener y = G/(0.038-u (6x23)) y: Work capacity  Brection of Structurel Steel Bridge M  Description  Foreman Skilled Labor Unskilled Labor Unskilled Labor Unskilled Labor Unskilled Labor Unskilled Labor Londonnents (%)  Miscellaneous Total Commonants (%)  Miscellaneous covers the cost for gener y = W/(0.47-zi - (n44)) \( \frac{1}{2} \) 9.01/day y: Work capacity at: Coefficient = 0.4-\( \frac{1}{2} \) (0.75-W/n)  Bolting of Structural Steel Bridge Wer  Description  Foreman Skilled Labor Unskilled Labor High Tension Bolt M16 High Tension Bolt M16 High Tension Bolt M20 High Tension Bolt M20 High Tension Bolt M20 High Tension Bolt M20	hr ts t tatar, f unit md ad and br ts t tatar, f unit t tatar, f unit t tatar with the transfer and transfer	Quantity  Quantity  0.37 2.45 0.37 2.41 1.00  Quantity  Quantity  0.37 0.47 1.60	1, 5x 0, 0x 1/day  1/day  1/day  1/day  1/day  1/day  1/day  1/day	2.6% 49.0% Common 19.1% Common	95.9% 60.0% 60.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0	53,8%; 50,0%  shied was ficient  1. Rate  7. C. 0%  0. 0%  50, 0%  1. Tota	46. 2% 50, 0% 100, 0%	5,050.00  - 1196.0  - 1.00  Total (PP)  576.00 320.00 5,050.00  Total (PP) 676.00 320.00 5,050.00  Total (PP) 676.00 320.00 18.50 29.20 42.20	12.80   16.67   9.00   146.81   11.6%   11.6	0.00 28.89 9.93 38.82 3.12 38.94	1, 065, 46 14, 88 1, 080, 34 85, 35, 38 85, 35, 36 1, 083, 79  Annopopent (PP Equipment	597.26 12.41 609.68 48.24 911.92 911.	12. 80. 613, 74 12. 41 15.6, 29 15. 83. 658, 28 10. 00 1 213, 12 92. 65 118. 40 4. 92. 44 4. 667. 67 67 67 67 67 67 67 67 67 67 67 67 67	12.80 1.111.00 24.82 1.125.96 1.00.05 1.270.00  Total (PP) 213.12 213.12 921.14.40 10.807.001 844.27 12.903.29 100.05 1,290.00  Total (PP) 34.56 143.50 19.20 185.00 876.00 876.00	Remarks
#0502 fcen No. 1002 1019 1020 #0402-100 #0503 ftem No. 1002 1019 10207 102072 102072	Miscellaneous  Total Commonants (%)  Britage Miscellaneous covers the cost for gener y = G/(0.038-u (Ge23)) y: Work capacity  Braction of Structurel Steel Bridge M  Description  Foreman Skilled Labor Unskilled Labor Miscellaneous  Commonants (%)  Loti Rate Miscellaneous  Miscellaneous  Commonants (%)  Loti Rate Miscellaneous  Commonants (%)  Loti Rate  Miscellaneous  Commonants (%)  Commonants (%)  Loti Rate  Miscellaneous  Scancin (%)  Commonants (%)  Loti Rate  Description  Foreman  Skilled Labor  Unskilled Labor  Unskilled Labor  Misch Tension Bolt Mi6  High Tension Bolt Mi6  High Tension Bolt M20  High Tension Bolt M20  High Tension Bolt M20  High Tension Bolt M20  High Tension Bolt M20  High Tension Bolt M20  High Tension Bolt M20  High Tension Bolt M24  High Tension Bolt M24  High Tension Bolt M24	br tstar, f	Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity	1. 5% 0. 0% 0. 0% 1. day 1. da	2.6% (40.0%)  Cons. Het. C. 0% (40.0%)  1.0 0% (2.0%)  Cons. O 0 0% (40.0%)  Cons. O 0 0% (40.0%)  Cons. O 0 0% (40.0%)	95.9% 60.0% 60.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0	53,8% 50,0% sheet was a sheet	46. 25 50. 05 (ght   Gan   100. 05 100. 5,050.00  = 1106.0 = 1.00  Total (PP) 576.00 320.00 5,050.00  Total (PP) 576.00 410.00 220.00 18.50 220.00 18.50	12.80   16.67   9.00   14.61   14.65   147.27   14.65   147.27   15.65   147.27   15.65   15	0.00 28.89 9.93 38.82 3.12 38.94	1, 065, 46 14, 88 1, 080, 34 85, 35, 38 85, 35, 36 1, 083, 79  Annopopent (PP Equipment	597.26 12.41   609.68   12.41   609.68   48.2%   611.62    Unit:	12. 80. 613, 74 12. 41 15.6, 29 15. 83. 658, 28 10. 00 1 213, 12 92. 65 118. 40 4. 92. 14 5. 613, 10 61. 72 667, 07 10 10 9. 00 10 10 9. 0	12.80 24.82 1.111.00 24.82 1.265,96 1.00,05 1.270,00  Total (PP) 213.12 921.31 921.31 18.40 19.807.00 19.807.00 11.290,00	Remarks	
#0502 I ten No. 1.002 1.019 1.020 #0503 I ten No. 1.002 1	Miscellaneous  Total  Commonats (%)  Britany  Hiscellaneous covers the cost for gener  y = Q/(0.032**u (6x23))  y : Work capacity  Braction of Structurel Steel Bridge M  Description  Foreman  Skilled Labor  Unskilled Labor  Unskilled Labor  Unit Rate  Miscellaneous  Components (%)  Wiff (0.47**al* (n+4)) ≥ 9.0*/dey  y : Work capacity  al: Coefficient = 0.4-√ (0.75*W/n)  Rolting of Structural Steel Bridge Men  Description  Foreman  Skilled Labor  Unskilled Labor  Uni Rate  Components (%)	brits tator, f tator,	0. 22   0. 22   0. 03   0. 00	1. 5% 0. 0% 0. 0% 1. day 1. da	2.6% 40.0%   Com  Com  161 C	95.9% 60.0%	53,8% 50,0%	46. 2%, 50, 0%    Crat   100, 0%, 100,	5,050.00  - 1196.0  - 1.00  Total (PP)  576.00 320.00 5,050.00  Total (PP) 676.00 320.00 5,050.00  Total (PP) 676.00 320.00 18.50 29.20 42.20	12.80   16.67   9.00   146.81   11.6%   11.6	0.00 28.89 9.93 38.82 3.12 29.94  Material 0.60 0.00 0.00 280.98 4.98 61.84  - 1708 t - 81  Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	1, 065, 46 14, 88 1, 080, 34 85, 33 1, 083, 79	597.26 12.41   609.68   49.24   601.62   611.62   611.62   600.00   0.00   0.00   0.00   0.00   1.22   1.4   6.231.69   1.5	12. 80. 613. 74 12. 41 15.6. 29 15. 51. 55. 50 19. 20 50. 40. 51. 52 19. 20 50. 40. 51. 52 19. 20 50. 40. 51. 52 19. 20 50. 40. 51. 52 262. 80 505. 40. 376. 20 1376. 20 1376. 20 1376. 20 1376. 20 1376. 20 1376. 20 1376. 20 1376. 20 1376. 20 1376. 20 15. 50 19. 20 50. 40. 376. 20 1376. 20 1376. 20 1376. 20 1376. 20 1376. 20 15. 50 19. 20 15. 20 15. 20 15. 20 15. 20 15. 20 15. 20 15. 20 15. 20	12.80 1.111.00 24.82 1.265.96 1.00.05 1.270.00  Total (PP) 213.12 922.50 118.40 10.807.001 1.290.00  Total (PP) 34.56 143.50 19.201 185.00 186.00 1.688.00 1.254.00	Remarks 7.0%
#0502 I ten No. 1,002 1,019 1,020 R0503 I ten No. 1,020 1	Niscellaneous   Total	brits tator, f tator,	Quantity  Quantity	1. 5% 0. 0% 0. 0% 1. day 1. da	2.6% 40.0%   Com  Com  161 C	95. 94. 60. 0% 60. 0% 61. Assessed a : coef 6	53.8% 55.0% shled was fittlent t flate with	46. 25, 50, 05    cqua	5,050.00  - 1196.0  - 1.00  Total (PP)  576.00 320.00 5,050.00  Total (PP) 676.00 320.00 5,050.00  Total (PP) 676.00 320.00 18.50 29.20 42.20	12.80   16.67   9.00   146.81   11.6%   11.6	0.00 28.89 9.93 38.82 3.12 38.94	1.065.46 14.88 1.080,34 85.35 85.35 85.35 1.083,79  Component (PP Equipment	597.26 592.41 690.68 48.24 611.62  Unit: Sunt  Foreign 0.00 5.609.76 422.14 6.231.80 48.34 622.93  Unit: Sunt  Foreign 0.00 100.60 0.00 0.00 0.00 100.60 0.00 0.0	12. 60 613, 74 12. 41 656, 29 51, 98, 658, 38 10, 00 y 213, 12 921, 12 921, 12 921, 12 921, 12 921, 12 921, 12 922, 13 4. 997, 24 4. 997, 24 4. 997, 24 4. 997, 24 4. 997, 24 4. 997, 24 5. 63, 55 143, 50 19, 20 55, 50 262, 80 566, 40 376, 20 84	12.80 24.82 1.111.00 24.82 1.265,9 1.00,0s 1.270,00  Total (PP) 213.12 921.31 18.40 10.00 18.44.27 12.905,29 100.05 1,290,00  Total (PP) 34.56 143.50 19.20 185.00 186.00 1.254,00 1.688,00 1.254,00 1.688,00 1.254,00 1.438,27 1.00,07	Remarks 7.0%

			at										Di ta i	100.00		
T0504	Pinish Painting of Structural Steel B Description	Unit	1		Co	mponent	it Rate		Tatul			Amo amponent (PP)	unt Unit:	100,00	Total	Remarks
L002	Foreman	ind	1,00		Nat. 0.0%	Equip. 0.0%	For. 0.0%	Local 100.0%	(PP) 576, 00	576, 00	Material 0,00	Equipment 0.00	Foreign 0.00	576.00	(PP) 676, 00	
LQ10 LQ19 M06020	Painter Skilled Labor Silicon Alkyd Resin Paint for Steel	nd nd kg	9, 80 1, 90 12, 36	100.0%	0.0%	0.0% 0.0% 0.0%	0.0%	100, 0% 100, 0% 36, 6%	448.00 410.00 250.00	4, 300. 80 779, 00 0. 00	0.00 0.00 3.090.00	0, 00 0, 00 0, 00	0, 00 0, 00 2, 008, 50	4, 300, 80 779, 00 1, 081, 50	4, 300, 80 779, 00 3, 090, 00	Loss 3.0
N06020	Silicon Alkyd Resin Paint for Steel Miscellaneous	kg LS	li, 33	0.0%	100.0%	0.0% 70.0%	65,0%	35.0% 45.0%	250.00	0, 00	2, 832, 50 521, 02	0. 00 1, 215, 72	1.841.13 955.21	991. 38 781. 54	2, 832, 50 J. 736, 75	Lone 3. 05
	Total Components (%)									5, 655, 60 42, 5%	6, 443, 52 48, 4%	9. 1%	4, 804, 83 36, 1%	8, 510, 21 63, 9%	13, 315, 05	
L	Miscellaneous covers the cost for False Paint volume (middle cost)	rorks.	thinner, s	pray guna kg/m2	i, brusha	s and ot	her mino	r materia	is and tools	56, 49	64,35	12. 14	47.99	65,01	[33, 00]	
	Paint volume (finish coat)	=		kg/m2									*			
W0505	Temporary Bent for Steel Bridge Brect	Γ	Quantity			Un	it Rate		T)			Ámo	Unit:	1,00		D
Lem No.	Description Foreman	Unit	0. 20	Lab. 100.0%	Mat. 0.0%	Equip.	For.	Local 100, 0x	Total (PP) 576. 00	Labut 115. 20	Material 0.00	empenent (PP) Equipment 0.00	Foreign 0.00	Local 115, 20	Total (PP) 115, 20	Remarks
£019 £020	Skilled Labor Unskilled Labor	nd ad	1, 10 0, 20	100.0%	0.0% 0.0%	0.0%	0.0%	100,0%	410.00 320,00	451.00 64.00	0, 00 0, 00	0, 00 f 0, 00 j	0, 00 0, 00	451.00 64.00	451, Q0 64, 00	
M05041 R0402-026 W0202	Temporary Steel Shapes Debreciation Truck Crane, Hydraulic 21-25t Concrete (Class B. 17MPs, max ass. 50mm)	hr m3	444,00 0,13 0,53	0.0% 5.6% 2.9%	100,0% 8,6% 77,5%	0, 0% 87, 6% (9, 6%		50, 0% 48, 0% 43, 8%	31, 30 1, 330, 00 1, 360, 00	0, 00 9, 68 21, 14	13, 897, 20 11, 76 558, 30	0.00  51,46  41,36	6, 948, 60 89, 84 405, 13	6, 948, 60 83, 06 315, 67	13, 897, 20 172, 90 720, 80	Loss 2.61
- W0231	Concrete Pouring by Pump Vehicle (p)ain concrete)		0. 52	19.1%	0.2%	80.7%	43. 3%	55.7%	214.00	21.22	0. 22	89, B4	48. 15	63. 13	111. 28	2025 2.0
W0236	Concrete Curing (blain concrete) Miscellangous	#3 LS	0, 52 1, 00	70, 9% 10. 0%	8.7% 30.0%	20. 4% 60. 0%	18.0% 50,0%	84.0% 50.0%	9. 02	3, 33 46, 61	0. 41 [39. 83	0. 95 279. 67	0, 75 233, 06	3. 94 233. 06	4. 69 466.   1	3. 0%
	Total Components (X)	<u> </u>								732, 18 4, 6% 732, 03	14, 607, 72 91, 3X 14, 604, 82	663, 28 4, 1% 663, 15	7, 725, 53 48, 3% 7, 723, 99	8, 277, 65 51, 7% 8, 276, 01	16, 003, 16 100, 0% 16, 000, 00	
L	Unit Rete Miscellaneous covers the cost for prepar B = 0.22-T + 1.4	rețion				nce, etc Deprecia		iod =	414 :		14,004,021	093, 131	(1123, 931	8, 210, 911	10,000.00[	
	D : Required days T : Total weight of bent	:	123. 87 558, 70	days t		Base Cor			288, 00 1	m3						
T0500	Site Welding for Steel Bridge		<del>,</del>	·		112	it Rato					Amo	Unit:	10.00 m		
Item No.	Description	Un∮t	Quantity	Lab.	Mat,	Equip.	(x) For	Local	Total (PP)	Labor	Matorial	empenent (PP) Equipment	Foreign	Local	Fotal (PP)	Romarks
L002 L009 L019	Foreman Welder Skilled Labor	ed ed	1.50 3.00 11.98	100.0% 100.0%	0,0% 0,0% 0,0%	0, 0% 0, 0% 0, 0%	0,0%	160.0%	576, 00 509, 00 410, 00	864.00 1.527.00 4.911.80	0. 00 0. 00 0. 00	0. 00 0. 00 0. 00	0, 00 0, 00 0, 00	664, 00 1, 627, 00 4, 911, 80	864, 00 1, 527, 00 4, 911, 80	
80901-050 R1001-150	Skilled Labor  Welding Maching 800A  Generator   (61~180 kW	day	2, 10	0.0%		39.6% 47.6%	60.6% 59.9%	30, 4% 40, 1%	1, 470, 00 3, 6(0, 00)	0.00	1, 864, 65 5, 653, 26	1, 222, 45 5, 176, 74	1, 871, 86 6, 492, 62	1, 215, 15 4, 337, 48	3,087.00	
R1002-160	Air Compressor 128-160 cfm (3.6-4.5m3/min)	day	3, 00	0.0%	27.8%	72.2%	57, 2%	42.8%	2, 090, 00	0. 00	t, 743. 06	4, 526, 94	3, 588. 45	2, 681, 55	6, 270, 00	
	Miscellaneous Total	LS	1,00	3.0%	40,0%	57,0%	50.0%	50.0%		7, 418, 26 23, 7%	1, 539, 43	2, 193, 69 13, 119, 82	1, 924, 29	1, 924, 29 17, 161, 26	3,848,57 31,338,37 100,0%	14, 0%
	Components (%) Unit Rate Wiscellaneous covers the cost for welding	rods	acetylene	ras, fa	lseworks	. testin	g, etc.			740, 92	34.5% 1,078.71	41.9% L.3(0.38)	1, 386, 01	55, 7% 1, 743, 99	3, 130, 00	
	G = H x a / (0.10·H + 12.2) G : Daily productivity	•	6. 68	m/day												
	H: Total length of welding a: Coefficient due to average thickness	Ĩ	446. 5 0. 65	n												
¥0521	Precest PC Girder Pabrication Base Con	struct	ion & Remo	va!		Un	i Rote	<del></del>		<del></del>		Ang	Unit:	5, 00 g	lrder	· · · · · · · · · · · · · · · · · · ·
11em No.	Description	Unit	Quantity	Lub.	Mat.	Equip.	For.	Local	Total (PP)	Labor	Material	emponent (PP) Equipment	Foreign	Local	Total (PP)	Remarks
1.002 1.019 1.019	Foreman Skilled Lebor Skilled Lebor	nd nd nd	4. 44 0. 00 16, 28	100, 0% 100, 0% 100, 0%	0.0% 0.0% 0.0%	0. 0% 0. 0% 0. 0%	0.0% 0.0% 0.0%	100.0% 100.0%	576, 00 410, 00 410, 00	2, 557, 44 0, 00 6, 674, 80	0.00 0.00 0.00	0. 00 0, 00 0. 00	0, 00 0, 00 0, 00	2, 557. 44 0. 00 6, 674. 80	2, 557, 44 0, 00 6, 674, 80	
1,020	Unskilled Labor Miscellaneous	ind LS	26, 64 1, 00	100.0% 0,0%	0.0% 50.0%	9.0% 50.0%	0. 0% 55. 0%	100.0% 45.0%	320, 00	8, 524, 80 0, 00	0,00 2,752,34 2,752,34	0, 00 2, 752, 34	0.00 3,027.58	8, 524, 80 2, 477, 11	8, 524, 80 5, 504, 68	31.0%
	Total Components (%)	-154-9	<u> </u>							76.3% 3,549.62	2,752.34 11,8% 550,19	2, 752, 34 11, 8% 550, 19	3, 027, 58   13, 0%	20, 234, 15 67, 0%	23, 261, 72 100, 0%	
<u> </u>	Unit Rate Miscellaneous covers the cost for lumber Total number of girders	lgirder plyv	ood, nail,	etc.	Maximum	Girder L	.ength =	36. 000 ;	<del></del> .		r of bases =	2	605. 21	4,044.79	4,650,00	
<b>T</b> Q522	Precest PC Girder Pabrication Base Mai		ce										Unit:	1.00 g	irder	<del> </del>
Item No.	Description	Unit	Quantity	Lab,		nonent ( Equip.	t Rate %) For.	Local	Total (PP)	Labor	. Material	Amou amponent (PP) Engipment	Foreign	Local	Total (PP)	Remarks
L005 L020	Cerpenter Unskilled Labor	md md	0. 74 0. 37	100.0% 100.0%	0. 0% 0. 0%	0.0% 0.0%	0. 0% 0. 0%	100.0% 100.0%	451.00 320.00	333, 74 118, 40	0,00	9. 00 9. 00	0, 00	333, 74 118, 40	333, 74 116, 40	•
	Miscellaneous Total	LS.	1,00							0,00 452.14	0, 00 0, 00 0, 0%	0.00 0.00	0, 00 0, 00 0, 0%	0,00 452,14	0, 00 452, 14	0,0%
	Components (%) Unit Rate Base Length	g(rdor	37, 000							100, 0% 452, 00	0,00	0, 0% 0, 00	0.00	100, 0% 452, 00	100, 0% 452, 00	
₹0535	PC Strand (6-T(2, 7, 150t) Installation		recest FC	Girder				<u>.</u>					Uniti	(00, 00 m		
Item No.	Description	Unit	Quentity	Lab.	Kat,	Uni popent ( Equip.	t Rate %) For.	Local	Total (PP)	Labor	Co Naterial	Amou emponent (PP) Equipment	Foreign	Local	Total (PP)	Remarks
L002	Foreman Skilled Labor	#d	1.60 6.90	100.0%	0.0%	0,0%	0. 0% 0. 0%	100.0% 100.0%	576.00 410.00	921.60 2,829.00	0, 00 0, 00	0. 00 0. 00	0.00	921. 60 2, 829. 00	921, 60 2, 829, 00	-
1.020 109306	Unskilled Lebor PC Strand, T12.7	#d kg	5.80 656.35	100.0% 0.0%	0.0% 100.0%	0,0%	9. 0% 70. 0%	100.0% 30,0%	320, 00 113, 00	1, 866, 00 0, 00	0, 00 74, 167, 55	0, 00 0, 00	0.00 51,917,29	1, 856. 00 22, 250. 27	1, 856, 00 74, 167, 65	Lass 6.0%
1/0933   W0225	PC Sheath, 660 Grout (non-shrink) Miscellaneous	m3 LS	105.00 0.23 1.00	0.0% 1.0% 0.0%	100. 0% 96, 4% 80, 0%	0.0% 2.6% 20.0%	65. 0% 61, 3% 55. 0%	35, 0% 39, 7% 45, 0%	115.00 3,050.00	0. 00 6. 81 0. 00	12, 075, 00 676, 58 740, 41	0, 00 18, 11 185, 10	7, 848, 76 429, 76 509, 03	4, 228, 25 271, 75 416, 48	12, 075, 00 701, 60 925, 61	Lass 5.0%
	Total Components (%)			0.0%			337 4.3			5, 613, 41 6, 0%	87, 659, 53 93, 8%	203, 21 0, 2%	60, 704, 82 64, 9%	32, 771, 34 35, 1%	93, 476, 16	
	Unit Rate Miscellaneous covers the cost for tapes,	bindi	ng wires, p	inor too	ls, etc.					56, 15	876.82	2.03	607, 20	327, 80	935, 00	
¥0536	PC Strand (10-T12.7, 190t) Installatio	n for	Precast PC	Girder		Uni	t Rate		<del></del>		1	Amou	Unit:	100.00 m		
Item No.	Description	Unit		Lab,	Mat.	ponent ( Equip.	Y) For,	Local	Total (PP)	i,sbor		Amount (PP)		Local	Total (PP)	Remarks
L002	Foreman Skilled Labor	ad ad	1.70 7.60 8.30	100.0% 100.0%	0.0%	0.0%	0. 0% 0. 0%	100.0% 100.0%	578.00 410.00 320.80	979. 20 3, 076. 00	0.00 0.00 0.00	0.00	0. 00 0, 00 0. 00	979. 20 3, 076. 00 2, 016. 00	979. 20 3, 076. 00	
L020 M09306 M09332	Unskilled Lebor PC Strand, T12.7 PC Sheath. 665	nd kg m	6.30 820.44 105.00	00.0% 0,0% 0.0%	0.0% 100.0% 100.0%	0.0% 0.0% 0.0%	0.0% 70.0% 65.0%	30.0% 35.0%	320.00 113.00 123.00	2,016.00 0,00 0.00	92, 709, 72 12, 915, 00	0, 00 0, 00 0, 00	0, 00 64, 896, 80 8, 394, 75	2, 016, 00 27, 812, 92 4, 520, 25	2,016.00 92,709.72 12,916.00	Loss 8.0% Loss 5.0%
W0225	Grout (non-shrink) Miscollangous	µ3 LS	0. 27 1. 00	1.0% 0.0%	96. 4% 80. 0%	2, 6% 20, 0%	61, 3% 55, 0%	38.7% 45.0%	3, 050. 60	8. 00 9. 00	794. 24 900, 15	21, 26 225, 04	604, 49 818, 85	319.01 506, 33 39, 228, 71	823. 50 1, 125. 18 113. 643. 60	1.0%
	Total Components (%)	_						_		6, 078, 20 6, 3X 60, 97	107, 319, 11 94, 4% 1, 076, 56	245. 29 0. 2% 2. 47	74, 414, 90 65, 5% 746, 48	39, 228, 71 34, 5% 393, 52	113,643,60 100,0x 1,140,00	
	Unit Rate Miscellaneous covers the cost for tapes,				ls. etc.					04, 57 [	12 64 64 661					
¥0537	PC Strand (12-T12 7, 225t) Installatio			Girder		. Uni	t Rate		Total I			Amou imponent (PP)	Unit: pi	100.00 m		Power-I:-
item No.	Description Foremen	Unit	Quantity 1.80	Lab. 100.0%		Equip 0.0%	For, 0, 0x	Loca) 100.0%	Total (PP) 576, 00	Labor 1, 036, 80	Material 0.00	Equipment (PP)  0.00	Foreign 0.00	Local 1, 036, 80	Total (PP) 1,036.80	Remarks
L019 L020	Skilled Lebor Unskilled Lebor	ed no	8, 10 6, 80	100.0%	0. 0% 0. 0%	0.0% 0.0%	0.0% 0.0%	100,0%	410.00 320.00	3, 321, 00 2, 176, 00	0, 00 0, 00	0. 00 0. 00	0, 00 0, 00	3, 321, 00 2, 176, 00	3, 321, 00 2, 176, 00	
M09306 M09333	PC Strand, Ti2.7 PC Sheath. 670	kg gr	984, 53 105, 00	0.0%	100.0% 100.0%	0.0% 0.0%	70.0% 65.0%	30.0% 35.0%	113,00 134,00	0, 00 0, 00 9, 19	111, 251, 89 14, 070, 00	0. QU	77, 876, 32 9, 145, 80	33, 375, 57 4, 924, 60	111, 251, 89	Loss 6.0% Loss 6.0%
W0225	Grout (non-shrink) Miscellaneous Tatel	n3 LS	0.31 1,00	1. 0% 0. 0%	96, 4% 80, 0%	2. 6% 20. 0%	61.3X 55.0X	38. 7% 45. 0%	3, 050. 00	0, 00 6, 542, 99	911.91 1,062.41 127,296,21	24.41 265.60 290.01	579, 23 730, 41 88, 331, 46	366, 27 597, 61 45, 797, 74	945, 50 1, 328, 01 134, 129, 20	1.0%
	Components (%) Unit Rate Miscelleneous covers the cost for tapes,	E\								4. 9% 65, 37	94, 9% 1, 271, 74	0.2% 2.90	65. 9% 882, 46	34, 1% 457, 64	100.0% 1,340.00	

r0538	PC Strand (t-716.2, 30t) Installation	for P	racest PC	lack Sla									Unit:	100, 00		
I tea No.	Description	Unit	Quantity		•	Eponent	it Rate		Total			Component (Pi	าดแกะ	140,50	Total	Remarks
				Lab.	list.	Equip.	.For.	Local	(PP)	Labor	Haterial	Equipment	Foreign	.ocs1	(PP)	Value 1 Va
L002 L019	Foreman Skilled Labor	nd nd	0.90		0, 0% 0, 0%		0.0%	100.0%	576, 00 410, 00	518.40 861.00		0,00 0,00	0,00	518.40 861,00	618.40 861.00	ļ
L020 M09307	Unskilled Labor	nd	1.30	100, 0X	0,0%	0.0%	70.0%		320.00 [19.00	416, 00 0, 00	0.00	0,00 0,00		416,00 - 4,166,55	416.00 13.888.49	
109322	PC Strand, T15,2 PC Sheath, 628	ke m	106.00	0.0X	100,0%	0.0%	65.0%	35.0%	52. 20	0,00	5, 533, 20	0, 00	3, 596, 58	1.935.62	5, 533, 20	Loss 6.0
W0225	Grout (non-shrink) Miscellaneous	LS	0.06 1.00	0.00	96, 4% 80, 0%		61.3% 55.0%	38.7% 45.0%	3, 080. 00	1. 48 0. 00		3. 94 42. 74	93, 42 117, 53	59, 08 96, 16	152, 50 213, 70	1.0%
	[otal									1, 796, 68	19, 739, 73	46.68	13, 529, 48	8,053,81 37,3%	21,583.29	
	Components (%) Unit Rate	l m	<del> </del>	<del> </del>		ļ <u></u>				8, 3¥ 17, 98	91, 6% 197, 55	0.2% 0.47	62, 7% 135, 40	80, 60	100.0% 216.00	
	Miscellaneous covers the cost for tapes	, bindi	ng wires,	minor too	ls, etc.					·-						
70545	PC Strand (8-T12.7, 150t) Tensioning	for Pre	cast PC G	rder			In Britis					<del></del> ,	Unit:	10,00	cable	<del></del>
Item No.	Description	Unit	Quentity		- Co	Pponent Pponent	it Rate (Y)		Total	· · · · · · · · · · · · · · · · · · ·		Component (Pr	nount		Total	Romarks
L002	Foresan	nd"	1.50	l.ab.	Mat. 0.0%	Egyip	For.	Local 100.0%	(PP) 576, 00	Labor 864, 00	Material 0.00	Equipment 0.00	Foreign 0.00	Local 864, 001	(PP) 864, 00	<del></del>
L019	Skilled Labor	md	5, 20	100.0%	0.0%	0.0%	0.0%	100,0%	410,00	2, 132, 00	0,00	0.00	0.00	2, 132, 00	2, 132, 00	
1,020 1109345	Unskilled Labor  PC Anchorage, 130,150t 8713M (T)	set	10,00	100.0%		0.0%	0, 0% 75, 0%		320.00 5,790.00	1, 408. 00 0. 00		Q. GO Q. OO		1, 408, 00 14, 475, 00	1, 408, 00 57, 900, 00	
M09365	PC Anchorage 130, 1501 8T13E (F)	\$0L	10.00				75.0%	25.0%	7, 950, 00	0.00	79, 500, 00	0.00		19, 875, 00	79, 500, 00	
R1007-002	Power Unit (Jack), hydraulic, HP-2, pump can. 7-9	day	1, 50	1	0.0%	100.0%	54.3%		655, 00	0.00	0.00	984.00	534, 15	449.85	984.00	
	Miscellandous Total	LS	t. 00	0.0%	80.0%	20.0%	55.0%	45,0%		0.00 4,404,00	2, 284, 61 139, 684, 61	571. 15 1, 655, 15	1, 570, 67 105, 154, 82	1, 285, 09 40, 488, 94	2, 855, 76 145, 643, 76	2.0%
	Components (%)									3, 0%	95, 9%	1.1%	12, 23	27. 8%	100.0%	
	Unit Rate Miscellaneous covers the cost for end r	cable	ement, for	work, Ci	ttings.	binding	vire. pt	<u> </u>		441.48	14,002,63	155.90	10,541,20	4, 058, 80	14, 600, 00	
10546													Unit:	00,00	anhla	
	PC Strand (10-712.7, 190t) Tensioning	1	1	lider		Un	in Rene					, Ar	iount.	10.00		
Item No.	Description	Unit	Quantity	Lab.	Mat.	mponent Equip.	(%) For,	[.oca]	Total (PP)	Labor	. Waterial _	Component (PP Equipment	)   fgreign	Local	Total (PP)	Romarks
L002	Foremen	ad	1,60	100, 08	G. D%	0.0%	0.0%	100.0%	576, 00	921.60	0,00	0.00	0.00	921, 60 2, 296, 00	921.6D	
L019 L020	Skilled Labor Unskilled Labor	md nd	5, 60 4, 80	100.0%	0,0% 0.0%	0.0%	0.0% 0.0%		410,00 320,00	2, 296. 00 1, 536. 00	0,00	0, 00 0, 00	0.00	1,636.00	2, 296, 00 1, 636, 00	
M09346 M09366	PC Anchorage 195, 225t 12713M (T)	801	10, 00	0.0%	100.0% 100.0%	0.0%	75.0% 75.0%	25.0% 25.0%	8, 040, 00 10, 600, 00	0, 00 0, <b>0</b> 0	80, 400, 00	0.00 0.00	60, 300, 00 79, 500, 00	20, 100, 00 26, 500, 00	80, 400, 00 106, 000, 00	
R1007+002	PC Anchorage 195,225t 127t3E (F) Power Unit (Jack), hydraulic, HP-2,	day	1.60	1 1	0.0%	100,0%	10. U% 64. 3%	45. 7%	656.00	0,00	0.00	1,049,60	569, 77	479.83	1, 049, 60	
#   DOI - 004	Dumb cap. 7-9 Hiscellaneous	LS	1.00	0.0%	80,0%	20,0%	85.0%	45.0%	000.00	0, 00	3,075.25	768, 81	2, 114, 24	1,729.83	3, 844, 06	2, 0%
	Total									4, 753, 60	189, 475, 25	1, 818. 41	142, 484, 00	53, 553, 26	96, 047, 26	
	Components (%) Unit Rate	cable	<del> </del>	<del></del>		<del> </del>				2. 4% 475, 25	96.6% 18,942.96	Q. 9% 181. 80	72, 7%	27, 3X 5, 355, 04	100,0%	
	Miscelianeous cavers the cost for end r	einforc	oment, for	mork, fi	ttings,	binding	wije, et	C.								
0547	PC Strand (12-712.7, 225t) Tensioning	for Pr	scast PC (	irder									Uniti	10.00	cable	
Item No.	Description	Unit	Quantity	<del> </del>	Co	Uը mponent	it Rate		Total			Am Component (PP	ount )	<del></del> -	Total	Romarks
			i	Lab,	Mat.	Equip.	Fe <sub>1</sub>	Local	(PP)[	Labor	Material	Equipment	Foreign	Local	(PP)	
L002 L019	Foreman Skilled Labor	and end	1.70 5,60	100.0% 100.0%	0. D% 0. O%	0.0% 0.0%	0.0%		576.00 410.60	979, 20 2, 295, 00	0, 00 0, 00	0, 00 0. 00	Q. QQ Q. QQ	979, 20 2, 296, 00	979. 20 2, 296. 00	
L020	Unskilled Labor PC Anchorage 195,225t 12T(3M (T)	md set	5, 20 10, 00	100.0%	0.0% 100.0%	0.0%	6.0% 75,0%	100, 0% 25, 0%	320. 00 8, 040. 00	1, 664, 00 0, 00	0, 00 80, 400, 00	0. 00 0. 00	0, 00 60, 300, 00	1, 564, 00 20, 100, 00	1, 664, 00 80, 400, 00	
	PC Anchorage 196,2251 12TL3E (F)	aet	10.00		100,0%	0.0%	75.0%	26.0%	10, 600.00	0.00	106, 000. 00	0.00	79, 500. 00	26, 500, 00	106, 000, 00	
R1007-002	Power Unit (Jack), hydraulic, HP-2, pump cso. 7-9	day	1.70	0.0%	0.0%	100.0%	64.3%	46.7%	658, 00	0.00	6,00	1, 115. 20	605.38	609, 62	1, 115, 20	
	Miscellaneous	<u>LS</u>	1.00	0,0%	80, OX	20.0%	55,0%	45,0%		0.00	3, 079, 27	789. B2	2, 117, 00	1, 732. 09	3, 849, 09	2.0%
	Total Components (%)									4, 939. 20 2, 5%	189, 479, 27 96, 5%	1, 885, 02 1, 0%	142, 522, 37 72, 6%	53, 781, 11 27, 4%	196, 303, 49 100, 0%	
	Unit Rate Hiscolleneous covers the cost for end r	cable	oment for	work fi	ttinga	hinding	wire et			493. [6	18,918,63	188, 21	[4, 230, 20]	<b>5,</b> 369, 80	19, 600, 00	
<b>5</b> 05 (6					******	2411-1114								10.66		
10548	PC Strand (1-715. 2, 30t) Tensioning for	]		K 218D		Մո	it Rate					A.s.	Ount.	10 00		
[tem No.	Description	Unit	Quantity	Lab.		iponent Équip		Local	Total (PP)	Labor	Material	Component (PP Equipment	) Foreign	Local	Total (PP)	Remarks
L002	Foreman	ad	0, 40	100.0%	0.0%	0.0%	0.0%	100, O%	576.00	230, 40	0, 00	0, 00	0.00	230, 40	230, 40	
	Skilled Labor Unskilled Labor	nd nd	1.30 0.80		0.0% 0.0%	0.0%	0.0% 0.0%	100, 0%	410.00 320.00	533. 00 286. 00	0,00 0,00	0, 00 0, 00	0, 00 0, 00	533, 00 256, 00	533, 00 256, 00	
1109348	IPC Anchorage 3Ds 1715.2 (T)	set	10,00 10,00	0.0% 0.0%	100.0% 100.0%	0.0%	75. 0% 75. 0%	25.0% 25.0%	826.00 1,070.00	Đ, QO O, OO	8, 280, 00 10, 700, 00	0. 00 0. 00	6, 210, 60	2, 070, 00 2, 675, 00	8, 280. 00 10, 700. 00	
M09368 R1007-002	PC Anchorage 301 (Tis.2 (F) Power Unit (Jack), hydraulic, HP-2,	set day	0.40	0.0%	0.0%	100.0%	54. 3%	45. 7%	656, 00	0,00	0,00	262, 40	8, 025, 00 142, 44	119.96	262.40	
N1007-002	pump cap. 7-9 Miscellaneous	LS	1.00	0,0%	80, OX	20.0%	55.0%	45. CX	D24, 40	0, 00	324, 19	81.05	222, 88	182, 36	405. 24	2.0%
	Total							75.5		1,019,40	19, 304, 19	343. 45	14, 600, 32	6, 066, 71	20, 667, 04	
	Components (%) Unit Rate	cable								102, 10	93, 4%	1, 7% 34, 40	70, 6%	29, 4%	2, 070, 00	
	Discellaneous covers the cost for end re	einforc	ement, form	work. fi	tt ings	binding	uire, pto								"	
0549	Secondary Concrete for Precest PC Decl	c Slab											Unit:	10.00	13	
item No.	Description	Unit	Quantity		Cor	Uni aponent (	t flate		Total			Сопроцент (РР)	ount		Total	Remarks
L002			0. 20	Lab. (00, 0%	Nat. 0.0%	Equip.	Eqr. 0.0%	Local 100, 0%	(PP) 576, QO	Labor 115, 20	Haterial 0.00	Equipment 0.00	fareign 0.00	Local 115, 20	(PP) 115. 20	
L019	Foreman Skilled Labor	ed ba	0.80	100.0%	0.0%	0.0%	0,0%	100.0%	410.00	328.00	0.00	0,00	0.00	328,00	328.00	
L020	Unskilled Lebor Concrete (Class AA2, 28MPs, max	≠d	1,00		0. OX	0, 0%	0.0%	100,0%	320.00	320, 00	0.00	0,00	0.00	320.00	320, 00	_
*0200	ака. 20 mm)	m3 .	10, 20	2, 1%	84. 3%	13.6%	57, 9%	42. 1%	1, 820, 90	389. 70	15, 645, 98	2, 528, 32	10, 757. 69	7, 806, 31	18, 564, 00	Loss 2.0%
R0402-020	Truck Crano. Hydraulic 16-20: Miscellaneous	LS	1. 54 1. 00	7.0%	7. 7%	85. 3%	5L. 5%	48.5%	1, 070. 00	115, 35 0, 00	126.88 0.00	1, 405, 87 0, 00	647. 63 0. 00	799. 97 0, 00	1, 647, 80 0, 00	
	Total.							$\overline{}$		1, 268, 25 6, 0%	15, 772, 86 75, 24	3, 933, 89 [8, 6%	11, 605, 62	9, 369, 48	20, 975, 00	
	Components (%) Unit Rate	т3								126.98	1, 579, 17	393, 86	55.3% 1.161.94	44. 7% 938. 06	100.0% 2, 100.00	
055t	Precast PC Girder Erection (W < 12.5)	:)											Unit:	85, 00 1	·	
trem No.	Description	Unit	Quantity				t Rute		Total			Am Component (PP)	unt		Total	Romarka
		Onit		Jab.	lat.	Equip.	_For	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	nomerka
L002 L019	Foreman Skilled Labor	ad ad	1. 00 6, 00	100, 0% 100, 0%	0. 0% 0. 0%	0. 0% 0. 0%	0.0%	100.0%	576, 00 410, 00	576, 00 2, 460, 00	0,00	0, 00 0, 00	0. 00 0. 00	576. 00 2, 460. 00	578, 00 2, 480, 00	
L020	Unskilled Labor	p.d	4, 00	100,0%	0.0%	0.0%	0.0%	100.0%	320.00	1,280.00	0.00	0.00	0,00	1, 280, 00	1, 280, 00	
K0402-060	Truck Crane. Hydraulic 51-60t Miscellaneous	hr LS	6. 71 1, 00	3.0%	5. 1%	91.9%	53. 1%	46. 9%	2.510.00	429, 96 0, 00	730, 94 0, 00	13, 171. 20 0. 00	7. 616. 10 Q, 00	6, 716, 00 0, 00	14. 332. 10 0, 00	0.0%
	Total			=				=		4, 745, 96 25, 6%	730, 94 3, 96	13, 171, 20 70, 6%	7, 616, 10	0,00 11,032,00 59.2%	18, 648, 10	
	Components (%) Unit Rate									25, 53 55, 74	3, 9% 8, 58	10, 6% 154, 68	40, 8% 89, 44	59, 2% 129, 56	100.0% 219.00	
. –	Work Capacity	•	85	t/day								-				
g552	Precest PC Girder Erection (12.5 🗲 🛚	< 15.	Dt)				. D					· · · · · · · · · · · · · · · · · · ·	Unit:	95,00 t		
Item No.	Description	Unit	Quantity		Con	ponen. (	t Rate		Total			Component (PP)	מעינ.		Total	Remarks
			1.00	Lab. 100, 0%		Equip.	For, 0.0%	Local 100, 0%	(PP) 576.00	Labor 576, 00	Matorial 0.00	Equipment 0.00	Foreign 0.00	Locel 676, 00	(PP) 676. 00	
LD19	Foreman Skilled Labor	and and	6.60	100.0%	0.0%	0.0%	0.0%	100.0%	410.00	2, 460, 00	0.00	0.00	0.00	2, 460, 00	2, 460, 00	
	Unskilled Labor Truck Grane, Hydraulic 71-80:	nd hr	4. 00 5. 71	100, 0% 2, 4%	0. 0.6 4. 2.6	0. 0% 93. 4%	0.0% 53.6%	100.0% 46,5%	320.00 3,080.00	1, 280, 00 422, 08	0.00 738,65	0, 00 16, 426, 07	0.00 9,409.5t	1, 260, 00 8, 177, 29	1, 280, 00 17, 586, 80	
	Miscelleneous	LS	1,00	***	7. 6.0	V 27. 77	20.00	, 3/4	., 444. 00	0, 00 4, 738, 08	0.00	0, 00 16, 425, 07	0.00	0, 00 12, 493, 29	21, 902, 80	0,0%
	Total	. 1									738,65		9, 409, 51			

¥0553																
	Precast PC Girder Erection (16.0 ≤ F	<u> </u>	5t)	<del>,</del>		. Us	it Rate			<del>[::-</del>		Ame	Unit:	100,00	<u>t</u>	
ltem No.	Description	Unit	1	Lab,	lla I	Equip.	(N) For	Loca)	Total (PP)	Labor	Material	Ame Component (PP) Equipment	Foreign	Local	Total (PP)	Remarks
1.002 L019	Foremen Skilled Labor	ad nd	6,00	100.0%	0. 0% 0. 0%			100.0%	676.00 410.00		0. 00 0. 00	0, 00 0, 00	0, QQ 0, QQ	576.00 2,460.00	576.00 2, 460.00	
1020 R0402-086	Unskilled Labor  Truck Crane, Nedraulic 71-80:	hr	4.00 5.71	2.4%	0.0% 4.2%					422, 08	0.00 738.85	0.00 16.428.07	0.00 9,409.81	1, 280, 00 8, 177, 29	17, 586, 80	ł
	Miscellensous Total	12	1.00			_				0.00 4.738.08	0.00 738.65	0, 00 16, 426, 07	0,00 9,409.51	0.00 12.493.29	21, 902, 80	0,0%
	Components (%) Unit Rate Work Capacity	حيا	100	t/day						21, 6% 47, 37	3, 4% 7, 39	75, 0% 164, 24	43.0% 94.08	57.0% 124.92	100.0% 219.00	
₩0554	Precast PC Girder Erection (17.5 ≤ #			17489									. Date:	110,00		
Item No.	Description	Unit	Quantity	<b></b>	Cor	Un mponent	it Rate	-	Total			Amo Component (PP)	Unit:	110.00	Total	Romarks
L002	Foreman,	ind	1,00	Lpb, 100, 0%	Mat.	Equip.	For 0 0%	Local 100.0%	(PP) 576.00	Labor	_Material_ 0.00	Equipment 0,00	Foreign 0.00	Loca) 576, 00	(PP) 576, 00	NOMELES
L019 L020	Skilled Labor Unskilled Labor	nd ed	6, 00 4, 00	100.0%	0.0% 0.0%	0.0%	0,0%	100.0%	410,00 320,00	2, 460, 00	0. 00 0. 00	0. 00 0. 00	0. 00 0. 00	2, 460. 00 1, 280. 00	2, 460, 00 1, 280, 00	
R0402-080		hr LS	6,71 1.00	2.4%	4. 2%		53.5%		3,080.00		738. 65 0, 00	16, 426, 07 0, 00	9, 409, 51 0, 00	8, 177, 29 0, 00	17, 586, 80 0, 00	0.0%
	Total Components (%)									4, 738, 08 21, 6%	738, 65 3, 4%	18, 426, 07 75, 0%	9, 409, 51 43, 0%	12, 493, 29 57, 0%	21, 902, 80 100, 0%	
	Unit Rate Work Capacity	, ,	110	t/day						43, 05	6, 71	149, 24	85,49	113,51	199.00	
¥0555	Precent PC Girder Brection [20.0 ≤ #	< 35,											Unis:	190, 00		
Item No.	Description	Unit	Quantity		Сон	nponent			Total			Component (PP)	unt		Total	Remarks
[002	Foresan	ed	1.00		0,0%	Equip. 0.0%	For. 0.0%	Local 100.0%	(PP) 576.00	576, 00	Material 0,00	Equipment 0.00	Foreign 0.00	Local 576.00	(PP) 576, 00	
L019 L020	Skilled Labor Unskilled Labor	ad ad	8. 00 5. 00	100,0%	0.0% 0.0%	0.0%	0.0% 0.0%	100.0%	410.00 320,00	1,600,00	0.00 0.00	0, 00 0, 00	0.00 0.00	3, 280, 00 1, 600, 00	3, 280, 00- 1, 600, 00	
R0402-080	Miscellaneous	hr LS	11.42 1.00	2.4%	4. 2%	93, 4%	53.5%	46. 5%	3, 080, 00	0,00	1,477.29 0.00	32, 852, 14 0, 00	18, 819, 03 0, 00	16, 354, 57 0, 00	35, 173, 60 0, 00	
	Components (%)	<u> </u>								6, 300. 17 15. 5%	1,477,29 3,6% 7,78	32, 852, 14 10, 9%	18, 819, 03 46, 3%	21, 910, 57 53, 7%	40, 629, 60 100, 0%	
<del></del>	Unit Rate Work Capacity	, -	190	t/day		L				33, 18	7, 78	173, 04	99. 12	114.88	214,00	
W0556	Precast PC Girder Brection (35.0 ≤ V	< 60.	0 t)	<del>;</del>			la B.a.					<del></del>	Unit:	225,00	٠	
Item No.	Description	Unit	Quentley	Lab.		nponent Equip.	it Rate (%) For	Local	Total (PP)	Labor	Waterial (	Amo Component (PP)		- Lacel	Totel (PP)	Remarks
L002 L010	Forensh Skilled Labor	ed ed	1,00 8.00	100.0%	0.0%	0, 0% 0, 0%	0.0%	100.0%	576.00 410.00	576.00	0.00	Equipment 0, 00 0. 00	Foreign 0.00 0.00	1,008 576,00 3,280,00	576.00 3, 280.00	
£020 R0402-120	Unskilled Labor	nd hr	5.00 11.42	100.0%	0.0%	0, 0% 97, 0%	0, 0% 53, 9%	100.0%	320.00 6,960.00	1,600.00	0.00 1.510.18	0.00 77.098.70	0, 00 42, 863, 75	1, 600, 00 36, 629, 46	1, 600. 00 79, 483. 20	
NO-120	Miscellaneous Total	i.s	1,00	1.13	,, ,,	B1. 0A	00. 5%	40.14	0, \$00, 00	0, 00 6, 330, 32	0.00 	0.00 71,098.70	0, 00 42, 853, 75	0.00	0.00 84,939,20	0,0%
	Companents (%)	一								7, 5% 28, 17	1, 8% 5, 72	90,8%	50. 5% (90, 71	42, 085, 45 49, 5% 187, 29	100, 0% 378, 00	
	Unit Rate Work Capacity	-	225	t/day		•				. 28. [1]	<u>9. {41</u>		130, (1)	10(159)	310.001	
T055?	Precast PC Girder Erection (80.0 5 *	< 75.	0 1) I	·		Ún	it Rate		-	<del></del>	<del></del>	Апо	Unit:	235.00	<del></del>	
item No.	Description	Unit	Quantity	Lab	Con Mat.	Equip.	(%) For	Local	Tota) (PP)	Labor	Naterial (	emponent (PP) Equipment	Foreign	Local	Total (PP)	Romarks
L002 L019	Foreman Skilled Labor	and and	1, 00 8, 00	100, 0%	0, 0% 6, 0%	0, 0% 0, 0%	0,0%	100.0% 100.0%	576, 00 410, 00	576. 00 3, 280. 00	0. 00 0. 00	0. 00 0. 00	0. 00 0. 00	576. 00 3, 280. 00	576.00 3,280.00	
1020 R0402-140	Unskilled Labor	ed hr	5,00 II.42	0.9%	9. 0% 1. 9%	0. 0% 97. 2%	0.0% 54.0%	100.0% 46.0%	320, 00 8, 240, 00	1, 600, 00 846, 91	0.00 1,787,92	0.00 91,465.98	0, 00 50, 842, 72	1, 600, 00 43, 258, 08	1, 600. 00 94, 100, 80	
	Miscollaneous Total	is_	1,00		***					0,00	0.00	0.00				
						- 1							0. 00 50, 812, 72	48, 714, 08	0.00	0,0%
	Components (%) Unit Rate	-							· · · · · · · ·	6, 302. 91 6, 3% 26, 84	1,787.92 1.84 7.61	91, 465. 98 91, 94 389, 84	50, 812, 72 51, 1% 216, 53	0,00 48,714.08 48,9% 207,47		0,0%
	Unit Rate Work Capacity			t/day					<u> </u>	6, 302, 91 6, 3%	1,787.92	91, 465. 98 91. 94	50, 812, 72 51, 1% 216, 53	48, 714, 08 48, 9% 207, 47	0.00 99,556.80 100.0% 424,00	0,0%
₩0558	Unit Rate Work Capacity  Precent PC Girder Erection (75.0 ≤ #	< <u>.80.</u>	0 t)	t/day			it Rate			6, 302, 91 6, 3%	1,787,92 1,84 7,61	91, 455, 98 91, 9% 389, 54	50, 812, 72 51, 1% 216, 53 Unit:	48, 714, 68	0.00 99,556.80 100.0% 424,00	
ites No.	Unit Rate  Work Capacity  Procest PC Girder Erection (75.0 ≤ ♥  Description	< 80.	0 t) Quantity	Lab.	liat.	ponent Equip.	χ) For	Lacal	Total (PP)	6, 302, 91 6, 3% 26, 84 Labor	1, 787, 92 1, 8% 7, 61	91, 465, 98 91, 92 389, 54 Amo-	50, 812, 72 51, 1% 216, 53 Unit:	48, 714, 08 48, 9% 207, 47 250, 00	0.00 99,556.80 100.0% 424,00	0, 0%
Item No. L002 £019	Unit Rate  Work Capacity  Procest PC Girder Erection (75.0 S #  Description  Foresan Skilled Labor	< 80. Unit	0 t) Quantity 1.00 8.00	Lab. 100, 0% 100, 0%	0.0% 0.0%	Equip. C, 0% 0, 0%	For 0.0% 0.0%	100.0% 100.0%	(PP) 576, 00 410, 00	6, 302, 91 6, 3% 26, 84 26, 84 Labor 576, 00 3, 280, 00	1,787,92 1,8% 7,61 Matorial 0,00 0,00	91, 465, 98 91, 95 389, 54 Amoreonent (PP) Equipment 0, 00 0, 00	50, 842, 72 51, 1% 216, 53 Unit: Foreign 0, 00 0, 00	48, 714, 68 48, 9% 207, 47 250, 00 Local 576, 00 3, 280, 00	0.00 99, 556 80 100.0% 424, 00 t  Total (PP) 576.00 3, 280, 00	
item No.	Unit Rate  Work Capacity  Process PC Girder Erection (75.0 S #  Description  Foresan  Skilled Labor Unskilled Labor Unskilled Labor Truck Crane, Hydraulis 141-150:	< 80. Unit and and and are	Quantity 1.00 8.00 5.00	Lab. 100, 0% 100, 0%	Nat. 0. Ot	ponent Equip. 0,0%	For. 0.0%	100.0%	(PP) 576.00	6, 302. 91 6, 3% 26, 84 Labor 576. 00 3, 280. 00 1, 600. 00 818, 59	1,787.92 1,8% 7.61 C Natorial 0.00 0.00 0.00 1,944.14	91, 465, 98 91, 94 389, 54 Amo- Component (PP) Equipment 0, 00 0, 00 0, 00 99, 560, 47	50,842,72 51,13 216,53 Unit: 	48, 714, 68 48, 9% 207, 47 250, 00 Local 578, 00 3, 280, 00 1, 600, 00 47, 029, 06	0.00 99,556.80 100.0% 424,00  Total (PP) 576.00 3,280.00 1,500.00 102,323.20	Remarks
L002 L019 L020	Unit Rate  Work Capacity  Process PC Girder Erection (75.0 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	< 80. Unit ad ad ad	Quantity 1.00 8.00 5.00	Lab. 100, 0% 100, 0% 100, 0%	0.0% 0.0% 0.0% 0.0%	ponent Equip. 0,0% 0.0% 0.0%	For_ 0.0% 0.0% 0.0%	100.0% 100.0% 100.0%	(PP) 576, 00 410, 00 320, 00	6, 302, 91 6, 38, 26, 84, 26, 84, 576, 00 3, 280, 00 1, 600, 00 818, 59 0, 00 6, 274, 59	1, 787, 92 1, 84 7, 61 0, 00 0, 00 0, 00 0, 00 1, 944, 14	91, 465, 98 91, 97 389, 54 Component (PP) Equipment 0, 00 0, 00 99, 560, 47 0, 00 99, 560, 47	50,842,72 51,18 216,53 Unit: Foliage 0.00 0.00 0.00 0.00 55,294,14	48, 714, 68 48, 93, 207, 47 250, 00 Local 578, 00 3, 280, 00 1, 600, 00 47, 029, 06 0, 00 52, 485, 68	0.00 99,556.80 100.0% 424,00 100.0% 100.0	
L002 L019 L020	Unit Rate  Work Capacity  Procest PC Girder Erection (75.0 S #  Description  Foresan  Skilled Labor Unskilled Labor Truck Crans, Hydraulic 141-160t Miscellangous  Total  Components (%)  Unit Rate	< 80. Unit md and and hr 4.S	Quantity 1.00 8.00 5,00 11.42 1.00	Lab. 100, 0% 100, 0% 100, 0% 6, 8%	0.0% 0.0% 0.0% 0.0%	ponent Equip. 0,0% 0.0% 0.0%	For_ 0.0% 0.0% 0.0%	100.0% 100.0% 100.0%	(PP) 576, 00 410, 00 320, 00	6, 302. 91 6, 3% 26, 84 Labor 576. 00 3, 280. 00 1, 600. 00 818, 59	1,787,92 1,8% 7,61 0,00 0,00 0,00 0,00 1,944,14 0,00	91, 465, 98 91, 97 389, 54 Association (PP) Equipment 0, 00 0, 00 99, 560, 47 0, 01	50,842,72 51,18 216,53 Unit: Fareign 0.00 0.00 0.00 56,294.14	48, 714, 08 48, 9x 207, 47 250, 00 Local 576, 00 3, 280, 00 1, 600, 00 47, 029, 05 0, 00	0.00 99,556.80 109.0% 424.00 Total (PP) 576.90 3,280.00 1,500.00 102,323.20	Remarks
item No. L002 L019 L020 80402-160	Unit Rate  Work Capacity  Process PC Girder Erection (75.0 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	< 80. Unit md md hr t.S	Quantity 1.00 8.00 5.00 11.42 1.00	Lab. 100, 0X 100, 0X 100, 0X 6, 8X	0.0% 0.0% 0.0% 0.0%	ponent Equip. 0,0% 0.0% 0.0%	For_ 0.0% 0.0% 0.0%	100.0% 100.0% 100.0%	(PP) 576, 00 410, 00 320, 00	6, 302, 91 6, 38, 26, 84, 26, 84, 576, 00 3, 280, 00 1, 600, 00 818, 59 0, 00 6, 274, 59	1, 787, 92 1, 84 7, 61 0, 00 0, 00 0, 00 0, 00 1, 944, 14	91, 465, 98 91, 97 389, 54 Component (PP) Equipment 0, 00 0, 00 99, 560, 47 0, 00 99, 560, 47	50, 842, 72 (1.15) 51, 134 216, 53  Unit: 405 Foreign 0, 00 0, 00 0, 00 55, 294, 14 51, 334 221, 121	48, 714. 08 48, 9% 207, 47 250, 00 250, 00 1, 600. 00 47, 029, 06 0, 00 0, 00 52, 485, 06 48, 7% 209, 88	0.00) 99,556.80 190.0% 424.00]  Total (PP) 576.90 3,280.00 102,323.20 107,779.00 100.0% 431,00)	Remarks
item No. L002 L019 L020 g0402-160	Unit Rate  Work Capacity  Procest PC Girder Erection (75.0 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	< 80. Unit md md md hr t.S	Quantity 1.00 8.00 5.00 11.42 1.00 250	Lab. 100, 0X 100, 0X 100, 0X 6, 8X	0, 0% 0, 0% 0, 0% 0, 0% 1, 9%	ponent Equip. 0, 0% 0. 0% 0. 0% 97. 3%	(%) For. 0.0% 0.0% 54.0%	100.0% 100.0% 100.0%	(PP) 576.00 410.00 320.00 8,960.00	6, 302, 91 6, 38, 26, 84, 26, 84, 576, 00 3, 280, 00 1, 600, 00 818, 59 0, 00 6, 274, 59	1, 787, 92 1, 84 7, 61 0, 00 0, 00 0, 00 0, 00 1, 944, 14 0, 00 1, 944, 14 1, 9%	91, 455, 98 1, 9% 389, 54 Associated (P) Equipment (P) Equipment 0, 00 0, 00 0, 00 99, 550, 47 92, 4% 399, 13	50, 842, 72 51, 1% 216, 531 Unit: Unit: 100 100 100 100 100 100 100 10	48, 714, 68 48, 93, 207, 47 250, 00 Local 578, 00 3, 280, 00 1, 600, 00 47, 029, 06 0, 00 52, 485, 68	0.00) 99,556.80 199,0% 424,00]  Total (PP) 676.00 3,280.00 1,560.00 1,560.00 102,323.20 0,00 107,779,20 100.0% 431,00]	Remarks 0, 0%
Item No. L002 L019 L020 R0402-160  T0801 Item No.	Unit Rate  Work Capacity  Procest PC Girder Erection (75.0 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	< 80. Unit md md md hr i.S	Quantity 1.00 8.00 5.00 11.42 1.00 250 tion & Lay	Lab. 100. 0% 100. 0% 100. 0% 0. 8% 1/day	Nat. 0.0% 0.0% 0.0% 1.9%	ponent Equip. 0.0% 0.0% 0.0% 97.3%	(%) For. 0.0% 0.0% 54.0% 54.0%	100.0% 100.0% 100.0% 46.0%	(PP) 576.00 410.00 320.00 8,960.00	6, 302, 91 26, 84 26, 84 Labor 576, 00 1, 600, 00 1, 600, 00 818, 59 0, 20, 00 5, 84, 25, 99	1, 787, 92 1, 84 1, 84 1, 94 1, 9	91, 455.98 389, 54 Asso- corporant (PP) Equipment (PP) Equipment (PP) Equipment (PP) 50, 00 0, 00 0, 00 99, 555, 47 92, 4% 329, 13 Asso- corporant (PP) 52, 4% 329, 13 Asso- corporant (PP) Equipment (PP) Equipment (PP) Equipment (PP) Equipment (PP) Equipment (PP)	50,872.72 \$1.174 \$1.174 \$1.653  Unit:  1015  Foreign 0.00 0.00 0.00 55.294.14 51.334 221.12 Unit: Int	48, 714, 08 48, 98 207, 47  250, 00  Lecal 576, 00 3, 280, 00 1, 600, 00 47, 029, 06 48, 78 209, 88 10, 00	0.00) 99,556.80 190,0% 424,00]  Total (PP) 576.00 3,280.00 150.232.00 107,779.20 100.0% 431.00]	O, O%
item No. L002 L019 L020 R0402-160	Unit Rate  Work Capacity  Procest PC Girder Erection (75.0 \$ \$ \$ Description  Foresan  Skilled Labor  Unskilled Labor  Truck Crane. Hydraulic 141-160:  Miscellangus  Total  Commonsts (%)  Unit Rate  Work Capacity  Pier Protection Concrete Block Type A  Description  Concrete (Class A, ZillPa, max sec. 35mm)  Concrete Pouring by Pump Vehicle	< 80. Unit md md md hr t.S	Quantity 1.00 8.00 5.00 11.42 1.00 250	Lab. 100.0% 100.0% 100.0% 0.8%	Uat. 0.0% 0.0% 0.0% 1.9%	Ponent Equip. C, 0% O. 0% O. 0% 97. 3%	(%) For 0. 0% 0. 0% 54. 0%	100, 0% 100, 0% 100, 0% 46, 0%	(PP) 576.00 410.00 320.00 8.960.00	Labor 576. 00 1, 600, 500, 500 1, 600, 500, 500 1, 600, 500, 500, 500, 500, 500, 500, 500	1, 787.92 1, 84 1, 61 2, 61 2, 61 2, 61 2, 61 2, 61 3, 61 4, 62 4, 62	91, 455, 98 91, 95, 95 369, 54 Associated the second of	50,842,72 \$1.1% 216,53 Unit: 105 Foreign 0.00 0	48, 714. 08 48, 93, 207. 47 250, 00 Local 576. 00 1, 600. 00 47, 029, 06 0, 00 52, 465. 00 52, 465. 00 48, 78, 209, 88	0.00) 99,556.80 100,0% 424,00   Total (PP) 576.00 3,280.00 10,323.20 00.107,779.20 100.0% 431,000	Romarks 0, 0%
Item No. L020 L019 L020 g0402-160  T0801 Item No. W0203 W0232 W0237	Unit Rate  Work Capacity  Procest PC Girder Erection (75.0 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	< \$0.  Unit  md  md  hr  t.S  Produce  Unit  m3  m3  m3	Quantity 1.00 8.00 5.00 11.42 1.00  tion & Lay Quantity 10.73 10.52 10.52	Lab. 100, 0% 100, 0% 100, 0% 100, 0% 0, 8% 1/day 1/day 1/day 1/day 1/day 1/day 1/day 1/day	0, 0% 0, 0% 0, 0% 0, 0% 1, 9% 0, 0% 1, 9%	penent Equip. 0.0% 0.0% 0.0% 97.3% Unipenent Caup. 16.1% 84.0%	(x) For. 0.0% 0.0% 0.0% 54.0% 54.0%	190, 0% 190, 0% 100, 0% 46, 0% 46, 0% Local 43, 2% 65, 0%	(PP) 576.00 410.00 320.00 8.960.00 Total (PP) 1.590.00 4.29	6, 302, 91 26, 34 26, 34 26, 34 26, 34 26, 34 26, 34 26, 34 270, 30 3, 280, 30 1, 600, 30 818, 89 9, 6, 274, 59 5, 5, 59 418, 85 428, 02 33, 66	Naterial 0 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	91, 455.98  91, 95  389, 54  Associated by the second of t	50,812.72 \$1,174 \$1,175	48, 714, 98 48, 93, 207, 47 250, 00 Local 575, 00 3, 280, 00 1, 600, 00 47, 029, 95 48, 78, 209, 88 10, 00 Local 7, 368, 88 1, 491, 86, 38, 83	0.00) 99,556.80 100,0% 424,00   Total (PP) 576.00 3,280.00 102,323.20 00,107,779.20 100,0% 431,000  rach Total (PP) 17,060.70 2,714.16 45.13	O, 0%
Tomas No. 1002 1002 10019 10020000 10020 10020 10020 10020 10020 10020 10020 10020 10020 10020 1	Unit Rate  Work Capacity  Procest PC Girder Erection (75.0 \$ \$ \$ Description  Foresan Skilled Labor Unakilled Labor Unit Rate  Gosconents (%)  Voit Rate  Work Capacity  Pier Protection Concrete Block Type A  Concrete (Class A, 211Pa. max sea. 38mm) Concrete Pouring by Pump Vehicle (rysinforced concrete) Concrete Curing (reinforced ronerete) Reinforcement Grade 40, cutting, bending & assembly	< 80. Unit md md hr i.S  Produc Unit m3 a3	Quantity 1.00 8.00 5.00 11.42 1.00  tion & Lay Quantity 10.73 10.52	Lab. 100. 0% 100. 0% 100. 0% 100. 0% 0. 8% 1/day 1/day 1/day 1/day 1/day 1/day 1/day 1/day 1/day 1/day 1/day 1/day 1/day 1/day 1/day 1/day 1/day	Uat. 0, 0% 0, 0% 1, 9% 1, 9% 2, 0% 81, 5% 6, 2% 7, 6%	Un.  Denient  Equip.  0.0% 0.0% 97.3%  Un.  Denient  Equip. 16.1% 84.0% 17.8% 7.8%	(%) For. 0.0% 0.0% 0.0% 54.0% 54.0%	190, 0% 100, 0% 100, 0% 46, 0% 46, 0% 46, 0%	(PP) 576.00 410.00 320.00 8.960.00 Total (PP) 1.590.00	6, 302, 91 26, 841 26, 841 Labor 576, 00 3, 280, 00 1, 600, 00 818, 59 0, 00 6, 274, 59 25, 99 Labor 418, 88 428, 02	1, 787, 92 1, 84 1, 84 1, 84 1, 94 1, 9	91, 455.99 389, 54 Associated from the first of the fir	50,812.72 \$1.13. \$1.15. \$1.16.	48, 714. 08 48, 93, 207, 47  280, 00  Local 576, 00 3, 280, 00 1, 600, 00 47, 029, 06 48, 73, 209, 68 10, 00 48, 74, 209, 68 1, 491, 868 1, 491, 86	0.00) 99.556.80 100.0% 424.00  Total (FF) (F576.00 3,280.00 100.232.20 0.00 107.779.20 100.0% 431.00  Fach  Total (FF) 17.060.70 2,714.16 45.13 6.144.84	O, 0%
Total No.  L002 L019 L020 R0402-160  R0801  Item No.  W0203 W0232 W0237 W0236 R0402-015	Unit Rate  Work Capacity  Procest PC Girder Erection (75.0 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	< 80. Unit md md hr t.S  Produce Unit m3 a3 a3 a4	Quantity 1.00 8.00 5.00 11.42 1.00 250 tion & Lay Quantity 10.73 10.52 10.62 262.60 1.60	Lab. 100. 0% 100. 0% 100. 0% 6. 8% 1/day ing Lab. 2. 5% 15. 4% 8. 5% 100. 0%	Com Mat. 7.6 8% 81.5% 6.2% 7.6 8% 8.3% 0.0%	Penent Equip. 0. 0% 0. 0	(x) For 0. 0% 0. 0% 54. 0% 54. 0% 56. 8% 45. 0% 14. 0% 50. 6% 50. 6%	100. 0% 100. 0% 100. 0% 46. 0% 46. 0% 43. 2% 65. 0% 86. 0% 46. 1% 49. 5% 100. 0%	(PP) \$78.00 410.00 320.00 8.980.00 Total (PP) 1.590.00 4.29 23.40 881.00 576.00	6, 302, 91 26, 84 26, 84 Labor 576, 00 1, 600, 00 6, 274, 50 6, 274, 50 5, 8%, 25, 99 Labor 418, 88 428, 02 33, 66 947, 14 119, 62 808, 40	Natoylal 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	91, 455, 98 91, 95, 97 91, 95, 97 98, 954  Asociomponent (PP) Equipment 0, 00 99, 560, 47 99, 560, 47 99, 560, 47 92, 4% 398, 3  Asociomponent (PP) Equipment 2, 739, 23 2, 280, 82 8, 02 479, 06 1, 172, 79 0, 00 0, 00	50,8/2,7/2 \$1,17S1,17\text{	48, 714, 08 48, 93, 207, 47  250, 00  Local 576, 00 3, 280, 00 1, 600, 00 67, 029, 60 68, 48, 78, 209, 88 1, 491, 86 38, 83 2, 835, 81 697, 21 805, 40	0.00) 99.556.80 100.0% 424.00  Total (PP) 576.00 3,280.00 102.323.20 00.107.779.20 100.0% 433,000  pach Total (PP) 17.060.70 2,714.16 45.13 6.144.84 1,409.60 806.40	O, 0%
Item No.   L002   L019   L020   R0402-160   R0601   Item No.   W0203   W0232   W0237   W0251   R0402-015   R0402	Unit Rate  Work Capacity  Procest PC Girder Erection (75.0 S F  Description  Foresan Skilled Labor Truck Crane. Hydraulic 141-160: Miscellangua. Total  Components. (3) Unit Rate  Work Capacity  Pier Protection Concrete Block Type A  Cancrete (Class A, 211Pa, max sea. 38mm) Cancrete Pouring by Pump Vehicle (reinforced concrete) Concrete Curine (reinforced concrete) Reinforced concrete) Reinforcement Grade 40, cutting, bending & assembly Truck Crane. Hydraulic II-16t Foresan Unaklied Labor Miscellanguag	< 80.  Unit md and md hr is  Fraduct Unit m3 a3 kg hr	Quantity 1.00 8.00 5.00 11.42 1.00  250  tion & Lay Quantity 10.73 10.52 10.52 262.60	Lab. 100, 0% 100, 0% 100, 0% 100, 0% 0, 8% 1/day 1ng Lab. 2, 5% 15, 4% 15, 4% 8, 5%	Com Mat. 2% Com Mat. 5% 6.2% 7.6% 8.3%	Unponent Equip.  Unponent Case 17. 8% 84. 0% 17. 8% 83. 2%	(x) For. 0. 0% 0. 0% 0. 0% 54. 0% 54. 0% For. 58. 8% 45. 0% 14. 0% 53. 9% 50. 5%	190, 0% 100, 0% 100, 0% 46, 0% 46, 0% 46, 0% 45, 0% 46, 1% 49, 5%	(PP) \$76.00 \$10.00 \$20.00 \$,960.00 Total (PP) 1,590.00 253.00 4,29 23.40 881.00	Labor 576. 00 1, 280. 00 1, 600. 00 818. 59 9, 50 6, 274. 55 00 1, 280. 25, 00 1, 600. 00 4, 280. 00 1, 600. 0	Natey la1  Natey la1  0 00 0 00 0 00 0 00 1 944.14 0 00 1 984.14 1 88 7.77  13, 902.59 5 32 3.44 4.718.63 117.00 0.00 0.00	91, 455.99 389, 54  Anno component (PP) Equipment 0.00 99, 550, 47 92, 43 329, 13 2, 739, 23 2, 280, 82 479, 06 1, 172, 79 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 28, 45	50,8/2,7/2 \$1,17S1,17\text{	48, 714, 08 48, 93, 207, 47  250, 00  Local 578, 00 3, 280, 00 1, 600, 00 47, 029, 06 62, 495, 06 48, 73, 209, 88 1, 491, 86 38, 83 2, 835, 81 697, 21 805, 40 1, 664, 00 268, 60	0.00) 99,556.80 100,0% 424,00  Total (PP) 576.00 3,280.00 102,323.20 0,107,779.20 100,0% 433,000  Pach Total (PP) 17,060.70 2,714.16 45.13 6.144.84 1,409.80 806.40 1,664.00 1,664.00	Remarks 0,0%
Item No.   L002   L019   L020   R0402-160   L020   R0402-160   L020   R0402-160   R0402-015   L002   R0402-015	Unit Rate  Work Capacity  Procest PC Girder Erection (75.0 S F  Description  Foreman Skilled Labor Truck Crane, Hydraulic 141-180: Miscellamegus Total Components (%)  Pier Protection Concrete Block Type A  Concrete (Class A, 2MPa, max sea. 38mn) Concrete Pouring by Pump Vehicles (vehinforced concrete) Concrete Curing (reinforced concrete) Reinforced concrete) Reinforcement Grade 40, cutting, bending & assembly Truck Crane, Hydraulic II-16t Foreman Unskilled Labor Miscellamegus  Components (%)	< 80. Unit md md md hr LS  Produc Unit m3 m3 m4 m3 m4 m3 m4 m4 m4 m4 m4 m4 m4 m4 m4 m4 m4 m4 m4	Quantity 1.00 8.00 8.00 11.42 1.00 250 tion & Lay Quantity 10.73 10.52 262.60 1.60 1.40 5.20	Lab. 100. 0X 100. 0X 100. 0X 100. 0X 100. 0X 100. 0X 100. 0X 15. 4X 8. 5X 100. 0X	Uat. 0.0% 0.0% 0.0% 1.9% 1.9% 81.5% 6.2% 7.6% 8.3% 0.0%	Un Equin 0, 0% 0, 0% 0, 0% 97, 3% Un Inponent Equin 16, 1% 84, 0% 17, 8% 83, 2% 9, 0% 9, 0% 18,	(x) For. 0. 0% 0. 0% 54. 0% 54. 0% 55. 8% 45. 0% 14. 0% 56. 8% 65. 8% 65. 8% 0. 0% 0. 0%	100, 0% 100, 0% 100, 0% 46, 0% 46, 0% 46, 0% 46, 1% 49, 5% 100, 0% 100, 0%	(PP) \$78.00 410.00 320.00 8.980.00 Total (PP) 1.590.00 4.29 23.40 881.00 576.00	6, 302, 91 26, 34 26, 34 26, 34 26, 34 26, 34 26, 34 26, 30 1, 600, 00 1, 600, 00	Natey la1  Natey la1  0 00 0 00 0 00 0 00 1 944.14 0 00 1 944.14 1 88 7.77  C Material 13, 902.59 5, 32 3, 44 4, 718.63 117.00 0 0.00 0	91, 455.99 389, 54  Anno component (PP) Equipment 0.00 99, 550, 47 92, 43 329, 13 2, 739, 23 2, 280, 82 479, 06 1, 172, 79 0, 00 0,	50,812,72 \$1,174 \$1,175 216,53  Unit: 1016  0,00 0,00 0,00 0,00 0,00 0,55,294,14 51,53 221,12  Unit: Int  Foreign 9,691,82 1,222,03 0,309,03 712,39 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0	48, 714, 08 48, 93, 207, 47  250, 00  Local 576, 00 3, 280, 00 1, 690, 00 16, 00, 00 17, 029, 06 48, 73, 209, 88 1, 491, 86 38, 83 1, 491, 86 38, 83 2, 835, 81 697, 21 805, 40 1, 664, 00 268, 60 15, 171, 664	0.00) 99,556.80 100,0% 424,00  Total (PP) 676.00 3,280.00 102,323.20 00 107,779.20 100.0% 431,000  pach Total (PP) 17,060.70 2,714.16 45.13 6,144.84 1,409,60 806,40 1,664.00 596,90 30,441,73	O, O%  Remarks  Loss 2.0%
Total No. 1.002   1.002   1.019   1.020   80402-160   80402-160   80203   90203   90203   90205   1.002   1.002   1.002	Description  Foresan Skilled Labor Unskilled Labor Fruck Grans, Hydraulic 141-160t Miscellangous Total Components (%) Unit Hate Protection Concrete Block Type A Description Concrete (Claus A, 21MPs, nex sec. 38me) Concrete (Claus A, 21MPs, nex sec. 38me) Concrete (Crais A, 21MPs, nex sec. 38me) Concrete (Crais A, 21MPs, nex sec. 38me) Concrete (Crais (Feinforced concrete) Reinforced concrete) Concrete Curine (Feinforced concrete) Reinforced concrete) Unit Rate Miscellangous Total Combonents (%) Unit Rate Miscellangous covers the cost for mould,	<pre></pre>	O t)  Quantity 1.00 8.00 5.00 11.42 1.00  tion & Lay Quantity 10.73 10.52 10.52 262.60 1.40 5.20 1.00  cart, min	Lab. 100.0% 100.0% 100.0% 6.8% 1/day 1ng 1.60, 2.5% 15.4% 8.5% 100.0% 100.0% 0.0%	Com Nat. 81, 5% 6, 2% 7, 6% 8, 9% 9, 0% 0, 0%	Un Equin 0, 0% 0, 0% 0, 0% 97, 3% Un Inponent Equin 16, 1% 84, 0% 17, 8% 83, 2% 9, 0% 9, 0% 18,	(x) For. 0. 0% 0. 0% 54. 0% 54. 0% 55. 8% 45. 0% 14. 0% 56. 8% 65. 8% 65. 8% 0. 0% 0. 0%	100, 0% 100, 0% 100, 0% 46, 0% 46, 0% 46, 0% 46, 1% 49, 5% 100, 0% 100, 0%	(PP) \$78.00 410.00 320.00 8.980.00 Total (PP) 1.590.00 4.29 23.40 881.00 576.00	Labor 576. 00	1, 787.92 1.84 1.84 1.84 1.94 1.94 1.94 1.94 1.94 1.94 1.94 1.9	91, 455, 98 389, 54 389, 54 Associated to the second of	50,8/2.72 51,13/ 216,53  Unit:  101  Foleign 0.00 0.00 55,294,14 51,34 221,12  Unit: unit  Foreign 0.630 3.39,03 3.39,03 3.39,03 3.12,39 0.00 0.00 0.00	48, 714, 08 48, 93, 207, 47  250, 00  Local 576, 00 3, 280, 00 1, 600, 00 47, 029, 06 052, 485, 08 209, 88  10, 00  Local 7, 368, 88 1, 491, 86 38, 83 2, 835, 81 697, 21 805, 40 1, 564, 00 268, 60 15, 17, 565 49, 654	0.00 99,556.80 100.0% 424.00  100.0% 424.00  100.0%	0,0%
Item No.   1002   1019   1020   102	Description  Foresan  Skilled Labor Unskilled Labor Truck Crans, Hydraulic 141-160t Miscellangous  Total Components (%) Unit Hate  Foresan  Description  Concrete Couring by Pump Vehicle (reinforced concrete) Concrete Couring by Pump Vehicle (reinforced concrete) Concrete Curing (reinforced concrete) Reinforced concrete) Concrete Curing (reinforced concrete) Reinforced concrete) Reinforced concrete Unit Reinforced concrete) Unit Rite Miscellangous  Total Components (Y) Unit Rate Miscellangous covers the cost for mould, Pier Protection Concrete Block Type B	\$0. Unit and and by froduc Unit t and <td>Quantity 1.00 8.00 5.00 11.42 1.00  tion &amp; Lay Quantity 10.73 10.52 10.52 262.60 1.40 5.20 1.00  cart, min</td> <td>Lab. 100.0% 100.0% 100.0% 6.8% 1/day 1ng 1.60, 2.5% 15.4% 8.5% 100.0% 100.0% 0.0%</td> <td>Com  Com  Com  Com  Com  Com  Mac.  S1. 5%  C2%  76. 6%  8.3%  C.0%  Com  Com  Com  Com  Com  Com  Com  Co</td> <td>Unipponent Equip. 16.1% 84.0% 97.3%</td> <td>(X) For. 0. 0% 5. 0. 0% 5. 0. 0% 5.</td> <td>100, 0% 100, 0% 100, 0% 46, 0% 46, 0% 46, 0% 46, 1% 49, 5% 100, 0% 100, 0%</td> <td>(PP) (PP) (.590, 00 230, 00 41</td> <td>  6, 302, 91   26, 84   26, 84   26, 84   26, 84   26, 84   27, 80   28, 80   27, 80   27, 80   28, 80</td> <td>Naterial  Naterial  Naterial  Naterial  0.00 0.00 0.00 0.00 1.944.14 0.00 1.984.14 1.98 7.77  Material 1.98 4.718.63 117.00 0.00 0.00 0.00 0.00 0.00 0.00 0.</td> <td>91, 455, 99, 195, 197, 197, 197, 197, 197, 197, 197, 197</td> <td>50,812,72 \$1,174 \$1,175</td> <td>48, 714, 08 48, 93, 207, 47  250, 00  Local 576, 00 3, 280, 00 1, 690, 00 16, 00, 00 17, 029, 06 48, 73, 209, 88 1, 491, 86 38, 83 1, 491, 86 38, 83 2, 835, 81 697, 21 805, 40 1, 664, 00 268, 60 15, 171, 664</td> <td>0.00 99,556.80 100.0% 424,00  100.0% 424,00  100.0% 1560.00 100.0% 1500.00 100.0%</td> <td>0,0%</td>	Quantity 1.00 8.00 5.00 11.42 1.00  tion & Lay Quantity 10.73 10.52 10.52 262.60 1.40 5.20 1.00  cart, min	Lab. 100.0% 100.0% 100.0% 6.8% 1/day 1ng 1.60, 2.5% 15.4% 8.5% 100.0% 100.0% 0.0%	Com  Com  Com  Com  Com  Com  Mac.  S1. 5%  C2%  76. 6%  8.3%  C.0%  Com  Com  Com  Com  Com  Com  Com  Co	Unipponent Equip. 16.1% 84.0% 97.3%	(X) For. 0. 0% 5. 0. 0% 5. 0. 0% 5.	100, 0% 100, 0% 100, 0% 46, 0% 46, 0% 46, 0% 46, 1% 49, 5% 100, 0% 100, 0%	(PP) (PP) (.590, 00 230, 00 41	6, 302, 91   26, 84   26, 84   26, 84   26, 84   26, 84   27, 80   28, 80   27, 80   27, 80   28, 80	Naterial  Naterial  Naterial  Naterial  0.00 0.00 0.00 0.00 1.944.14 0.00 1.984.14 1.98 7.77  Material 1.98 4.718.63 117.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	91, 455, 99, 195, 197, 197, 197, 197, 197, 197, 197, 197	50,812,72 \$1,174 \$1,175	48, 714, 08 48, 93, 207, 47  250, 00  Local 576, 00 3, 280, 00 1, 690, 00 16, 00, 00 17, 029, 06 48, 73, 209, 88 1, 491, 86 38, 83 1, 491, 86 38, 83 2, 835, 81 697, 21 805, 40 1, 664, 00 268, 60 15, 171, 664	0.00 99,556.80 100.0% 424,00  100.0% 424,00  100.0% 1560.00 100.0% 1500.00 100.0%	0,0%
Item No.   L002   L019   L020   R0402-160   R0402-160   R0402-160   R0402-015   L002   L020   R0402-015   L002   L020   R0402-015   R040	Description  Foresan PC Girder Erection (75.0 S #  Description  Foresan Skilled Labor Unskilled Labor Truck Crane. Hydraulic 141-160:  Miscellangous  Conconents (%)  Unit Rate  Vork Capacity Pier Protection Concrete Block Type A  Description  Concrete Class A, ZiHFa, nex seg. 3San) Concrete Pouring by Punp Vehicle (reinforced concrete) Concrete Curing (reinforced concrete) Reinforcement Grade 40, cutting. Dending & assembly Truck Crane, Hydraulic 11-16t Foresan Unit Rate  Miscellangous  Total  Contenents (%) Unit Rate Miscellangous covers the cost for mould, Pier Protection Concrete Block Type B  Description	<pre></pre>	Quantity 1.00 8.00 5.00 11.42 1.00  250 tion & Lay Quantity 10.73 10.52 10.52 262.60 1.40 5.20 1.00	Lab. 100.0% 100.0% 100.0% 6.8% 1/day 1ng 1.60, 2.5% 15.4% 8.5% 100.0% 100.0% 0.0%	Com  Com  Com  Com  Com  Com  Com  Com	Un. 10 May 1	(X) For 0. 0x 0. 0x 0. 0x 0. 0x 0. 0x	100.0% 100.0% 100.0% 48.0% 48.0% 48.0% 48.0% 49.6% 100.0% 45.0%	(PP) (PP) (PP) (Concrete *	6, 302, 91  26, 84  Labor 576, 00 5, 280, 00 1, 600, 00 818, 59 9, 00 1, 600, 00 4, 17, 94 14, 88 428, 02 33, 66 947, 14 119, 82 808, 40 1, 664, 00 1, 17, 94 14, 58 441, 19 1, 052	1,787.92   1,787.92   1,787.92   1,761   1,761   1,761   1,984.14   1,984.1	91, 455.98  389, 54  Associated by the second of the secon	50,812,72 \$1,174 \$1,175	48, 714, 08 48, 93 48, 93 207, 47  250, 00  Local 576, 00 3, 280, 00 1, 600, 00 47, 029, 06 48, 73 209, 88 1, 491, 86 1, 491, 86 1, 491, 86 1, 664, 00 2, 88, 58 1, 491, 86 1, 664, 00 1, 6	0.00 99,556.80 100.0% 424,00  100.0% 424,00  100.0% 160.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,000.0% 1,	0,0%
Item No.   L002   L019   L020   R0402-160   R0402-160   R0402-160   R0402-160   R0402-160   R0402-160   L020   L020   L020   R0402-160	Unit Rate  Work Capacity  Procest PC Girder Erection (75.0 S F  Description  Foresan Skilled Labor Truck Crane. Hydraulic 141-180: Miscellansous Total Components (%) Work Capacity  Pier Protection Concrete Block Type A  Cancrete (Class A, 21MPs, max sec. 38mh) Cancrete Pouring by Pump Vehicle (vehiforced concrete) Concrete Curing (reinforced concrete) Reinforced concrete) Reinforcement Grade 40, cutting, bending a sessebly Truck Crane, Hydraulic 11-16t Foresan Unskilled Labor Miscellansous  Components (%) Unit Rate Miscellansous covers the cost for mould, Pier Protection Concrete Block Type B  Description  Concrete (Class A, 21MPs, max sec. 38mn)	Value of the control	Quantity 1.00 8.00 5.00 11.42 1.00 250 tion & Lay Quantity 10.73 10.52 262.60 1.40 5.20 1.00 cart, ain	Lab. (100. 9% 100. 0%	lat.   lat.	ponent	(1) (N) (N) (N) (N) (N) (N) (N) (N) (N) (N	Local 43. 2%	Total (PP) 1.590.00  Concrete • Total (PP) 1.590.00	6, 302, 91 26, 34 26, 84 26, 84 26, 84 26, 84 26, 84 26, 84 26, 84 27, 89 25, 99  4, 89 4, 89 428, 02 33, 86 947, 14 119, 82 806, 40 4, 84 41, 19 1, 052 1	1,787.92   1,787.92   7,61   1,787.92   7,61   1,761   1,944.14   1,954.14	91, 455.98 91, 95. 389, 54  Associated by the second of th	50,812.72 51,134 216,53  Unit:  Foreign 0.00 0.00 0.00 0.00 0.52,294.14 51,334 221,12  Unit:  Unit:  Foreign 0.691.62 1,222.30 6.30 3.309.03 712.39 0.00 382.99 15.20,134 50,234 15.21,134 50,24 15.22,30 6.30 3.309.03 712.39 15.20,31 50,24 15.20,31	48, 714, 08 48, 93, 207, 47  250, 00  Local 576, 00 3, 280, 00 1, 600, 00 47, 029, 06 6, 000 52, 485, 08 48, 78 209, 89  10, 00  Local 7, 368, 88 1, 491, 86 38, 83 2, 835, 81 4, 684, 00 1, 684, 00 1, 684, 00 1, 684, 00 1, 684, 00 1, 684, 00 1, 684, 00 1, 515, 171, 68 1, 515, 18 1, 515,	0.00 99,556.80 100.0% 424,00  t  Total (PP) 576.00 3,280.00 107,779,20 100.0% 431,00  Total (PP) 17,060.70 2,714.15 45.13 6,144.84 1,409,80 806,40 596,90 30,441,73 100,0% 3,040.00  126.04	Remarks  0.0%  Remarks Loss 2.0%
1002 1019 1019 1020 80402-160 80402-160 1020 10	Unit Rate  Work Capacity  Procest PC Girder Erection (75.0 S F  Description  Foresan Skilled Labor Truck Crane, Hydraulic 141-160: Miscellaneous Total Concoments (W) Work Capacity Pier Protection Concrete Block Type A  Description  Concrete (Class A, 21MPa, max sez. 35mm) Concrete Couring by Pump Pehicle Lysinforced concrete) Reinforced concrete Unit Inster Unakilled Labor Miscellaneous Contonents (W) Unit Rate Miscellaneous covers the cost for mould, Pier Protection Concrete Block Type A  Description  Concrete Culis (Figure 11-16)  Contonents (W) Unit Rate Miscellaneous covers the cost for mould, Pier Protection Concrete Block Type B  Description  Concrete (Class A, 21MPa, max sez. 35mm) Concrete Class A, 21MPa, max sez. 35mm) Concrete (Class A, 21MPa, max sez. 35mm) Concrete Pouring by Pump Vehicle (frainforcete concrete)	Vinit and and and hr LS  Froduce Unit as a sal kg hr end end end lS  each, forms, Produc Unit	Quantity 1.00 8.00 5.00 11.42 1.00  250 tion & Lay Quantity 10.73 10.52 10.52 262.60 1.40 5.20 1.00	Lab. (100. 0% 100. 0.	Com  Com  Com  Com  Com  Com  Com  Com	ponent	(1) (N) (N) (N) (N) (N) (N) (N) (N) (N) (N	100.0% 100.0% 100.0% 48.0% 48.0% 48.0% 48.0% 49.6% 100.0% 45.0%	(PP) (PP) (PP) (Concrete *	6, 302, 91  26, 84  Labor 576, 00 5, 280, 00 1, 600, 00 818, 59 9, 00 1, 600, 00 4, 17, 94 14, 88 428, 02 33, 66 947, 14 119, 82 808, 40 1, 664, 00 1, 17, 94 14, 58 441, 19 1, 052	1,787.92   1,787.92   1,787.92   1,761   1,761   1,761   1,984.14   1,984.1	91, 455, 99, 198, 198, 198, 198, 198, 198, 198,	50,812.72 51.13 216.53 Unit:	48, 714, 08 48, 93 48, 93 207, 47  250, 00  Local 576, 00 3, 280, 00 1, 600, 00 47, 029, 06 48, 73 209, 88 1, 491, 86 1, 491, 86 1, 491, 86 1, 664, 00 2, 88, 58 1, 491, 86 1, 664, 00 1, 6	0.00 99,556.80 100.0% 424,00  100.0% 424,00  100.0% 160.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,600.00 100.0% 1,000.0% 1,	Remarks  0.0%  Remarks ioss 2.0%
Item No.   L002	Unit Rate  Work Capacity  Procest PC Girder Erection (75.0 S F  Description  Foresan Skilled Labor Truck Crane, Hydraulic 141-160: Miscellaneous Total  Concoments (W) Work Capacity Pier Protection Concrete Block Type A  Description  Concrete (Class A, 21MPa, max seg. 38mm) Concrete Couring by Pump Vehicle Lysinforced concrete) Evaluation (Concrete Curing (reinforced concrete) Reinforced concrete) Unskilled Labor Unskilled Labor Miscellaneous Components (W) Miscellaneous Covers the cost for mould, Pier Protection Concrete Block Type B  Description  Concrete (Class A, 21MPa, max seg. 38mm) Concrete Couring the cost for mould, Pier Protection Concrete Block Type B  Description  Concrete (Class A, 21MPa, max seg. 38mm) Concrete Pouring by Pump Vehicle (Trainforced concrete) Concrete Curing (reinforced concrete) Concrete Curing (reinforced concrete) Concrete Curing (reinforced concrete) Senforcement Grade 40, cutting.	<pre></pre>	Quantity 10.65 250 tion & Lay Quantity 10.52 250 10.52 262.60 1.40 5.20 1.00 Cart, min	Lab. (100.0% (	Con Mat. 1. 81. 63. 78. 84. 8. 95. 0. 07. 1. 97. 1.	ponent (	(1) Rate (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 150. 0	Total (PP) 255.00 410.00 8.960.00 8.960.00 8.960.00 8.960.00 8.960.00 8.960.00 8.960.00 8.960.00 255.00 4.29 23.40 881.00 576.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00 320.00 876.00	6, 302, 91 9, 334 26, 34 26, 34 26, 34 26, 34 26, 34 27, 30 1, 600, 00 818, 59 9, 27, 4, 59 5, 5, 57 418, 83 428, 02 33, 66 947, 14 119, 62 800, 40 1, 664, 00 1, 417, 94 1, 92 1, 19 1, 0, 52 1, 19 1, 0, 52 1, 19 1, 19 1, 0, 52 1, 19 1, 19	1,787.92   1,787.92   7,61   7,61   7,61   7,61   7,61   7,61   7,61   7,61   7,61   7,61   7,61   7,61   7,71	91, 455.99  91, 95  389, 54  Associated by the service of the serv	50,812.72 51,137 216,53  Unit: 216,53  Unit: 40.00 0.00 0.00 0.00 0.55,294.14 51,34 221,12  Unit: 45,34 422,12  Unit: 46,501.82 4,222,30 0.00 0.00 0.00 0.00 0.55,294.14 51,34 51,34 51,34 51,34 51,34 51,34 51,34 51,34 51,34 51,34 51,34 51,34 51,34 51,34 51,34 51,34 51,34 51,34 51,34	48, 714, 98 48, 93, 207, 47  250, 00  Local 575, 00 3, 280, 00 47, 029, 95 48, 73, 568 48, 73, 7568, 88 1, 491, 86 38, 83 2, 835, 81 697, 21 806, 40 1, 664, 00 2, 688, 60 15, 171, 50 49, 52 10, 00 a	0. 0.0 99,556.80 100.0% 424,00  100.0% 424,00  100.0% 156.00 1,560.00 100.0% 1,500.00 1,50	Remarks  0.0%  Remarks ioss 2.0%
Item No.   L002   L019   L020   R0402-160   R0402-160   R0402-160   R0402-015   R0402-01	Unit Rate  Work Capacity  Procest PC Girder Erection (75.0 S F  Description  Foresan Skilled Labor Truck Crane, Hydraulic 141-160: Miscellaneous Total  Concoments (W)  Work Capacity  Pier Protection Concrete Block Type A  Description  Concrete (Class A, 21MPa, max sez. 35mm) Concrete rouring by Pump Vehicle It's inforced concrete) Reinforced concrete Curing (reinforced concrete) Reinforced concrete) Unaklited Labor Unaklited Labor Miscellaneous Covers the cost for mould, Pier Protection Concrete Block Type B  Description  Concrete (Class A, 21MPa, max sez. 35mm) Concrete Curing reinforced concrete) Reinforced concrete Miscellaneous covers the cost for mould, Pier Protection Concrete Block Type B  Description  Concrete (Class A, 21MPa, max sez. 35mm) Concrete Pouring by Pump Vehicle (reinforced concrete) Concrete Curins (reinforced concrete) Reinforcement Grade 40, cutting, Leading & assembly Truck Crane, Hydraulic [i-15t]	Very series of the control of the co	Quantity 1.00 8.00 5.00 11.42 1.00 250 tion & Lay Quantity 10.52 10.52 262.60 1.40 5.20 1.00  cart, min tion & Lay Quantity 10.09 9.89 9.89 254.10	Lab. (100.0% 100	Com  Com  Com  Com  Com  Com  Com  Com	ponent	(1) For 0. 05 0. 05 0. 05 0. 05 0. 05 0. 05	100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 150. 0	Total (PP) 1.590.00 255.00 420.00 Concrete *  Total (PP) 1.590.00 255.00 4.29 23.40 881.00 576.00 320.00 4.29 23.40 881.00 681.0	6,302,91 6,381 26,84 26,84 26,84 26,84 276,00 1,600,00 8,18,59 9,18,59 6,274,59 5,58 415,85 428,02 33,66 947,14 119,82 119,82 119,83 119,83 119,84 119,85	1,787.92   1,88   7,61	91, 455.99  91, 95  389, 54  Associated by the service of the serv	50,812.72 51,137 216,53  Unit: 1018  Foreign 0.00 0.00 0.00 0.55,294.14 51,332  Unit: 1018 Foreign 9.691.82 1,222.30 0.00 3,399.03 712.39 0.00 3,799.13 1,524,92 Unit: 1018 Foreign 15,270.13 50,231 1,524,92 Unit: 1018 Foreign 15,270.13 50,231 1,524,92 Unit: 1018 Foreign 15,270.13 50,231 1,524,92 Unit: 1018 Foreign 15,270.13 50,231 1,524,92 Unit: 1018 Foreign 9.113.74 1,149.10 5.92 3,201.92	48, 714, 98 48, 93, 207, 47  250, 00  Local 575, 00 3, 280, 00 1, 600, 00 47, 029, 95 48, 93, 95 209, 88  10, 00  Local 7, 368, 88 1, 491, 86 38, 83 2, 835, 81 697, 21 805, 40 1, 515, 08 10, 00  Local 1, 17, 50 49, 52 36, 51 1, 492, 52 36, 51 2, 744, 02 697, 21	0. 0.0   99,556.80   100,0%   424,00    Total (PP)   576.00   3,280.00   107,779.20   100,0%   431,00   17,060,70   2,714.15   45.13   6,144.84   1,409,80   30,441.73   100,0%   3,040,00   100,0%   3,040,00   100,0%   1	Remarks  0.0%  Remarks ioss 2.0%
Total No.  L002 L019 L020 g0-402-160  T0801  Item No. W0203 W0237 W0251 R0402-015 L002 Item No. W0802  Item No. W0802 W0802 W0802 W0802 W0802 W0802 W0802 W0802 W0802 W0802 W0802 W0802 W0802 W0802 W0802	Unit Rate  Procest PC Girder Erection (75.0 S F  Description  Foresan Skilled Labor Truck Crane, Hydraulic 141-160: Miscellaneous Tatal Concoments (W) Work Canacity Pier Protection Concrete Block Type A  Description  Concrete (Class A, 21MPa, max seg. 38mm) Concrete Pouring by Pump Vehicle Lysinforced concrete) Evaluation (Concrete Block Type A)  Concrete Crane (Frainforced concrete) Reinforced concrete) Historic (Class A, 21MPa, max seg. 38mm) Concrete Crane (Frainforced concrete) Reinforced concrete) Historic (Class A, 21MPa, max seg. 38mm) Unaklited Labor Miscellaneous Covers the cost for mould, Pier Protection Concrete Block Type B  Description  Concrete (Class A, 21MPa, max seg. 38mm) Concrete Pouring by Pump Vehicle (Frainforced concrete) Concrete Curing (Frainforced concrete) Reinforcement Grade 40, cutting, banding & assembly Truck Crane, Hydraulic 11-15t Forewan Unakliled Labor	Vinit Vinit	Quantity 1.00 8.00 5.00 11.42 1.00 250 tion & Lay Quantity 10.52 10.52 262.60 1.40 5.20 1.00 Quantity 10.08 9.89 9.89 254.10 1.60 1.60 1.60 1.60 1.60 1.60 1.60 1	Lab. (00.0% 100.	Hat	ponent	(1) For 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	100.0% (100.0%	(PP) (1,590,00) 220,00 (20,00)	6, 302, 91 26, 84 26, 84 26, 84 26, 84 576, 00 3, 280, 00 1, 600, 00 618, 59 9, 00 6, 274, 55 5, 8% 25, 09 418, 83 428, 02 33, 66 947, 14 119, 82 808, 40 1, 644, 00 1, 644, 00 1, 644, 00 1, 644, 10 1,	1,787.92   1,761   1,787.92   1,761   1,761   1,761   1,771	91, 455.99 389, 54  Associated by the service of th	50,812.72 51,137 216,53  Unit: 1018 0.00 0.00 0.00 0.00 0.55,294.14 51,332  Unit: 1018 Foreign 9.691.82 1,222.30 0.00 3,309.03 712.39 0.00 3,309.03 712.39 15,270.13 50,231 1,524,92 Unit: Int Foreign 1,524,92 Unit: Int Foreign 2,22,30 In 524,92 Unit: Int Foreign 1,524,92 Unit: Int 524,92 Unit: Int 74,149,10 Int 1,149,10	48, 714, 08 48, 93, 207, 47  250, 00  Local 575, 00 3, 280, 00 1, 600, 00 47, 029, 06 48, 37, 368, 88 209, 88 1, 491, 86 38, 83 2, 835, 81 697, 21 806, 40 1, 515, 08	0. 0.0 99,556.80 100.0% 424,00  t  Total (PP) 576.00 3,280.00 107.323.20 0.107.779,20 100.0% 431,000  Pach Total (PP) 17,060.70 2,714.15 45.13 6.144.84 1,409,80 806.40 100.0% 3,040.00 100.0% 3,040.00 100.0% 3,040.00 100.0%	Remarks  0.0%  Remarks Loss 2.0%  2.0%
Total No.  L002 L019 L020 g0402-160 g0402-160 g0402-160 g0402-160 g0402-160 g0402-160 g0402-160 g0402-160 g0402-160 g0402-1602 g0402	Unit Rate  Procest PC Girder Erection (75.0 \$ \$ \$ Description  Foresan  Skilled Labor Unskilled Labor Unskilled Labor Unit Rate  Fruck Crane. Hydraulic 141-160t  Miscellangus  Total  Commonents (%)  Pier Protection Concrete Block Type A  Description  Concrete (Class A, ZillPa, max sea. 38mm) Concrete Pouring by Pump Vehicle (reinforced concrete) Concrete Crins (reinforced concrete) Reinforced concrete) Sending & assembly Truck Crane, Hydraulic 11-16t Foresan Unskilled Labor Miscellangus  Total  Commonents (Y)  Unit Rate Miscellangus Commonents (Y)  Concrete Class A, ZillPa, max sea. 38mm) Concrete Crins (reinforced concrete) Reinforced concrete Block Type B  Miscellangus Commonents (Y)  Concrete Class A, ZillPa, max sea. 38mm) Concrete Class A, ZillPa, max sea. 38mm) Concrete Crins (reinforced concrete) Reinforced concrete) Concrete Crins (reinforced concrete) Reinforcement Grade 40, cutting, bending & assembly Truck Crane, Hydraulic [1-15t Foresan	Very series of the series of t	Quantity 1.00 8.00 5.00 5.00 11.42 1.00  250  tion & Lay Quantity 10.73 10.52 10.52 262.60 1.40 5.20 1.00  cart, min tion & Lay Quantity 10.06 9.89 9.89 254.10 1.50	Lab. (100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 100. 0% 15. 8% 15. 8% 15. 8% 17. 6% 15. 8% 17. 6% 15. 8% 17. 6% 15. 8% 15. 4% 8. 6% 15. 4% 8. 6% 100. 0%	Com  Com  Com  Com  Com  Com  Com  Com	ponent ( 16, 13, 13, 14, 18, 17, 84, 17, 17, 17, 17, 17, 17, 17, 17, 17, 17	(X) For. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	100.0% (100.0%	(PP) (PP) (1.590.00 220.00 250	6, 302, 91 9, 331 26, 34 26, 34 26, 34 26, 34 26, 34 26, 34 27, 280, 90 1, 600, 90 818, 89 9, 5, 56 418, 89 428, 92 33, 66 947, 14 119, 82 802, 40 1, 64, 90 1, 417, 91 1, 92 1, 93 1, 85 1,	1,787.92   1,88   7,61	91, 455, 99 389, 54 389, 54 Ann Application 1, 97 Equipment (P) Equipmen	50,812.72 \$1.13. 216.53  Unit: 0.00 0.00 0.00 0.00 55.294.14 51.33 221.12  Unit: Int  Foreign 9.691.82 1,222.30 6.30 3.309.03 712.39 0.00 0.00 0.82.29 15.270.13 1524.92 15.270.13 1524.92 15270.13 1524.92 15270.13 1524.92 15270.13 1524.92 15270.13 1524.92 15270.13 1524.92 15270.13 1524.92 15270.13 1524.92 15270.13	48, 714, 08 48, 93 207, 47  250, 00  Local 575, 00 3, 280, 00 1, 600, 00 47, 029, 06 48, 73 209, 88 1, 91, 86 38, 83 1, 491, 86 38, 83 2, 835, 81 697, 21 805, 40 1, 564, 00 268, 50 15, 171, 50 49, 52 10, 00 e	0. 0.0 99,556.80 109.0% 424,00  109.0% 424,00  109.0% 109.	Remarks  0,0%  Remarks ioss 2.0%

<b>W</b> 0603	Pier Protection Concrete Block Type (	Produ	stion & la	vine									Unit:		esch	
Item No.	Description	Unit	1	-	Co	Un mpanont	it Rate		Total			Amc Component (PP)	unt		Total	Remarks
W0203	Concrete (Class A. 21MPa. max agg. 38mm)		10.09	Lab. 2.5%	Mat.	Equip.		Local 43.2%	(PP) 1, 590, 00	Labor 393, 90	Material 13,073,38	Equipment 2,675,85	Foreign 9, 113, 74	Local 6, 929, 36	(PP) 16, 043, 10	Loss 2,09
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	9.89			1	45.0%	55. OX	258. 00	402.39	5,00	2, 144, 23	1, 149. 10	1, 402, 52	2, 651, 62	. 1.0aa 2,0x
¥0237	Concrete Curing (reinforced concrete)	ps3	9.89	74.64	7.6%	17.8%	14.0%	86.0%	4. 29	31.66	3, 23	7, 54	5. 92	36.51	42. 43	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	236. 90	t	76.8%	7.8%	53.9%	46. 1%	23.40	854, 45	4, 256, 83	432, 18	2, 985, 18	2, 658, 26	5, 543, 46	
R0402-015 L002	Truck Crane. Rydraulic 11-15t Forgman	hr md	1.60		8.3% 0.0%	83.2% 0.0%	50.5% 0.0%	49.5% 100,0%	881,00 676,00	119. 82 806. 40	117.00	1, 172, 79 0, 00	712.39	697, 21 806, 40	1, 409, 60 806, 40	
L020	Unskilled Labor Miscellaneous	nd f.S	5. 20 1. 00			0.0% 50.0%	0.0% 55.0%	100, 0% 45, 0%	320.00	1, 664, 00 0, 00	0, 00 280, 61	0. 00 280. 61	0. 00 308. 67	1, 664, 00 252, 55	1, 664, 00 561, 21	2. 0%
	Total Components (%)		1							4, 272, 61 14, 9%	17, 736, 02 62, 0%	6, 613, 19	14, 275, 00 49, 9%	14.346.82	28, 621, 82 100, 0%	
	Unit Rate	each	t <del></del>				<u> </u>			426, 94 0, 989 a	1,772,25	23, 1% 560, 81	1, 426. 41	50, 1% 1, 433, 59	2, 860, 00	
¥0611	Miscellaneous covers the cost for mould	i, turms	. cett, mi	nor cours	, 400,				Concrete =	Q. 103 A.	at decit		No. for			
[	Stone Laying Description	11-1-	Quantity	<b>—</b>		Ún	it Rate		Total			Amo omponent (PP)	Unit: unt	100.00	Total	01
Item No.		Unit		Lab.	Mat,	Equip.	for.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	Remarks
L002 L019	Foremen Skilled Labor	nd nd	0. 50 0, 00		0.0% 6.0%	0.0%	0.0% 0.0%	100.0%	576, 00 410, 00	288, 00 0, 00	0.00	0.00	0.00	288, 00 0, 00	288, 00 0, 00	
L020 W0129	Unskilled Lebor Gravel/Stone, transported	md m3	0.60 113.00	11.8%	18.6%	69, 5%	0, 0% 44, 8%	100.0% 55.2%	320. 00 197, 00	192, 00 2, 637, 48	0, 00 4, 149, 20	0. 00 15, 474, 31	0,00 9,978.51	192,00 12,282,49	192.00 22.261.00	Loss 13.0%
R0102-061 R0402-025	Backhoe, hydraulic, crawler, 0,61m3 Truck Crane, Hydraulic 21-25t	hr hr	8,70		8.4% 6.8%	87.1% 87.6%	52.9% 52.0%	47. J% 48. 0%	1, 740, 00 1, 330, 00	68t.21 0.00	1, 271, 59	t3, 186, 20 0, 00	8, 004, 77 0, 00	7, 133, 23 0, 00	15, 138, 00 0, 00	
(1010)	Miscellaneous Total	ĽS.	1.00							0.00 3,798.69	0,00 5,420,80	28, 659, 51	0,00	0.00 19.895.72	0,00 37,879,00	0.0%
	Components (%)	a3								10,0% 38,01	14, 3%	75, 7% 286, 75	47, 5% 179, 93	52, 5% 199, 07	100, 06 379, 00	
meace.	Unit Rate		C			l				38.01	54, 241	250, 131				
V0851	Temporary Support at Pier Head for Ca	Ť	ŀ	\$10n			ii Rate					Ano	Unit:	10.00		
Itom No.	Description	Unit	Quantity	Lab.	Mac	Equip.	fot	Local	Total (PP)	Lahor	Material	emponent (PP) Equipment	Foreign	Local	Total (PP)	Remarks
£002 £005	Foreman Carpenter	md md	0, 40 0, 40	100.0%		0, 0% 9, 0%	0.0% 0.0%	100, 0X 100, 0X	576, 00 451, 00	230. 40 180. 40	0. 00 0. 00	0. 00 0. 00	0.00 0.00	230, 40 180, 40	230. 40 180. 40	
L019 L020	Skilled Labor Unskilled Labor	ad ad	1.30	100.0%	6.0% 0.0%	0.0% 0.0%	0.0% 0.0%	100.0% 100.0%	410.00 320.00	533.00 416.00	0, 00 0, 00	0.00( 0.00	0. 00 0. 00	533.00 416.00	533. 00 j 416. 00 j	
W0442 R0402-025	Temporary Frame Support Depreciation Truck Crane, Hydraulic 21-25t	m3·d	740.00	0.0%		3, 7% 87, 6%	50.0% 52.0%	50.0% 48.0%	0, 76 1, 330, 00	0, 00 127, 36	543, 00 154, 65	20. 88 1, 992, 29	281, 94 1, 181, 76	281.94 1,092.54	563, 88 2, 274, 30	
	Miscellaneous Total	į įs	1.00		70.0%	30.0%	50.0%	50.0%		0,00	68, 77	25, 19 2, 038, 36	41, 98 1, 505, 68	41.98 2,776.26	83, 96 4, 28 L, 94	2,0%
	Components (%) Unit Rate	V:m3								34, 7% 148, 65	766, 42 [7, 7% 75, 6]	47, 6% 200, 74	35. 2% 150, 50	64, 8% 277, 50	100.0%	
	Niscellaneous covers the cost for lumbs Provided days	r, brac		ded stee days	is, bolt	s, otc.				140.00	191911	200,147	100.001	277,001	120, 001	
MAGEA	•												D. Zair			
¥0652	Temporary Bracket Support at Pier Hea		-	CONSTRUC		tin	t Rate					Amou	Unit:	1,00		
Item No.	Description	Unit	Quantity	J.ab.	_Mar.	iponent ( Equip.	7) For	Local	Total (PP)	Labor	Material	Equipment (PP)	Foreign	Loca]	Total (PP)	Remarks
L002 L006	foreman Carpenter	मार्च सर्व	0. 40 0. 20	100.0% 100.0%	0.0% 0.0%	0.0%	0.0%	100.0%	576, 00 451, 00	230. 40 90. 20	0, 00   0, 00	0, 00 0, 00	0. 00 0. 00	230, 40 90, 20	230, 40 90, 20	
COLD	Skilled Lebor Unskilled Lebor	gad. med	2.40 1.60	100.0% 100.0%	0.0%	0.0%	0.0%	100,0%	410.00 320.00	984.00 5‡2,00	0, 00 0, 00	a. aa a. aa	0.00	984, 00 512, 00	984, 00 612, 00	
MOS04 J	Temporary Steel Shapes Depreciation Truck Crane, Hydraulic 21-25t	t•d hr	74.00 1.71	0.0%	100.0% 6.8%	0.0% 87.6%	50.0% 52.0%	50, 0% 48, 0%	31, 30 1, 330, 00	0.00 127.36	2, 316, 20 154, 65	0. 00 1, 992, 29	1, 158. 10 1, 181. 76	1. 158, 10 1. 092, 54	2, 316, 20 2, 274, 30	
R0102 023	Hiscellaneous Total	LS	1,00		70.0%	30, 0%	50, 0%	50,0%		0.00 1,943.96	1,031,54 3,502,40	442, 09 2, 434, 38	736, 82 3, 076, 58	736. 82 4, 804. 05	1, 473, 63 7, 880, 73	23.0%
	Components (%)	<b>!</b>								24. 7% 1, 943, 78	44. 4% 3, 502. 07	30, 9% 2, 434, 15	39.0% 3,076.39	61.0%	100, 0%	
	Unit Rate Miscellaneous covers the cost for lumbe	r, brac		ded stee	ls, bolt	s, elc.				1,940,101	3, 802, 071	<u> </u>	3, 919, 391	4, 803, 61	(, 660. 00]	
	Provided days		74.0		_											
	Temporary External & Internal Support			CADELLO		Uni	t Rate					Amou	Unit:	10.00		
Item No.	Description	Unit	Quantity	Lab.	Mat.	Equip.	K) For.	Local	Total (PP)	Labor	Material	Equipment (PP)	Foreign	Local	Total (PP)	Remarks
	Poreman Carpenter	ad ad	0. 10 0. 10		0.0%		0.0% 0.0%	00.0%	578, 00 461, 00	67, 60 45, 10	0, 00 0, 00	0.00	0.00 0.00	57. 60 45. 10	57. 60 45. 10	
	Skilled Labor Unskilled Labor	nd nd	0. 50 0. 50		0.0%	0.0%	0.0%	100.0% 100.0%	410, 00 320, 00	205, 00 160, 00	Q. 00 Q. 00	0, 00 0, 00	0,00	205, 00 160, 00	205.00 160.00	Ì
W0442 R0402-025	Temporary Frame Support Depreciation Truck Crame, Hydraulic 21-25t	m3·d	570.00 0.57	0.0% 8.6%	96. 3% 6. 8%	3. 7% 87. 6%	50. 0% 52. 0%	50.0% 48.0%	0.76	0.00 42.45	418. 25 61. 55	16.09 664, LO	217, 17 393, 92	217, 17 264, 18	434, 34 768, 10	
	Miscellangous Total	LS	L.00	0.0%	70.0%	30.0%	50.0%	50.0%		510, (5	46, 48 516, 29	19. 92	33, 20 644, 29	33, 20 1, 082, 25	65, 41 1, 726, 55	4. 0%
	Components (%)	v·m3								29.5%	29.9%	40. 6% 70. 15	37, 3% 64, 56	62.7%	100,04	
	Miscellaneous covers the cost for lumber Provided days	r, brac	cets, embed 67.0	ded steel	ls, bolt	s, etc.					<u> </u>	10,14	01.00	109,41		
<b>5</b> 0454														1.00		
	Temporary Suspension Support at Center			-ant 110V		Uni	t Rate		Total	<del> </del>		Amou	Unit: nt	I. 00 t		B
Item No.	Description	Unit		Lab.	Mat.	Equip.	Far	Local	(PP)		Material	mponent (PP) Equipment	Foreign	Loca)	Total (PP)	Remarks
L005	Foreman Carpenter	nd nd	0. Q0		0.0%	0.0%	0.0%	100.0%	576. DO 451. GO	230, 40 0, 00	0, 00 0, 00	0, 00 0, 00	0, 00 0, 00	230, 40 Q. 00	230. 40 0. 00	
1,020	Skilled Labor Unskilled Labor	ed ed	2.60 1.80	100.0%	0. 0% 0. 0%	0.0%	0.0% 0.0%	100.0%	410.00 320,00	1, 066, 00 576, 00	0. Q0 0. Q0	0, 00 0, 00	0, 00 0, 00	1, 066, 00 576, 00	1,066.00 578.00	
M05041 R0402-025	Temporary Steel Shapes Depreciation Truck Crane, Hydraulic 21-25t	t-d hr	31.00 2.86	5.6%	100, 0% 6. 8%	67.6%j	50.0% 52.0%	60.0% 48.0%	31, 30 1, 330, 00	0.00 213.01	970.30 258.66	0. 00 3. 332. 13	485. L5 1, 976. 51	485, 15 1, 827, 29	970, 30 3, 803, 80	ļ
	Miscellaneous Total	ĹS	1, 00	0.0%	70.0%	30.0%	50.0%	50.0%		0, 00 2, 085, 41	1, 209, 66 2, 438, 62	518, 43 3, 850, 56	864, 05 3, 325, 71	864.05 5,048.88	1, 728, 09 8, 374, 59	28.0%
	Components (%)	<b></b> 1								24. 9% 2, 084, 27	29. kx 2, 437. 28	46,0% 3,848,45	39.7% 3,323.69	60, 3% 5, 046, 11	100,0% 8,370.00	
	Miscellaneous covers the cost for lumber Provided days	brac	ets, embed	ded steel	s, bolts	s, etc.	!·				- 191.401		-, oro: pal	-1034, 11		
<b>1</b> 0865	·			•	Canada	UAN C	المديوق						H=2	16.55		
	Temporary External & Internal Support			101 081		Unj	t Rate	<u>'</u> ,	*		·····	Amou	Unit:	10, Q0 v		
Item No.	Description	<u> </u>	Quentity	Lab.	Mar.	ponent (	For,	Local	Total (PP)	Jabor 57, 60	Material	mpanent (PP) Equipment	Foreign	Local	Total (PP)	Remarks
L005	Foreman Carpenter	md md	0. [0 0. [0	100.0%	0. 0% 0. 0%	0. 0% 0. 0%	0. 0% 0. 0%	100, 0%	578, 00 461, 00	45. [0]	0. 00 0. 00	0. 00 0. 00	0. 00 0. 00	57, 60 45, 10	67, 60 45, 10	]
L019 L020	Skilled Lebor Unskilled Lebor	ed md	0. 50 0. 50	100.0% 100.0%	0.0% 0.0%	0.0%	0.0%	100, 0%	410, 00 320, 00	205, 00 160, 00	0. 00 0. 00	0, 00 0, 00	0. 00 0. 00	205, 00 160, 00	205. 00 160, 00	}
₩0442 R0402~025	Temporary Frame Support Sepreciation Truck Creme, Hydraulic 21-25:	m3·d hr	310, 00 0, 67	0. 0% 5, 6%	96, 3% 6, 8%	3,7%	50.0% 52.0%	50.0% 48.0%	0. 76 1. 330, 00	9, 00 42, 45	227. 47 61. 65	8, 75 664, 10	118.11 393.92	118.11 364,18	236, 22 758, 10	
	Niscellaneous Total	is	į. 00	0.0%	70, 0%	87. 6% 30, 0%	50, 0%	50, 0%		0, 00 510, 15	235, 39 514, 41	100, 88 773, 72	168, 13 680, 16	168, 13	336, 26 1, 798, 28	23, 0%
	Components (%) Unit Rate	V 'm3								28, 4% 51, 96	28.6% 51.49	43, 0% 77, 45	37. 8% 68. 08	62, 23	100, 0x 180, 00	
	Niscellaneous covers the cost for lumber Provided days	, brack	ets, embed 31.0	ded steel	s, bolts	etc.			<del> </del>	94,991	91.181		50.00		+40, 00	
	ayab Debiyory	-		-									D=2++	180 50	9	
wasse				ariuctic	/H	Uni	t Rate					Amou	Unit:	100,00 v	-tilg	
	Temporary Frame Support at Side Span f						- no.y									
Item No.	Temporary Frame Support at Side Span f Description	Unit	Quantity	Lab,	Nat.	ponent († Equip	for.	Local .	Total (PP)		Matorial		Foreign	i.ocal	Total (PP)	Remarks
Item No. 1,002 1,005	Temporary Fyame Support at Side Span f Osscription Foredan Carpenter	Unit ad ad	Quantity 0.51 0.00	Lab. 100. 0% 100. 0%	Nat. 0, 0% 0, 0%	ponent (1 Equip. 0.0% 0.0%	6) For, 0.0% 0.0%	100.0%	(PP) 576, 00 451, 00	293.76 0.00	Material 0.00 0.00	0.00 0.00	0, 00 0, 00	293, 76 0, 00	(PF) 293, 76 0, 00	Remarks
Item No. L002 L005 L019	Temporary Frame Support at Side Span f  Osscription  Forensen  Carpenter  Skilled Labor	Unit	Quantity 0.51	Lab. 100. 0% 100. 0% 100. 0%	Nat. 0, 0%	ponent (1 Equip. 0.0% 0.0%	6) For, 0.0% 0.0%	100.0%	(PP) 576, 00 451, 00 410, 00 320, 00	293. 76 0. 00 897. 90	Matorial 0.00 0.00 0.00	Q. QO	0. 00 0. 00 0. 00	293, 76 0, 00 897, 90	(PF) 293, 76 0, 00 897, 90	Remarks
L002 L005 L019 L020 W0442 R0402-025	Temporary Frame Support at Side Span f  Osscription  Foreman Carpenter Skilled Labor Unskilled Labor Temporary Frame Support Depreciation Temporary Frame Support Depreciation Truck Crane, Hydraulic 21-25t	Unit med med med med me3-e	0.51 0.00 2.19 1.99 4.500.00	Lab. 100. 0% 100. 0% 100. 0% 100. 0% 0. 0%	0, 0% 0, 0% 0, 0% 0, 0% 0, 0% 96, 3%	ponent () Equip. 0. 0% 0. 0% 0. 0% 0. 0% 3. 7%	6) For, 0, 0% 0, 0% 0, 0% 6, 0%	100.0% 100.0% 100.0% 100.0%	(PP) 576, 00 451, 00 410, 00 320, 00 0, 76	293. 76 0. 00 897. 90 636. 80 0. 00	Matorial 0.00 0.00 0.00 0.00 0.00	0,00 0,00 0,00 0,00 0,00 127,00	0, 00 0, 00 0, 00 0, 90 1, 714, 50	293, 76 0, 00 897, 90 636, 80 1, 714, 50	(PP) 293, 76 0, 00 897, 90 635, 80 3, 429, 00	Remarks
L002 L005 L019 L020 W0442 R0402-025	Temporary Frame Support at Side Span f  Osscription  Foredam Carpenter Skilled Labor Unskilled Labor Temporary Frame Support Depreciation Truck Crane, Hydraulic 21-28t Miscellaneous	Unit ad ad ad ad ad	0.51 0.00 2.19 1.99	Lab. 100. 0% 100. 0% 100. 0%	Nat. 0, 0% 0, 0% 0, 0% 0, 0%	Equip. 0, 0% 0, 0% 0, 0% 0, 0%	For, 0.0% 0.0% 0.0% 0.0%	100.0% 100.0% 100.0%	(PP) 576, 00 451, 00 410, 00 320, 00	293, 76 0, 00 897, 90 636, 80 0, 00 213, 01 0, 00	Material 0.00 0.00 0.00 0.00 0.00 3,302.00 258.66 253,72	Equipment 0, 00 0, 00 0, 00 0, 00 127, 00 3, 332, 13 108, 74	0, 00 0, 00 0, 00 0, 90 1, 714, 50 1, 976, 51 181, 23	293, 76 0, 00 897, 90 636, 80 1, 714, 50 1, 827, 29 181, 23	(PP) 293, 76 0, 00 897, 90 635, 80 3, 429, 00 3, 803, 80 362, 45	4.0%
L002 L005 L019 L020 W0442 R0402-025	Temporary Frame Support at Side Span f  Osscription  Foreman Carpenter Skilled Labor Unskilled Labor Temporary Frame Support Depreciation Temporary Frame Support Depreciation Truck Crane, Hydraulic 21-25t	Unit  ad  ad  ad  ad  ad  ad  ad  ad  as  br	0.51 0.00 2.19 1.99 4.500.00 2.86	Lab. 100. 9% 100. 0% 100. 0% 100. 0% 0. 0% 5. 6%	Nat. 0, 0% 0, 0% 0, 0% 0, 0% 96, 3% 6, 8%	ponent () Equip. 0.0% 0.0% 0.0% 0.0% 3.7% 87.6%	6) For, 0, 0% 0, 0% 0, 0% 0, 0% 50, 0% 52, 0%	100.0% 100.0% 100.0% 100.0% 60.0%	(PP) 576, 00 451, 00 410, 00 320, 00 0, 76	293. 76 0. 00 897. 90 636. 80 0. 00 213. 01	Material 0.00 0.00 0.00 0.00 0.00 3,302.00 258.66	0,00 0,00 0,00 0,00 0,00 127,00 3,332,13	0. 00 0. 00 0. 00 0. 90 1. 714. 50 1. 976. 51	293, 76 0, 00 897, 90 636, 80 1, 714, 50 1, 827, 29	(PP) 293, 76 0, 00 897, 90 635, 80 3, 429, 00 3, 803, 80	

	·															
W0657	Temporary External & Internal Support	1				Ur	it Rote					An.	Unit:	10.00		
Item No.	Description	Unit	J	Lab,	llat.	Equip.	For.	l.oca	Total (PP)	Labor	Material	Component (PP Equipment	Foreign	Local	Total (PP)	Remarks
L002 L005	Foresen Cargenter	nd nd	0.10	100.00	0.0%	0.0%			576.00 451.00	57, 60 45, 10	0. Q0	0.00 0.00	0. 00 0. 00	57.60 45.10	57. 60 45. 10	}
L019 L020	Skilled Labor Unskilled Labor	nd nd	0, 50	100.0X	0.0%	0.0%	0.0%	(00.0%	410.00 320,00	(60.00	0.00	0. <del>0</del> 0 0. 00	0, 00 0, 00	205, 00 150, 00	205, 00 160, 00	
#0442 R0402-025	Temporary Frame Support Depreciation Truck Crane, Hydraulic 21-25t	m3·d	530, 00 0, 53	5.6%	6.8%	87.6%	52.0%	48.0%	0, 76 1, 330. 00		51.55	14. 96 664. 10	201, 93 393, 92	201.93 364,18	403. 86 758. 10	
	Miscellaneous Total	LS	1.00	0.0%	70.0%	30.0%	50, OX	50.0%	·	0, 00 510, 15	45, 63 486, 08	19, 66 698, 61	32, 59 528, 44	32, <u>59</u> 1, 066, 40	65, 19 1, 694, 85	1,0%
	Components (%) Unit Rate	v·m3								30. 1% 50. 87	28. 7%	41. 2% 69, 66	37. [% 62, 66	62. 9% 106. 34	100. 0% 169. 00	
<del></del>	Miscellaneous covers the cost for lumbe Provided days	r, prac		dded ster	ls, bolt	s, etc.					<u> </u>			******		
¥066t	Assembly & Disassembly of Form Travel			,-									Unit:	1.00	set	
Item No.	Description	Unit	Quantity		Eo	Un mponent	it Rate		Total			Ame Component (PP)	ouht		Total	Remarks
L002	Foreman	md	14, 80	Lab,	Nat. 0.0%	Equip.	For.	100,0%	(PP) 576, 00	Labor 8, 524, 80	Material 0.00	Equipment 0.00	Foreign 0.00	Loca! 8, 524, 80	(PP) 8, 524, 80	IL INDIAD
F0#8	Skilled Labor	md md	91, 00 85, 80	100.0%	6.0% 6.0%	0.0%	0,0%	100.0%	410.00 320.00	37, 310, 00 27, 456, 00	0,00	0. 00 0. 00	0.00	37, 310, 00	37, 310, 00 27, 456, 00	
1.020 R0402-045	Unskilled Labor Truck Crane. Hydraulic 41-45t	hr	85.65	3.4%	5.0%	91.6%	0.0% 53.1%	48.9%		6, 523, 10	9, 592, 80	175, 740, 10	0.00 101, 824, 69	27, 456, 00 90, 031, 11	191,858.00	
	Miscellaneous Total	1.3	1,00	0.0%	70.0%	30.0%	50.0%	50.0%		0.00 79,813.90	50, 112, 75 59, 705, 55	21, 476, 89 197, 216, 99	35, 794, B2 137, 619, 71	35, 794, 82 199, 116, 72	71,589.64 336,736.44	27.0%
	Components (%)	aet								23. 7% 79, 876, 37	17, 7% 59, 752, 28	58. 6% 197, 371, 35	137, 727, 43	59. 1% 199, 272, 57	337,000.00	
	Miscellaneous covers the cost for ancil	lary ma	terials of	form tre	veler, e	rtc.										
<b>T</b> 0662	Form Traveler Shifting					Un	it Rate			<u> </u>		Amo	Unit:	1,00	t Sme	
ltem No.	Description	Unit	Quantity	Lab.		mpanent Equip		Local	Total (PP)	Labor		Component (PP)	Foreign	Local	Total (PP)	Remarks
L002 L019	Foreman Skilled Labor	nd nd	0.90 L.40	100.0%	0. 0% 0. 0%	0.0%	0.0%	100.0%	578, 00 410, 00	518.40 574.00	0, 00 0, 00	0. 00 0. 00	0. 00 0. 00	518.40 574.00	518, 40 574, 00	
1050	Unskilled Labor	ind LS	1.80	100.0%	0.0% 60,0%	0.0%	0.0% 50.0%	t00.0%	320.00	576.00 0,00	0.00 27 <u>0.28</u>	0.00 160, 19	0. 00 225, 23	576, 00 225, 23	576, 00	77.00
	Miscellaneous Total	1.3	,,,,,	0.00	00,04	10.24	40.04	. 90. V		1,668.40	270, 28	180, 19	225, 23	893, 63	450, 47 2, 18, 87	27, 0%
	Components (%) Unit Rate	11mg								78.7% 1,669.29	12. 8% 270, 43	8. 5% 180, 28	10. 6% 225, 35	89. 4% 1, 894, 65	100. 0X 2, 120. 00	
	Miscellaneous covers the cost for lumbs	r, rc r	od, anchor	age devic	es, etc.											
#0663	Form Traveler Lifting	Ι.,	T				Il Raig					And	Unit:	1,00		
Item No.	Description	Unit	Quantity	Lab,	llat.	Equip.	For.	Local	Total (PP)	Labor	Material	omponent (PP) Equipment	Foreign	Local	Total (PP)	Romarks
£002	Foreman Skilled Labor	nd trid	1,00 5,50		0.0%	Q, 0% Q, 0%	0.0%	100,0%	576.00 410.00	576.00 2, 255.00	0. 00 0. 00	0.00	0, 00 0, 00	576, CO 2, 255, DO	576, 00 2, 255, 00	·
1020	Unskilled Labor Miscellaneous	#d LS	7,00	100.0%	0.0%	0,0%	0.0%	100,0%	320. 00	2, 240, 00 0, 00	0.00 0.00	0.00	0.00	2, 240, 00 0, 00	2, 240. 00 0. 00	0.0%
	Total Components (%)	-								5, 071, 00 100, 0%	0,00	0. 00 0. 0%	0.00	5, 071, 00 100, 0%	5, 07 J, 00 100. 0%	
	Unit Rate Miscellaneous covers the cost for lumber	L(me	od anchor	ara dayle						5, 070, 00	0.00	0.00	0, 00	5, 070, 00	5, 070, 00	
W0664	Form Traveler Pulling Back	,,		rige davir										10,00	_	
-	Description	Unit	Quentity			lin sponent	it Rate		Total			Amo	unt	10,00		B
Jiem No.			!	Lab.	Mat.	Equip.	For.	Local	Total (PP)	Labor	Material	Equipment	Foreign	Local	Total (PP)	Remarks
L002 L019	Foreman Skilled Lebor	ed ed	0. 50 1. 20		0. 0% 0. 0%	0, 0% 0, 0%	0,0%	100.0%	576,00 410,00	288, 00 492, 00	0. 00 9. 00	0. 00 0. 00	0, 00 0, 00	288.00 492.00	288. 00 492. 00	
L020	Unskilled Labor Miscellaheous	und LS	1,20 1,00	100.0%	0.0%	0.0%	0.0%	100.0%	320.00	384. 00 0. 00	0, 06 6, 00	0, DO 0, QO	0, 00 0, 00	384, 00 0, 00	384, 00 0, 00	0.0%
	Total Components (%)						_			1, 164, 00	0, 00 0, 0%	0.0%	0,00	[, \64. 00 [00, 0%	1, [64, 00	
	Unit Rate Miscellaneous covers the cost for lumber	r, PC n	ed, anchor	Re devic	es, etc.					116.00	0,00	0.00	0,00	116, 00	116, 00	
W0671	PC Cable Installation, (12-T12, 7, 225)			-		:1)							Unit:	t. 00	<b>.</b>	
Item No.	Description	Unit	Quantity			Un sponent	it Rate		Total			omponent (PP)	unt		Yotal	Remerks
1,002	Foresan	ad	4,40	Lab. 100, 0x		Equip. 0.0%	For, 0.0%	100.001	(PP) 576, 00	Labor 2, 534, 40	Material 0.00	Equipment 0.00	Foreign 0.00	Local 2, 534, 40	(PP) 2, 534, 40	
L019 L020	Skilled Labor Unskilled Labor	nd nd	23, 30 17, 30	100,0%	0.0%	0.0%	0.0%	100. 0% 100. 0%	410.00: 320.00	9, 553, 00 5, 536, 00	0.00 0.00	0, 00 0, 00	0. 00 0, 00	9, 553, 00 5, 536, 00	9, 553, 00 5, 536, 00	
M09306	PC Strand, T12.7 Truck Crame, Hydraulic 21-25t	kg	1,060.00 3,43	0.0%	100.0%	0, 0% 87. 6%	70.0% 52.0%	30. 0% 48. 0%	1   3. 00 1, 330. 00	0, 00 285. 47	119, 780, 00	0, 00 3, 996, 22	83, 846, 00	36, 934, 00 2, 191, 47	119.780.00 4,661.90	Loss 6.0%
R0402-025	Niscellaneous	hr LS	1,00	0.0%	6, 8% 80, 0%	20.0%	55.0%	45. 0%	1,330.00	0.00	9, 085, 78	2, 271, 41	2, 370, 43 6, 246, 47	5, 110, 75	11, 357, 22	8. 0%
	Total Components (%)	<u> </u>								17, 841, 28	84, 34	6, 267, 67	92, 462, 91 60, 31 92, 268, 41	50, 859, 62 39, 7%	153, 322, 52 100, 0%	
L	Unit wate Miscellaneous covers the cost for sheath	is, gro	ut, lape, e	dditiona	l bars,	binding	wire, et	c,		17.041.201	[28, 904, 20]	9,239,481	92, 200, 411	60' (af' pal	153,000,001	
W0672	PC Cable Anchorage, (12-712.7, 225t) 1	for PC	Box Girder	(Longi t	udinal)		·k				<del></del>	<del></del>	Unit:	10,00	est	
Etem No.	Description	Unit	Quantity	<u> </u>		poneni (			fotal			Amo Omponent (PP)			Total	Remarks
	Skilled Labor	ad	3.00	[ab, 100.0%	0.0%	Equip. 0. 0%	0.0%	Local 100.0%	(PP) 410,00	Labor 1,230,00	Material 0.00	Equipment 0.00	Foreign 0.00	1, 230, 00	(PP) 1, 230, 00	
	PC Anchorage 195, 225; 12T13E (F) Miscellaneous	Bet L3	10.00	0.0%	100. 0% 50. 0%	0, 0% 40, 0%	75.0% 55,0%	25. 0% 45. 0%	10, 800, 00	0. 00 0, 00	108, 000, 00 12, 867, 60	0.00 B, 578, 40	79, 500, 00 11, 795, 30	26, 500, 00 9, 650, 70	106, 000, 00 21, 446, 00	20.0%
	Total Components (%)								. —	1, 230, 00	118, 867, 60 92, 4%	8, 678, 40 6, 7%	91, 295, 30 70, 9%	37, 380, 70 29, 1%	128, 676, 00 100, 04	
	Unit Rate Miscellaneous covers the cost forms, gro	each out hose	e, tape, et	e,	اتــــــ					123, 31	11, 916, 69	6, 7% 880, 00	70, 9% 9, 152, 52	29, 1% 3, 747, 48	[2, 900, 00]	
W0673 _	PC Cable Tensioning, (12-T12, 7, 225t)	for PC	Box Girde	r_(Longi	tudinal)								Unit:	10.00 a	ach	
Item No.						Uni Iponent (	t Rate		Total		c	Amo			Total	Remarks
TIME OF	Description	Unit	Quantity	L.				Local	(PP) 576, 00	4abor 864,00		Equipment	Foreign	Local	(PP) 864.00	
				Lab.	Ивt,	Equip.	For.	100.0%						864.001		
L002 L019	Foreman Skilled Labor	ed ed	1. 50 8. 70	100.0%	Мас, 0.0% 0.0%	0.0%	0.0% 0.0%	100.0%	410.00	3, 567, 00	0, 00	0.00 0,00 0.00	0.00 0.00 0.00	864, 00 3, 567, 00 1, 696, 00	3, \$67. 00	
L002 L019 L020 309346	Foreman Skilled Labor Unskilled Labor PC Anchorage 195,226: 127:38 (T)	nd nd nd set	1. 50 8. 70 5, 30 10. 00	0.0% 100,0% 100,0% 0.0%	Ивт. 0.0% 0.0% 0.0% 100.0%	0. 0% 0. 0% 0. 0% 0. 0%	0.0% 0.0% 0.0% 75.0%	100, 0% 100, 0% 100, 0% 25, 0%	410.00 320.00 8,040.00	3, 567, 00 1, 696, 00 0, 00	0, 00 0, 00 80, 400, 00	0, 00 0, 00 0, 00	0.00 0.00 60,300.00	3, 567, 00 1, 696, 00 20, 100, 00	3, \$67. 00 1, 596. 00 60, 400, 00	
L002 L019 L020 M09346 R1007-002	Foreman Skilled Labor Umskilled Labor FC Annehrame (95,226t 12713H (T) Power Unit (Jack), hydraulic, HF-2, pumm can, 7-2	nd nd	1. 50 8. 70 5, 30	100.0% 100,0% 100,0%	Mat, 0.0% 0.0% 0.0%	0.0% 0.0% 0.0%	0, 0% 0, 0% 0, 0%	100.0% 100.0% 100.0%	410.00 320.00	3, 567, 00 1, 696, 00	0, 00 Q, 00 B0, 400, 00 0, 00	0, 00 0, 00	0.00 0.00	3, 567, 00 1, 696, 00	3, 567. 00 1, 596. 00	
1,002 L019 L020 309346 R1007-002	Foreman Skilled Labor Umskilled Labor PC Anchorase 195, 225t 12713H (T) Power Unit (Jack), hydraulic, HF-2, pumm can. 7-2 Concrete Hiker 4-6 ft3/min (0.11- 0.17m3/min)	md md nd set day	1. 50 8. 70 5. 30 10. 00 1. 50	100, 0% 100, 0% 100, 0% 0, 0% 0, 0%	Not. 0.0% 0.0% 0.0% 100.0% 0.0%	0, 0% 0, 0% 0, 0% 0, 0% 100, 0%	0, 0% 0, 0% 0, 0% 75, 0% 54, 3%	100. 0% 100. 0% 100. 0% 25. 0% 45. 7%	410, 00 320, 00 8, 040, 00 656, 00	3, 567, 00 1, 698, 00 0, 00 0, 00	0, 00 0, 00 80, 400, 00 0, 00	0, 00 0, 00 0, 00 984, 00 824, 74	0.00 0.00 60,300.00 534.15 468.02	3, 567, 00 1, 696, 00 20, 100, 00 449, 85 385, 98	3, 567, 00 1, 596, 00 60, 400, 00 984, 00 852, 00	
1,002 L019 L020 309346 R1007-002	Foreman Skilled Labor Unskilled Labor PC Anchornese 195, 226: 12713H (T) Power Unit (Jack), hydraulic, HF-2, numm can, 7-7 Concrete Hilser 4-8 ft3/min (0.11- 0, 17m3/min (front Pumo Hiscollaneous	md md nd set day	1. 50 8. 70 5. 30 10. 00 1. 50	100, 0% 100, 0% 100, 0% 0, 0%	Not. 0.0% 0.0% 0.0% 100.0%	0, 0% 0, 0% 0, 0% 0, 0% 100, 0%	0, 0% 0, 0% 0, 0% 75, 0% 54, 3%	100. 0% 100. 0% 100. 0% 25. 0%	410.00 320.00 8,040.00 656.00	3, 567, 00 1, 698, 00 0, 00 0, 00 0, 00 0, 00 0, 00	0, 00 0, 00 80, 400, 00 0, 00 27, 26 0, 00 3, 250, 19	0, 00 0, 00 0, 00 984, 00 824, 74 1, 920, 00 2, 155, 79	0.00 0.00 60,300,00 534,15 468,02 1,042,80 2,979,34	3, 567, 00 1, 696, 00 20, 100, 00 449, 85 385, 98 877, 20 2, 437, 64	3, 567, 00 1, 596, 00 60, 400, 00 984, 00 852, 00 1, 920, 00 5, 416, 98	6,0%
1,002 L019 L020 309346 R1007-002	Foreman Skilled Labor Unskilled Labor PC Anchorane 195,225t 12713H (T) Power Unit (Jack), hydraulic, HP-2, numm can. 7-2 Concrete Hixer 4-6 ft3/min (0.11- 0.17m3/min (0.11- 0	md md set day day	1. 50 8. 70 5. 30 10. 00 1. 50 1. 50	0, 0% 0, 0%	0.0% 0.0% 0.0% 0.0% 100.0% 0.0% 3.2% 6.0%	0. 0% 0. 0% 0. 0% 0. 0% 100. 0% 96. 8%	0, 0% 0, 0% 0, 0% 75, 0% 64, 3% 64, 7% 54, 3%	100. 0% 109. 0% 109. 0% 25. 0% 45. 7% 45. 3% 45. 7%	410, 00 320, 00 8, 040, 00 656, 00	3, 567, 00 1, 698, 00 0, 00 0, 00 0, 00 0, 00 0, 00 6, 127, 00 6, 4%	0, 00 0, 00 80, 400, 00 0, 00 27, 26 0, 00 3, 250, 19 83, 677, 45 87, 48	0,00 0,00 0,00 984,00 824,74 1,920,00 2,155,79 5,895,53 6,23	0.00 0.00 60,300.00 534.15 468.02 1,042.80 2,979.34 65,322.32 68,3%	3, 567, 00 1, 696, 00 20, 100, 00 449, 85 385, 98 877, 20 2, 437, 64 30, 377, 66 31, 7%	3, 567. 00 1, 596. 00 60. 400, 00 984. 00 852. 00 1, 920. 00 5, 416. 98 95, 699. 98	.6, 0%
1,002 L019 L020 309346 R1007-002	Foreman Skilled Labor Unskilled Labor Of Annhormage 195, 225t 12713H (7) Power Unit (Jack), hydraulic, HP-2, pumm cam. 7-2 Concrete Hixer 4-6 ft3/min (0.11- 0.17m3/min) Grout Pumm Hiscollensous Total	ed ed ed day day tay LS	1. 50 8. 70 5. 30 10. 00 1. 50 1. 50 1. 50	0, 0%	0.0% 0.0% 0.0% 0.0% 100.0% 0.0% 3.2% 6.0%	0. 0% 0. 0% 0. 0% 0. 0% 100. 0% 96. 8%	0, 0% 0, 0% 0, 0% 75, 0% 64, 3% 64, 7% 54, 3%	100. 0% 109. 0% 109. 0% 25. 0% 45. 7% 45. 3% 45. 7%	410, 00 320, 00 8, 040, 00 656, 00	3, 567, 00 1, 696, 00 0, 00 0, 00 0, 00 0, 00 0, 00 6, 127, 00	0, 00 0, 00 80, 400, 00 27, 26 0, 00 3, 250, 19 83, 677, 46	0, 00 0, 00 0, 00 984, 00 824, 74 1, 920, 00 2, 155, 79 5, 895, 53	0. 00 0. 00 60, 300, 00 534, 15 468, 02 1, 042, 80 2, 979, 34 65, 322, 32	3, 567, 00 1, 696, 00 20, 100, 00 449, 85 385, 98 877, 20 2, 437, 64	3, 567. 00 1, 596. 00 80, 400. 00 984. 00 852. 00 1, 920. 00 5, 416. 98 93, 699. 98	6.0%
1,002 L019 L020 309346 R1007-002	Foreman Skilled Labor Unskilled Labor Unskilled Labor OC Annehorase 195,226t 12713H (T) Power Unit (Jack), hydraulic, HP-2, pumm can. 7-2 Concrete Hiter 4-8 ft3/min (0.11- 0.17m3/min) Grout Pumm Hiscolieneous Total Components (W) Unit Rate	md md md set day day tay ty ty each	1. 50 8. 70 5. 30 10. 00 1. 50 1. 50 1. 50	00.0% 100.0% 100.0% 0.0% 0.0% 0.0% 0.0%	9.0% 0.0% 0.0% 100.0% 100.0% 3.2% 0.0% 80.0%	0. 0% 0. 0% 0. 0% 0. 0% 100. 0% 96. 8% 100. 0% 40. 0%	0, 0% 0, 0% 0, 0% 75, 0% 54, 3% 54, 3% 55, 0%	100. 0% 109. 0% 109. 0% 25. 0% 45. 7% 45. 3% 45. 7%	410, 00 320, 00 8, 040, 00 656, 00	3, 567, 00 1, 698, 00 0, 00 0, 00 0, 00 0, 00 0, 00 6, 127, 00 6, 4%	0, 00 0, 00 80, 400, 00 0, 00 27, 26 0, 00 3, 250, 19 83, 677, 45 87, 48	0, 00 0, 00 0, 00 984, 00 824, 74 1, 920, 00 2, 168, 79 5, 695, 53 0, 27 569, 65	0.00 0.00 60,300,00 534.15 468.02 1,042.80 2,979.34 65,322.32 68.35 6,532.23	3, 567, 00 1, 696, 00 20, 100, 00 449, 85 385, 98 877, 20 2, 437, 64 30, 377, 66 31, 7%	3, 567. 00 1, 596. 00 60. 400, 00 984. 00 852. 00 1, 920. 00 5, 416. 98 95, 699. 98	6.0%
L002 L019 L020 M0934B R1007-002 R0711-008 R0710-000	Foreman Skilled Labor Unskilled Labor Unskilled Labor (CA Anchorase 195, 225t 12713H (T) Power Unit (Jack), hydraulic, HF-2, pumm can, 7-9 Concrete Hixer 4-8 ft3/min (0.11- 0.17m3/min) Grout Pumm Miscelleneous	md md md set day day tay ty ty each	1. 50 8. 70 5. 30 10. 00 1. 50 1. 50 1. 50	00.0% 100.0% 100.0% 0.0% 0.0% 0.0% 0.0%	Not. 0.0% 0.0% 0.0% 100.0% 100.0% 0.0% 60.0%	0. 0% 0. 0% 0. 0% 0. 0% 100. 0% 96. 8% 100. 0% 40. 0%	0, 0% 0, 0% 0, 0% 75, 0% 54, 3% 64, 7% 54, 3% 55, 0%	100, 0% 100, 0% 100, 0% 25, 0% 45, 7% 45, 3% 45, 7% 45, 0%	410. 003 320, 003 8, 040. 003 656. 00 568. 00 1, 280. 00	3, 567, 00 1, 698, 00 0, 00 0, 00 0, 00 0, 00 6, 127, 00 6, 43 612, 70	0, 00 0, 00 80, 400, 00 0, 00 27, 26 0, 00 3, 250, 19 83, 677, 45 8, 367, 35	0, 00 0, 00 0, 00 984, 00 824, 74 1, 920, 00 2, 155, 79 5, 895, 53 6, 23 6, 23 6, 23 6, 23	0.00 0.00 60,300.00 534.15 468.02 1,042.60 2,979.34 65,322,32 68.3% 6,532,23	3, 567, 00 1, 696, 00 20, 100, 00 449, 85 385, 98 877, 20 2, 437, 61 30, 377, 65 31, 7% 3, 037, 77	3,567.00 1,596.00 80,400.00 984.00 852.00 1,920.00 8,416.98 95,599.98 100.04 9,570.00	6.0%
C.002 L019 L020 M0934B R1007-002 R0711-008 R0710-000	Foreman Skilled Labor Unskilled Labor Unskilled Labor PC Anchorage (95, 226t 12713H (T) Power Unit (Jack), hydraulic, HF-2, numm can, 7-2 Concrete Hitser 4-6 ft3/min (0.11- 0.17m3/min Grout Pumm Hiscellensous	md md md set day day ts each sut hose for PC Unit md	1. 50 8. 70 5. 30 10. 00 1. 50 1. 50 1. 50 1. 00 8. tape, et apo, et a	00.0% 100.0% 100.0% 0.0% 0.0% 0.0% 0.0%	Met. 0. 0% 0. 0% 0. 0% 100. 0% 0. 0% 3. 2% 60. 0% 80. 0%	0. 0% 0. 0% 0. 0% 0. 0% 100. 0% 100. 0% 40. 0%	0, 0% 0, 0% 0, 0% 75, 0% 54, 3% 54, 3% 55, 0%	100, 0% 100, 0% 100, 0% 25, 0% 45, 7% 45, 3% 45, 7% 45, 0%	410.00) 320.00 8,040.00 656.00 568.00 1,280.00	3, 567, 00 1, 698, 00 0, 00 0, 00 0, 00 0, 00 6, 127, 00 6, 4X 612, 70	0, 00 0, 00 80, 400, 00 0, 00 27, 26 0, 00 3, 250, 19 83, 677, 45 87, 48 8, 367, 75	0, 00 0, 00 0, 00 984, 00 824, 74 1, 920, 00 2, 155, 79 5, 695, 53 6, 27, 589, 55 5, 695, 53	0.00 0.00 60,300.00 534.15 468.02 1.042.80 2.979.34 65,322.32 68.35 6.532.23 Unit:	3, 567, 00 1, 696, 00 20, 100, 00 449, 85 385, 98 677, 20 2, 437, 64 30, 377, 65 31, 7% 3, 037, 77	3,567.00 1,596.00 80,400.00 984.00 852.00 1,920.00 5,416.98 95,599.98 100.04 9,570.00	
L002 L019 L020 199346 R1007-002 R0711-006 R0710-000	Foreman Skilled Labor Skilled Labor Unskilled Labor PC Anchorase 195, 225t 12713H (T) Power Unit (Jack), hydraulic, HF-2, pumm can, 7-2 Concrete Hiker 4-6 ft3/min (0.11- 0.17m3/min) Grout Pumm Hiscolleneous Components (%) Unit Rate Hiscelleneous covers the cost forms, gro PC Cable Installation, (5-712,7, 90t) Description Foreman	md md md set day day ts  each sut hose for PC Unit md md	1.50 8.70 5.30 10.00 1.50 1.50 1.60 1.80 9. tape, e1	100. 6% 100. 0% 100. 0% 0. 0% 0. 0% 0. 0% 0. 0% 0. 0% 100. 0% 100. 0%	Met. 0.0% 0.0% 0.0% 0.0% 100.0% 0.0% 80.0% Warsal) Cor. Mat. 0.0% 0.0%	0. 0% 0. 0% 0. 0% 0. 0% 100. 0% 96. 8% 100. 0% 49. 0%	0, 0% 0, 0% 0, 0% 75, 0% 54, 3% 54, 3% 55, 0% 1, Rate %) For. 0, 0%	100. 0% 100. 0% 100. 0% 25. 0% 45. 7% 45. 3% 45. 7% 45. 0%	410.00 320.00 8,040.00 656.00 568,00 1,280.00	3, 567, 00 1, 698, 00 0, 00 0, 00 0, 00 0, 00 0, 00 6, 127, 00 6, 127, 00 6, 127, 00 1, 127, 10 1, 127, 10 1, 127, 10	0. 00 0. 00 80. 400. 00 0. 00 27. 26 0. 00 3, 250. 19 83. 677, 45 8, 367, 75 0. 00 0. 00 0. 00 0. 00 0. 00 0. 00 0. 00	0. 00 0. 00 0. 00 984. 00 824. 74 1. 920. 00 2. 155. 79 5. 895. 53 6. 895. 53 6. 895. 65 899. 65	0.00 0.00 60,300.00 534.15 468.02 1.042.80 2,979.34 65.322.32 68.33 6.532.73 Unit:	3. 587. 00 1. 596. 00 20, 100. 00 449. 85 385. 98 877. 20 2. 437. 64 30, 377. 65 31. 78 3, 037. 77 1, 00 T	3, 567. 00 1, 596. 00 80, 400. 00 984. 00 852. 00 1, 920. 00 5, 416. 98 95, 699. 98 9, 570. 00	
T0876  T0876  T0876  T0876  T0876  T0876  T0876  T0876  T0876  T0876	Foreman Skilled Labor Unskilled Labor PC Anchorage 195,2251 12713H (T) Power Unit (lack), hydraulic, HP-2, numm can, 1-9 Concrete Hitter 4-6 ft3/min (0.11- 0.17m3/min (0.11-	md md md set day day ts each sut hose for PC Unit md	1.50 8.70 5.30 10.00 1.50 1.50 1.50 1.50 1.00 8, tape, et	100. 0% 100. 0% 100. 0% 0. 0% 0. 0% 0. 0% 0. 0% 0. 0% 0. 0%	Met. 0. 0% 0. 0% 0. 0% 100. 0% 0. 0% 3. 2% 60. 0% 80. 0%	0. 0% 0. 0% 0. 0% 0. 0% 100. 0% 100. 0% 40. 0% 40. 0% Uni	0, 0% 0, 0% 0, 0% 75, 0% 54, 3% 54, 3% 55, 0%	100, 0% 100, 0% 100, 0% 25, 0% 45, 7% 45, 3% 45, 7% 45, 0%	410. 00) 320. 00) 8, 040. 00) 656. 00 568. 00 1, 280. 00)  Total (PP) 676. 00 410. 00	3, 567, 00 1, 698, 00 0, 00 0, 00 0, 00 0, 00 0, 00 6, 127, 00 6, 4% 612, 70	0. 00 0. 00 80. 400. 00 0. 00 27. 26 0. 00 3. 250. 19 83. 677, 45 87. 45 88. 367, 75	0, 00 0, 00 0, 00 984, 00 824, 74 1, 920, 00 2, 155, 79 5, 695, 53 6, 27, 589, 55 5, 695, 53	0.00 0.00 60,300.00 534.15 468.02 1.042.80 2.979.34 65,322.32 68.35 6.532.23 Unit:	3, 567, 00 1, 696, 00 20, 100, 00 449, 85 385, 98 677, 20 2, 437, 64 30, 377, 65 31, 7% 3, 037, 77	3,567.00 1,596.00 80,400.00 984.00 852.00 1,920.00 5,416.98 95,599.98 100.04 9,570.00	

													8			
<b>1</b> 0677	PC Cable Anchorage, (5-Ti2.7, 90t) fo	- PC B	av Girder	(Transver	-==1)								Unit:	10.00	each	
Izem No.	Description	Unit				у пролепт	nit Rate		Total			Ar Component (PA	rount	19, 90	Total	Remarks
LOID	Skilled Labor	md	2.10	Lab.	Mat. 0.0%	Equip,	For.	Local 100.0%	(PP) 410, 00	Labor 861.00	Material 0.00	Equipment 0.00	Foreign	Loca) 861.00	(PP) 861,00	
M09363	PC Anchorage 632 (T) Migcellaneous	set LS	10.00	0.0%	100, 0% 60, 0%	0.05	75,0%	25.0%	1, 250, 00	0, 00 0, 00	12, 500, 00 2, 084, 32	0, 00 l, 389, 54	9, 375, 00	3, 126, 00 1, 563, 24	12, 500, 00	
	Total Commonents (%)	-								861,00	14, 584, 32 86, 6%	1, 389, 54 8, 3%	11, 285, 62 67, 0%	5, 549, 24 33, 0%		
	Unit Rate Niscellaneous covers the cost forms, gr	_each	ie, tape, e	tc.		I	L:			5, 1% 85, 92	1, 455. 41	138, 67	1, [26, 23]	553.77	1, 680, 00	
0678	PC Cable Tensioning, (5-T12.7, 90t) f				raal)								Unit:	10.00	each	
ftem No.	Description	Unit	Quantity	-		<u>Ս</u> որօղբու	nit Rate		Total			An Component (PP	ount .		Total	Remarks
L002	Foreman	mel	1.10	Lab,		Equip.	For.	Local 100.0%	(PP) 576.00	Labor 633, 60	Material 0,00	Equipment 0.00	Foreign 0.00	Local 633, 50	(PP) 633, 60	
L019 L020	Skilled Labor Unskilled Labor	nd ba	5.00	199.9%	0.0% 0.0%	0.0%	0.0%	100.0%	410.00 320.00	2,050.00	0,00	0.00 0,00	0.00	2,050,00 672.00	2, 050, 00 672, 00	
M09343	PC Sheath. ¢75 Power Unit (Jack), hydraulic, HP-2,	m	10.00	0.0%	100.0%	0.0%	65.0%	35.0%	160, 00	0.00	1, 500. 00	0.00	975, 00	525.00	1, 500. 00	
R1007~002	рито сав. 7-9	đay	1. 10	0.0%	0, 0%	1	1		656.00	0.00	0,00	721,60	ł I	329. 89	721.60	
RO711-006 RO710-000	Concrete Mixer 4-6 ft3/min (0.11-   0.17m3/min)	day	1.10	I	3, 2% 0, 0%			45. 3% 45, 7%	568. 00 1. 280. 00	0.00	19, 99 0, 00	604, 81 1, 408, 00	341.75 784.72	283, 05	624, 80 1, 408, 00	Ì
KU/1U~000	Miscellaneous	dav 1,S	1.00		60,0%		54.3% 55,0%	45,0%	1. 280. 00	0.00	410.94	273.96 3.008.37	376, 70	643, 28 308, 21	584, 90	9,0%
	Total Components (%)						<b></b>			3, 355, 60 40, 5%	23.3% 192,98	36, 3%	2, 849, 68 34, 4% 284, 82	5, 445, 02 65, 6%	6, 294, 90 LOO, 0%	
	Unit Rate Miscellaneous covers the cost forms, gr	out hos	e, tape, o	tc.			<u> </u>	L	l. <del></del>	335, 36	192, 981	300, 66	284, 821	511, 18	829,00	L
661	PC Bar Installation, (1- #32mm) for P	C Box G	irder (Tr	naversal	)								Unit:	1.00	<u> </u>	
Itom Na.	Description	Unit	Quantity		Ço	aponent	(%)		Total			Component (PP			Total	Remarks
1.002	Foreman	md	1.60		. Mat. 0.0%	Equip. 0.0%	For. 0.0%	Local 100, 0%	(PP) 676. 00	Labor 921.60	Material 0,00	Equipment 0.00	Foreign 0.00	Loca] 921.60	(PP) 921,60	
L019 L020	Skilled Labor Unskilled Labor	md md	13.50 1.50	100.0%	0.0% 8,0%	∮ 0.0%	0.0%		410.00 320,00	5, 576, 00 2, 408, 00	0. 00 0. 00	0, 00 0, 00	0.00	5, 676, 00 2, 400, 00	5, 576, 00 2, 400, 00	
M09313 R0402-025	PC Tendon. 632 Truck Crane. Hydraulic 21-25t	kg hr	1, 000.00 2, 86	0,0%	100.0% 6.8%	0.0% 87.6%	70,0% 52.0%	30, 0%	136, 00 1, 330, 00	0.00 213.01		0.00 3,332,13	95, 200. QO	40, 800, 00 1, 827, 29	136, 000, 00 3, 803, 80	
	Miscellaneous Total	ĹŠ	1,00		80, 0%		55.0%			9, 110, 61	7, 137, 67 143, 396, 33	1, 784, 42 5, 116, 55	4, 907, 15 102, 083, 66	4, 014, 94 65, 639, 82	8, 922, 08 157, 623, 48	6.0%
	Components (%)	<u> </u>								5, 8% 9, 132, 38	91, 0%	3, 2% 5, 128, 77	64. 8% 102, 327. 51	35, 2% 55, 672, 49	158, 000, 00	
*	Miscellaneous covers the cost for sheat	hs, gro	ut, tape,	additiona	l bars,	binding	wire, et	с.	<del></del>	9, 102, 00	144, (30, 89)	2, 124, 11,	102, 521, 821	59, 512, 45	100,000,00	
892	PC Bar Anchorage, (1- \$32mm) for PC B	ox Gird	er (Trans)	(ersal)			it Rate						Unit:	10,00	oach	
Item No.	Description	Unit	Quantity			проделя.	(%)		Total			Component (PP	)		Total	Romarks
LO18	Skilled Labor	and	1.10	Lab. 100.0%	0.0%	Equip. 0.0%			(PP) 410.00	Labor 451, 00	Materia) 0.00	Equipment 0.00	Foreign 0.00	151.00	(PP) 451.00	
M09374	PC Anchorage & 32 (F)	set I.S	10,00 1,00		100. 0% 60. 0%	0,0% 40,0%		25.0% 45.0%	t, 520. 00	0, 00 0, 00	15, 200, 00 1, 502, 50	0, 00 1, 001, 66	1, 377, 29	3,800.00 1,126.87	15, 200, 00 2, 504, 18	16.0%
	Total Companents (%)									451.00 2,5%	16,702,50 92,0%	1, 001, 66 5. 5%	70, 4%	5, 377, 87 29, 6X	18, 155, 16 100, 0%	
	Unit Rate Miscellaneous covers the cost forms, gr	each out hos	e. tape, e	ic.			L			45, 21	1, 674, 371	100.41	1,280.88	539, 12	1, 820, 00	
683	PC Bar Tensioning, (#32mm) for PC Bo	x Girde	r (Transve	rsal)									Unit:		each	
Item No.	Description	Unit	Quantity		Cor	Un mponent	(%)		Total			Am Component (PP	nunt		Total	Remarks
L002	Fareman	md	0.80	Lab, 100.0%	Mat. 0.0%	Equip. 0.0%	For.	Local 100.0%	(PP) 576.00	£abor 460. 80	Haterial 0.00	Equipment 0,00	Foreign 0.00	Local 460.80	(PP) 460, 80	
LG19	Skilled Labor Ungkilled Labor	nd nd	4. 60 2. 00	100.0%	0.0%	0.0%	0.0%	100.0%	410,00 320,00	j, 886. 00 640, 00	0.00 0.00	0, 00 0, 00	0.00 0.00	1,686,00 640,00	1, 686. 00 640. 00	
M09364	PC Anchorage 632 (T) Power Unit (Jack), hydraulic, HP-2,	set	10.00	0,0%	100.0%	0.0%	75.0%	25. 0X	1, 250, 00	0.00	12, 500, 00	0.00	9, 375. 00	3, 125, 00	12,600.00	
11007-002	bump cap. 7-9 Concrete Mixer 4-6 ft3/min (0.11-	day	0.80	0.0%	0.0%	100,0%	64.3%	45. 7X	656.00	0. 00	Q, DG	524. 80	. 284, 88	239. 92	524, 80	
10711-006	0. (7m3/min)	day	0.80 0.80	0.0%	3. 2% 0. 0%	96, 8% 100, 0%	64. 7%	45. 3% 45, 7%	\$68,00	0.00	14. 54 0. 00	439. 86	248. 54 558. 16	205, 86	454, 40	•
10710-000	Grout Pump Miscollangous	day I,S	1,00	0.0%	60,0%	40.0%	54.3% 55.0%	46.0%	I, 280. GO	0,00	314, 82	1, 024, 00 209, 88	288, 59	467. 84 236, 12	1, 024, 00 524, 70	3, 0%
	Components (M)									2, 986, 80 16, 6%	12, 829, 36 71, 2%	2, 198, 54 12, 2%	10, 753, 17 69, 7%	7, 261, 53 40, 3%	18, 014, 70 100, 0%	
	Unit Rate Miscellaneous covers the cost forms, gro	each out hos	e, tape, et	ic,		L.,.				298. 44	1, 281, 89	219. 671	1,074,44	725, 56	1, 900, 00	
688	PC Bar Installation, (1-#32mm) for PC	C Box G	jyder (Ver	tical in	Teb)								Unit	1.00	1	
tem No.	Description	Unit	Quantity		Con	Un nponent	it Rate		Total			Ame Component (PP)	ouht )		Total	Remarks
L002	Foreman	nd	1.60	Lab. 100.0%	Nat. 0.0%	Equip.	For 0.0%	Local 100.0%	(PP) &76.00	Labor 921.60	Material 0.00	Equipment 0,00	Foreign 0.00	Loca] 921, 60	(PP) 921.60	
L019 L020	Skilled &abor Unskilled Labor	md md	13, 60 7, 50	100.0%	0.0% 0.0%	0.0%		100.0%	410, 00 320, 00	5, 576, 00 2, 400, 00	0. 00 0. 00	0. 00 ļ D, 00 į	0. 00 0. 00	5, 576, 00 2, 400, 00	5, 576. 00 2, 400, 00	
1109313 10402-025	PC Tendon. 432 Truck Crane. Hydraulic 21-25t	kg hr	1, 000. 00 2, 86	0.0% 6.6%	100, 0% 6. 8%	0, 0% 87. 6%	70.0% 52.0%	30.0% 48.0%	136. 00 1, 330. 00	0, 00 213. 01	136, 000, 00 268, 66	0, 00 3, 332, 13	95, 200, 00 1, 976, 51	40, 800, 00 1, 827, 29	136, 000, 00 3, 803, 80	
	Miscellaneous Total	LS.	1,00	6.0%	80, 0%	20, 0%	55.0%	45.0%		9, 110. 61	7, 137, 67 143, 396, 33	1, 784, 42 5, 116, 55	4, 907, 16	4, 014, 94 55, 539, 82	8, 922, 08 157, 823, 48	6.0%
	Components (%) Unit Rate	<u> </u>								5. 8% 9, 132, 38	91.0%	3, 2% 5, 128, 77	64, 8%	35, 2% 55, 872, 49	100.0% 158,000.00	
	Miscellaneous covers the cost for sheath	is, gro	ıl, lape, t	dditions	bars,	binding	wire, etc	<u>.</u>								
1687	PC Bar Anchorage, (1- \$32mm) for PC Bo	S Gird	er (Vertic	al in Feb	)	IJ <sub>n</sub>	it Rate		····			ļa.	Unit:	10, 00	each ;	
ltem No.	Description	Unit	Quantity	Lab.		popent Equip.		Local	Total (PP)	Labor	Material	omponent (PP)	Foreign	[age]	Total (PP)	Remarks
L019 M09314	Skilled Labor PC Anchorage 6 32 (F)	nd set	1, 10	100,0%	0.0%	0, 0% 0, 0%	0.0%	100.0% 25.0%	410,00 1,520.00	451. 00 0, 00	0.00 16,200,00	0, 00 0, 00	0, 00 31, 400, 60	451,00 3,800,00	451.00 15, 200, 00	
MOST 14	Miscellaneous	I.S.	10.00	0.0%	60.0%	40.0%		45.0%	1, 020.00	0.00	16, 200, 00 1, 502, 50 16, 702, 50	1,001.66	1, 377, 29	1, 126, 87	2, 504, 16	16,0%
	Tota Components (%)									451,00 2.5%	92.0%	1, 001, 66 5, 5%	70, 4%	6, 377, 87 29, 6%	18, 155, 16 100, 0%	
	Unit Rate Biscellaneous covers the cost forms, gro	[ each   out hose	, tape, at	c.					<u></u>	45. 21	, 674. 37	100, 41	1, 280. 86	539, 12	1,820.00[	
688	PC Bar Tensioning, (1- #32mm) for PC E	ox Gire	der (Verti	cal in Fe	ib)								Unit:		pach	
tem No.	Description	Unit	Quantity		Com	pahent (	t Rate (%)		Total			omnohent (PP)	ount		Total	Remarka
Ĺ002	Foreman	nd	0.80	l.ab.		Equip. Q. D%	For. 0.0%	ocal (00.0%	(PP) 576.00	Labor 460, 80	Mareria 0.00	Equipment 0,00	Foreign 0,00	Local 460, 80	(PP) 460, 80	
LOIS	Skilled Labor Unskilled Labor	nd nd	4. 60 2. 00	100.0%	0.0%	0.0%	0,0%	100, 0% 100, 0%	410.00 320.00	1, 886, 00 640, 00	0, 00	0, 00 0, 00	0. 00 0. 00	1, 886, 00 640, 00	1, 685, 00 640, 00	
109354	PC Anchorage & 32 (T)	sot	10.00	0.0X	100.0%	0.0%	75.0%	25. 0%	1, 250, 00	0, 00	12.500.00	0. 00	9, 376. 00	3, 125, 00	12, 500, 00	
1007-002	Power Unit (Jack), hydraulic, HP-2, numb can. 7-9	day	0.80	0, QX	0.0%	100,0%	54.3%	45.7%	656, 00	0.00	0.00	524. 80	284. 88	239, 92	524. 80	
0711-006	Concrete Mixer 4-8 ft3/min (0.1]~ 0.17m3/min)	day	0, 80	0.0%	3. 2%	96.8%	54. 7%	45.3%	\$68,00	0.00	£4. 64	439, 86	248. 54	205, 86	464.40	
0710-000	Grout Pump Wiscellaneous	day LS	0. 80 1. 00	0. 0% 0, 0%	0. 0% 60. 0%	100, 0% 48, 0%	54.3% 55.0%	45.7% 45.0%	1,280.00	0.00 0.00	0.00 314.82	1, 024, 00 209, 88	556, 16 288, 59	467, 84 236, 12	1, 024, 00 524, 70	3.0%
	Total Components (%)									2, 986, 80 16, 6%	12, 529, 36	2, 198, 54	10, 753, 17 59, 7%	7, 261, 53 40, 3%	18, 014, 70 100, 0%	
	Unit Rate	each				7				298, 44	1.281.69	219.67	1. 074. 44	725 56	1, 800, 00	

Miscellaneous
Total
Components (%)
Unit Rate
Miscellaneous covers the cost forms.

W0701	Precest Concrete Cover (580x480x70)	(urnis)	٠										Unit:	100.00 é	ach	
Item No.	Description	Unit	Quantity	7.	Co	mponent	It Rate		Total	1-6-2- 1	C	Amo omponent (PP)			Total	Remarks
W0204	Concrete (Class C. 21MPs, max agg, 12mm) Concrete Pouring by Pump Vehicle	m3	1,76		3laτ. 83. 2%		For. 57. 0%		(PP) L, 680, 00	66, 98	2, 460, 16	Equipment 429.66	Foreign 1,686.64	Local (, 270, 16	(PP) 2, 956, 80	Loss 2.0%
W0232 W0237	(reinforced concrete) [Concrete Curing (reinforced concrete)	m3 m3	1.73		0. 2% 7, 6%	84.0% (7.8%)	45.0% [4.0%		258, 00 4, 29	70, 39	0.88	375. DB	201.01	245. 33 6, 38	446, 34 7, 421	
M02001	Reinforcing Bars. Grads 40 Structural Steel (Round Bar, SS400)	kg kg	305, 40 104, 20	Q. 0%	100.0%	0,0% 0.0%	65.0% 70.0%	35.0%	16.00 21.80	0.00 0.00	4, 886, 40 2, 271, 56	0. 00 0. 00	3, 176, 16 1, 590, 09	1.710,24 681,47	4, 886, 40 2, 271, 58	-
M02014 R0501-003	Structural Steel (Shenes: SS400) Dumo Truck: 3.0-6.0 cu-vds (2.3-4.6m3)	ke hr	38. 40 0. t4	8. 0N	100, 0%	0.0% 67,1%	70.0% 48.9%	30,0%	17. 60 447. 60	0, 00 B, 87	675, 84 12, 02	0.00 41.99	473. 09 30, 59	202. 75 31, 99	675, 84 62, 58	
	Miscellaneous	LS	1,00	0, 0%	80, 0%	20.0%	50.03	50.0%		0, 00 [5], 48	271, 37 10, 578, 78	67.84 915.89	169, 60 7, 328, 22	169, 60 4, 317, 93	339. 21 11, 646. 15	3.0%
	Components (%) Unit Rate	each								1, 3% 1, 51	90. 8% 105. 37	7. 9% 9. 12	62. 9X 72. 99	37, 1% 43, 01	100,0% 116,00	
	Miscellaneous covers the cost forms, no						•									
W0702		[nstell				Un	it Rate					Amot	Unit:	100.00 e		
LOO2	Description	Unit	Quantity 0,30	Lab. 100. 0X	Mat, 0.0%	Equip. 0.0%	For. 0.0%	Local 100.0%	Total (PP) 576, 00	Labor 172, 80		Equipment (PP)  COD	Foreign 0.00	Local 172, 80	Total (PP) 172, 80	Remerks
L020	Foremen Unskilled Labor Miscellaneous	nd 23	2.40	100.0%	0.0%	0, 0% 90, 0%	0.0% 50.0%	100.0%	320.00	768. 00 0, 00	0.00 11.29	6.00 9.00	0, 00 56, 45	768, 00 56, 45	768. 00 112. 90	12, 0%
	Total Components (%)			0.00	10.04	30.04	50. CA	30. 74		940, 80 89, 3%	11.29	101.61	56, 45 6, 4%	997, 25 94, 6%	1,053.70 100.0%	16.04
	Unit Rate Miscelleneous covers the cost for cert,	etc.								9. 38	0, 11	1,01	0.56	9. 94	10.50	
¥0703	Precast Concrete Cover (680x560x75).			_								<u> </u>	Unit:	100, 00 e	ach	
Item No.	Description	Unit	Quantity		Çor	pohent (	(t Rate		Total			Аток опродель (РР)			Total	Remarks
W0204	Concrete (C)asa C. 21MPa. max asg. 12mm)	.m3	3, 02	Lab. 2.3%	83, 2%	Equip. 14, 5%	For. 57.0%	43.0%	(PP) 1, 680. 00	Labor 114. 93	<u>Heterial</u> 4, 221, 41	737, 25	Foreign 2, 894, 12	2, 179, 48	(PP) 5, 073. 60	Loss 2.0%
¥0235	Concrete Pouring by Manpower for small structures	#3	2,96	)	0.2%	1.8%	1.1%	98, 9%	226.00	661. 65	t.32	11.91	7. 28	667, 60	674. 88	
W0237	Concrete Curing (reinforced concrete) Reinforcing Bars, Grade 40 Structural Sceel (Round Bar, SS400)	kg	2, 96 607, 30 38, 40		7. 6% 100. 0%	17.8% 0.0% 0,0%	65. 0%		4. 29 16. 00 21. 80	9, 48 0, 00 0, 00	0 97 9 716 80 637 12	2. 26 0. 00	6, 315, 92	10. 93 3, 400, 88	12.70 9.716,80	
MO2011 MO2014 ROS01-003	Structural Steel (Shaper, SS400) Dump Truck, 3.0-6.0 cu-vds (2.3-4.6m3)	kg kg hr	104, 20		100.0% 100.0% 19.2%	6.0% 67.1%	70.0% 70.0% 48.9%	30.0%	17.60 447.00	0. 00 14. 70	1,833,92 20,60	0.00 0,00 71,98	585. 98 1, 283. 74 52, 44	251. 14 550, 18 54. 84	837, 12 1, 833, 92 107, 26	
10001-000	Miscellaneous Total	<u>is</u>	1.00	0, 0%	90, OX	20, 0%	50,0%		711.00	0.00 800.75	438. 15 17, 070, 29	109, 54 932, 94	273.84	273. 84 7, 388, 88	547, 69 	3. 0%
	Components (Y) Unit Rate	each								4, 3%	90, 8% 170, 67	5. 0% 9. 33	60. 7X	39. 3% 73. 87	100,0% 188,00	
	Miscellaneous covers the cost forms, mo	ılds, p								·			11018	10.011	145 701	
<b>#0704</b>	Precest Concrete Cover (680x580x75), i	nstall	mtion			Uni	t Rate					Алоч	nt Unit:	100, 00 ea	och	
Item No.	Description	Unit	Quantity	Lab.	Mas,	Equip.	%) For.	(.ocn)	Total (PP)	Labor	Material	enponent (PP) Equipment	Foreign	Loca	Total (PP)	Remarks
1,002 L020	Foreman Unskilled Labor	nd nd	0.30 2.40		0, 0% 0, 0%	0, 0% 0, 0%	0.0%		676, 00 320, 00	172. 80 769. 00	0.00 0.00	0.00	0,00	172, 80 768, 00	172.80 768.00	
	Niscellaneous Total	LS	1.00	0,0%	0.0%	100.0%	50, 0%	50.0%		940.80	0.00	112.90	56, 45 56, 45	56, 45 997, 25	[12, 90] [, 053, 70]	12,0%
	Components (%) Unit Rate Hiscellaneous covers the cost for cart,	esch esc.	· ·							89. 3% 9. 38	0.0% 0.00	10. 7x 1. 13	5. 4% 0. 56	94. 6% 9. 94	100.0%	
W0711	Iron Step for Drop Inlet Manholes, fur		fnatallat	ine									Unit:	100, 00 ea	ıch .	
Item No.	Description	Unit	Quentity		Con	Uni panent (	t Rate		Total		Co	Amou		199,000	Total	Remarks
L002	Foreman	ned	0, 10	Lab. 100, 0%	Ma1. 0.0%	Equip. 0.0%	For. 0.0%	Local 100.0%	(PP) 576, 00	abor 57, 60	Material 0.00	Equipment 0,00	Foreign 0,00	Loca 57, 60	(PP) 57, 60	, , , , , , , , , , , , , , , , , , ,
L020 M02011	Unskilled Labor Structural Steel (Round Bar, SS400)	and kg	1, 30 226, 90		0.0% 100.0%	0.0%	9, 0%		320,00 21,80	416.00 0.00	0.00 4,946.42	9.00	0.00 3,462,49	416, 00 1, 483, 931	416, 00 4, 946, 42	
	Miscellaneous Total	LS	1.00	0.0%	20.0%	80, 0%	50.0%	50, 0%		0, 00 473, 60	86. 72 5, 033. 14	346, 88 346, 88	216, 60 3, 679, 29	216, 80 2, 174, 33	433, 60 6, 853, 62	8.0%
	Components (%) Unit Rate	each								8, 1% 4, 73	86.0% 50.30	5, 9X 3, 47	62. 9% 36. 77	37, 1% 21, 73	100, 0% 58, 50	
	Miscellaneous covers the cost for cutter															
70712	Iron Step for Special Junction Box Man	Unit		install		Uni ponent (	t Rato		Total			Amou	Unit:	100, 00 ez		P
LOO2	Description Foresen	md	Quantity 0.10	Lab. 100.0%	Mat. 0.0%		For, 0.0%	Local 100, 0%	(PP) 576, 00	57, 60		mponent (PP) Equipment 0,00	Foreign 0,00	Local 57, 60	Total (PP) 67, 60	Remarks
1,020	Unskilled Lebor Structural Steel (Round Bar, \$\$400)	nd kg	1, 30 209, 60	100.0% 0.0%	0.0X 100.0X	0. 0% 0. 0%	0. 0% 70. 0%	100. 0X 30. 0X	320.001 21.80	416.00 9.00	0,00 4,569,28	0, 00 0, 00	0. 00 3, 198, 50	416, 00 1, 370, 78	416,00 4,869,28	1
	Miscellaneous Total	LR	1.00	0.0%	20.0%	80,0%	50, 0%	50.0%		0.00 473,60	80.69 4.649.97	322, 74 322, 74	201. 72 3, 400. 21	201. 72 2, 046. 10	403. 43 5, 446, 31	8.0%
	Components (%) Unit Bate	each								8. 7% 4. 74	85, 4% 46, 53	5.9% 3.23	62.4% 34.03	37, 6% 20, 47	100.0% 54.50	
	Miscellaneous covers the cost for cutter			Maint, et	c							-				
#0716	Steel Grate for Manhole Inlet, furnish		ĺ			Unj	t Rate	<del></del>	Tabel			Amou:	Unit:	40. 00 ks		Pauratio
Item No.	Description	Unit	Quantity 0.10	Lab.	Mat,	Equip.	For.	Loca) 100, 0%	Total (PP) 578,00	Labor 57, 60	Material 0.00	mpanent (PP) Equipment	Foreign 0.00	Local 57 60	Total (PP) 67, 60	Remarks
1.020	Foreman Unskilled Labor Reinforcing Bars, Grade 40	nd Ind kg	1. 30 41. 20	100, 0% 100, 0% 0, 0%	0.0% 0.0% 100.0%	0.0% 0.0% 0.0%	0. 0% 6. 0% 65, 0%	100, 0%	320.00 18,00	416,00 0.00	0.00 0.00 659, 20	0, 00 0, 00 0, 00	0. 00 0. 00 428. 48	57. 60 416. 00 230. 72	416.00 659,20	Lass 3.0%
	Hiscellaneous  Total	ĽŠ_	11.20	0, 0%	10,0%	90, 0%	50.0%	50.0%	20, 00	0.00 0.00 473.60	9. 06 668. 26	81, 56 81, 56	45, 31 473, 79	45, 31 749, 53	90, 62 1, 223, 42	8.0%
	Components (%) Unit Rate	kя								38.7% 11,85	54. 6% 16, 71	6. 7% 2, 04	38.7%	61. 3% 18. 75	100, 0%	•
	Miscellaneous covers the cost for cutter	, benda			it, cart,	etc.		•								
T0721	Grating Cover for U-Ditch (F-300mm), f			tion		Uni	t Rate			-		Amou	Unit:			
Item No.	Description	Unit	Quantity	Lab.	Mat.	ponent (	χ) For,	Local	·Total (PP)	Labor	Material	mponent (PP) Equipment	Foreign	Local	Total (PP)	Remarks
1.002 1.009	Foreman Welder	nd nd	0, 10 1, 30	100,0%	0.0%	0, 0% 0, 0%	0.0%	100,0%	576.00 509.00	57, 60 661, 70	0.00	Q. 00 Q. 00	0, 00 0, 00	67, 60 661, 70	67.60 661.70	_
102014	Unskilled Lebor Structural Steel (Shapes, SS400)	nd kg	205. 50 260. 20	100.0% 0.0%	0.0%	0.0%	0, 0% 70, 0%	30.0%	320.00 17.60	320, 00 0, 00	0,00 3,634.40	Q. 00 Q. 00	0.00 2,544.08	320, 00 1, 090, 32	320, 00 3, 634, 40	
M02012 M02001	Structural Steel (Flat Bar, SS400) Reinforcing Bars, Grade 40	kg kg LS	269, 20 24, 47 1, 00	0.0% 0,0% 0.0%	100.0% 100.0%	0.0% 0.0% 50.0%	70.0% 65.0% 50.0%	30, 0% 35, 0% 50, 0%	22, 70 16, 00	0, 00 0, 00 0, 00	6, 130, 84 391, 52 111, 76	0.00 0,00 111,76	4, 277, 59 254, 49 111, 76	1, 633, 25 137, 03 111, 76	6, 110, 84 391, 52	2, 0%
	Miscellaneous Total Components (%)	LO		U. U%	50. OK	30.00		. JU. UKI		1,039.30 9.1%	10, 248, 52	111.76	7, 187, 92 63, 1%	4, 211, 66 36, 9%	223, 52 11, 399, 58 100, 0%	4,01
	Unit Rate Miscellaneous covers the cost for cutter	, pend	r, wedding	machine	yeldina	rod.	rl. etc			103, 93	89.96 1,024.89	1.0% 11.18	719.62	421, 18	1, 140, 00	
V0731	Rubble Concrete			4-111 ha					<u> </u>			·	Unit:	100.00 m3		<u> </u>
Item No.	Description	Unit	Quantity		Сом	Uni panent (1	t Rate_ K)		Total		Co	Amous			Total	Remarks
L002	Foreman	ad	0.30	Lab. 100.0%	Mat. 0.0%	Equip. G. OX	For O. DX	Loca 1 100, 0%	(PP) 676, 00	Labor 172, 80	Material 0.00	0.00	Foreign 0.00	Loca) 172, 80	(PF) 172, 60	
L019 L020	Skilled Labor Unskilled Labor	and and	0. 00 0. 36	100.0%	0.0%	0, 0% 0, 0%	0, 0% 0, D%	100, 0% 100, 0%	410.00 320.00	0.00 LLS.20	0.00	0, 00 0, 00	0, 00 0, 00	Q, 00 115, 20	0.00 115.20	
W0122 R0102-061	Crushed Aggregate, transported Backhoe, hydraulic, crawler, 0.61m3	m3 hr	67.80 5.22	9.2%	15, 5% 8, 4%	75, 3% 87, 1%	47.0% 52.9%	53, 0% 47, 1%	258.00 1,740.00	1, 611, 43 408, 73	2, 714, 81 762, 96	13, 166, 16 7, 911, 12	8, 217, 24 4, 802, 86	9, 275, 16 4, 279, 94	17, 492, 40 9, 082, 80	Loss 13.0%
W0202	Concrete (Class B. 17MPs, max mes, 50mm) Concrete Pouring by Pump Vehicle (plain	m3 m3	40. 80 40. 00	2. 9%  9. 1%	77. 5% 0. 2%	19. 6% 80. 7%	56, 2% 43, 3%	43, 8% 56, 7%	1. 360, 00 214, 00	1, 627, 28 1, 632, 33	42, 978, 70 16, 78	10, 882, 02 6, 910, 88	31, 187, 32 3, 704, 04	24, 300, 68 4, 855, 96	55, 488. 00 8, 560, 00	Loss 2.0%
W0236	concrete) Concrete Curing (u)min concrete)	m3	40.00	70.9%	8.7%	20. 4X	16.0%	84. 0%	9. 02	255, 89	31.47	73.44	67.70	303. 10	360. 80	
<del> </del>	Miscellaneous Total	_LS	1.00	0, 0%	60,0%	40. 0X	50,0%	50.0%	<del></del>	0,00 5,823,65	1, 095, 26 47, 599, 99	730, [8 39, 673, 80	912,72 48,881.88	912.72	3, 625, 44 93, 097, 44	2.0%

T0732	Granular Bedding for Rubble Concrete		<del></del>	,			7- 0		·····				Uniti	10.00	m3	
Item No.	Description	Unit	Quantity			mponent	it Rate (%)		fotal	<u> </u>		Component (PP)			Total	Remarks
L019	Skilled Labor	nd	0.30		Mat 0. 0%		For, 0, 0%		(PP) 410, 00	123.00	Material 0.00	Equipment 0.00	Foreign 0.00	123. 00	(PP) 123, 00	
L020 W0122	Unskilled Labor  Crushed Aggregate, transnorted	md m3	2. 20 12. 00		0.0% 15.5%	0.0% 75.3%			320.00 258.00	704, 00 265, 21	0, 00 480, 50	0, 00 2, 330, 29	0, 00 L. 454, 38	704, 00 1, 641, 62	704, 00 3, 096, 00	Loss 20.0%
	Miscelleneous Total	LS	1.00	9,0%	20.0%	80,0%	50.0%	50,0%	<del></del>	0,00	(6, 69 496, 19	62, 77 2, 393, 06	39, 23 1, 493, 61	39. 23 2, 507, 85	78,46 4,001,46	2.0%
	Components (V) Unit Rate	m3				$\vdash$				27. 6'6 111. 18	12. 4% 49. 60	59. 8% 239. 22	37. 3% 149, 31	62, 7% 250, 69	100.0%	
	Miscellaneous covers the cost for compa		ημίρπ <b>e</b> nt,	fuel, et	:											
r0733	Washout Prevention Filter, furnish an	d layl:	P8	<del></del>		- 102	1. 0						Սդեմ	10,00	m2	
item No.	Pagoription	Unic	Quantity			թրգոցո <b>ւ</b>			Total			Component (PP)	ount		Total	Remarks
L020	Unskilled Labor	ad	0.06	Lab, 100, 0%		Equip. 0. 0%	For. 0.0%	[.oca] [00,0X	(PP) 320, 00	Labor 19. 20	0,00	Equipment 0.00	Foreign 0,00	Local 19, 20	(PP) 19, 20	
1110202	Filter Cloth Miscellangous	m2 LS	10.70			0.0% 90.0%	60.0% 50.0%	40. 0% 50, 0%	82, 30	0, 00 0, 00	980. 61 1. 80	0.00 16,20	\$28.37 9,00	352, 24 9, 00	980. 61 18. 00	Loss 7.0% 2.0%
	Total Components (%)		-							19, 20 2, 1%	882, 41 96, 1%	16. 20	537, 36 58, 64	380.44 41.5%	917.81	
	Miscellaneous covers the costs for mino	m2 f tools	etc.	L		Γ				1, 92]	88, 26	52	53. 75	38, 05	91 60	
W0741	Grouted Riprap Class A												Սոյւ		m3	
ltem No.	Description	Unit	Quantity		Ċo	Un mponent	it Rato (%)		Total			Amx Component (PP)	unt.		Total	Remarks
L002	Forensn	md	0.30	Lab. 100.0%	Mat. 0, 0%	Equip. 0.0%	For. 0.0%	Local 100.0%	(PF) 576, 00	Labor 172, 80	Material 0,00	Equipment 0.00	Foreign 0.00	Local 172.80	(PP) 172, 80	(tolear (to
F050	Unskilled Lebor	md	2, 20	100.0%	0.0%	0.0%	l c.ox	100.0%	320, 00 (97, 00	704.00	0, 00	0.00	0.00	704, 00	704.00	1 00 00
W0129 W0221	Gravel/Stone, transported Mortar (1:3)	an3	2.55		93.8%	4.5%	58. t%	41, 9%	1, 820. 00	210. 07 77. 11	330. 47 4, 352. 78	1, 232, 47 211, 11	794, 75 2, 694, 68	978. 26. 1, 946. 42	1, 773, 00 4, 641, 00	Loss 20,0%
	Misrellaneous Total	LS	1.00	9, 0%	0.0%	100.0%	50.0%	50.0%		0, 60	0,00 4,683.24	72, 91 1, 515, 49	35, 45 3, 525, 78	36, 45 3, 837, 93	72.91 7.363.71	1.0%
	Components (%) Unit Rate	m3	<u> </u>	<u> </u>						15.8% 116.34	63, 6% 468, 09	20.6% 151.57	47, 9% 352, 40	52, 14 383, 60	100,0% 736,00	
	Miscellaneous covers the cost for scoop Proportion of morter and aggregate		i. broom, 25.0%													
<b>T</b> 0742	Stone Masonry, laid		· · · ·										Unit:	<u>(0.00</u> )	m3	
Item No.	Description	Unit	Quantity	ļ	Co	Un mpohént	il Rate	- 1	Total			Amc Component (PP)	unt		Total	Remarks
1.002	Foreman	nd	0.30	1,ab. 100, 03		Equip.	For.	Local 100 0X	(PP) 576.00	Labor 172, 80	Material 0.00	Equipment (	Foreign 0,00	Loca] [72, 80]	(PP) 172.80	
L007 L020	Masonsv	₽d	0. 60 2. 20	100,0% 100,0%	0. 0% 0. 0%	0.0%	0.0%	100,0%	471.00 320.00	282, 60 704, 00	0, 00	0, 00 0, 00	0. 00 0. 00	282,60 701,00	282, 60 704, 00	
WG129	Unskilled Labor Gravel/Stone, transported	84 83	8.40	11.8%	18,6%	69.6%	44.8%	55.2%	197,00	196.06	308.44	1, 150, 30	741. 77	913.03	1,654.80	Loss 20.0X
W0222	Mortar (1:2) Miscellaneous	#3 1.5	3.06 1.00	1. 6% 0, 0%	94. 0% 0. 0%	4. 5% 100, 0%	58. 2% 50. 0%	41.8% 50.0%	2, 340, 00	105. 79 0. 00	8, 733, 62 0, 00	321.00 99.75	4, 165. 30 49. 87	2, 995, 10 49, 87	7, 160, 40 99, 75	Loss 2.0%
	Components (%)									1, 461, 25	7, 042, 05 69, 9%	1, 571, 05	4, 966, 94 49, 21	5, 117, 40 50, 8%	10, 074, 35 100, 0≴	
	Unit Rate Miscellaneous covers the cost for scoop,	an3 shove	, broom, c	ic.						46, 60	706, 00	157.50	496.96	513, 04	1,010,00	
	Proportion of mortar and aggregate		30.0%	70. O%										-		
70751	Concrete Hollow Block (150x200x400mm)	furni	sh & Layin	g includ		Un.	t Rate	··		<del></del>			Unit:	100,00 €	esch	
Item No.	Description	Unit	Quantity	Lab.	Co	mponent Equip.	(X)	Local	Total (PP)	Labor	Materia) (	Component (PP) Equipment	foreign	Local	Total (PP)	Remarks
1.002	Foreman	nd	0. BO	(00,0%	0,0%	[ 0.0%	0.0%	100.0%	5/6,00	460.80	0,00	0.00	0,00	460. BO	460,80	
L020	Masonry Unskilled Labor	nd nd	1.10 2.90	100,0% 100,0%	0.0% 0.0%		0.0%	100.0%	471. 00 320. 00	518.10 928.00	0.00 0.00	0, 00 0, 00	0, 00 0, 00	518. LO 928. <b>C</b> O	518. 10 928. 00	
M12012	Concrete Hollow Block (load bearing) 6"x8"xt6" (150x200x400mm)	each	110,00	0.0%	100.0%	0.0%	25, 0%	75.0%	12, 00	0.00	1, 320, 00	0.00	330.00	990.00	1, 320, 00	Loss 10.0%
W0221	Mortar (1:3) Miscellapsous	m3 LS	0.37	1.7% 0.0%	93. 8% 0. 0%		58, 1% 50, 0%	41. 9% 50. 0%	1, 820, 00	11.19 0,00	631, 58 0, 00	30, 63 39, 00	390, 98 19, 50	282, 42 19, 50	673, 40 39, 00	Loss 3, 0%
	[Ota] Companis (%)	<u> </u>								1, 918, 09 48, 71	1,951,58 49,5%	59, 54 1 8%	740. 48 (8. 8%	3, (98, 82 8) 24	3, 939, 30 100, 01	
	Unit Rate Miscellaneous covers the cost for cart.	each	Lools, etc.							19, 18	19, 52	0.70	7.41	31.99	39.40	
10852	Aggregate Subbase Course for Side Walk												Unit: _	100, 00 m	.9	
Item No.	Description	Unit	Quantity		· · · ·		t Rate		Total			Ámo		100.00 8	fotal	Remarks
			l	Lab.	Mar.	Equip.	for.	(.ocal	(PP)	Labot	Material	Equipment (PP)	Foreign	Local	(PP)	VANIA1.YR
).020 R0305-037	Unskilled Labor Vibratory Single Smooth Drum 3,75t	nd hr	3.00 1.93	100.0% 20.7%	0.0% 9.0%	70.3%	0. 0% 44. 0%	100, 0% 56, 0%	320. 00 431. 00	960, 00 172, 19	0.00 74.86	0.00 684.78	0. 00 365. 00	960, 00 465, 83	960, 00 631, 63	
R0306-006	(Vibration Roller, combined, 3~4t)	day	0.85	0.0%	49. 4%	50.6%	59. 7%	40. 3%	[ 88. QO	0.00	66. 34	67, 96	80. 14	54, (6	134, 30	
W0122	Crushed Aggregate, transported	m3 LS	13, 56 1, 00	9.2%	15. 5%	75, 3%	47.0%	53. O%	258, 00	322. 29 0. 00	642, 96 0, 00	2, 633, 23 0, 00	1,643.46 0,00	1, 855, 03 0, 00	3, 498, 48 0, 00	Loss 32,0%
	Total Components (%)	<u> </u>			=					1, 454, 47 26, 8%	684.17 12.6%	3, 285. 96 60. 6%	2,089,59 38,5%	3,335.02 6(,5%	5, 424, 61 100, 0%	
	Unit Rate	m2								4. 53	6, 84	32. B3	20,68	33, 32	64, 20	
10853	PCC Pavement (Plain), t=100mm for Side	Walk				the state	t Rate					Ano	Unit:	190. 00 m	2	<del></del>
Item No.	Description	Uniz	Quantity	اعوا		about (		Local	Total (PP)	Laher		omponent (PP)		- local	Total	Remarks
L002	Foreman	ba	0, 90	Lab. (00.0%	0,0%	0.0%	0.0%	[00, 0%	576.00	518, 40	0.00	Equipment 0.00	Foreign 0, 00	518. 40	(PP) 518. 40	<del></del>
L020	Skilled Labor Unskilled Labor	nd nd	6.00 11.50	100. 0% 100. 0%	0.0% 0.0%	0, 0% 0, 0%	0.0%	100.0%	410.00 320.00	2, 460, 00 3, 680, 00	0, 00 0, 00	0.00	0, 00 0, 00	2, 460, 00 3, 680, 00	2, 460, 00 3, 680, 00	_
M07101	Concrete (Class A. 21MPa. max agg. 38mm)   Toint Filler (bituminous t=10mm)	m3 m2	10, 40 2, 50	2. 5% 0. 0%	81.5% 100.0%	16. 1% 0, 0%	56. 8% 60. 0%	43. 2% 40. 0%	1, 590, 00 288, 00	406, Q0 0, 00	13, 475, 01 715, 00	2, 654, 99 0. 00	9, 393, 76 429, 00	7, 142, 25 286, 00	16, 536, 00 715, 00	Loss 4.0%
M07111 M02011	Ioint Sealant (10x10mm) Structurel Steel (Round Bar, SS400)	kr .	50, 00 246, 80	0.0%	100.0% 100.0%	0.0% 0.0%	60, 0% 70, 0%	40. 0% 30. 0%	82,70 21,80	0. 00 0. 00	3, 135, 00 5, 375, 88	0, 00 0, 00	1, 881, 00 3, 763, 12	1, 254, 00 1, 612, 76	3, 135, 00 5, 375, 88	
	Steel Gas Pipe. &25 Miscellaneous	n LS	52.00 1.00	0.0%	100.0%	0.0%	60, 0%	40, 0%	117.00	0, 00 0, 00	6, 084, 00 0, 00	0, 00 0, 00	3, 650. 40 0, 00	2, 433, 80 0, 00	6, 084, 00 3, 080, 34	8.0%
	Total									7, 064, 40	28, 784, 85 69, 2%	2,654.99 6.4X	19, 117, 27	19, 387, 01 46, 6%	41, 584, 62 LDQ, 0%	
	Components (%) Unit Rate	m2								70. 67	287, 96	26, 56	46.0% 191, 24	193, 94	116, 00	
	Miscelleneous covers the cost for furnwe Thickness		O. 100		, curin	g materia	IAB, CONC	115, QCC.			1					
0871	Guerdreil Type A. furnish												Unic	B. 00 to		,,
Item No.	Description	Unit	Quantity		Сол	Uni oponent (			Total		C	Amou omponent (PP)			Total	Remarks
1.002	Foreman	and	0.08	Lab, 100.0%		Equip. 0.0%	For. 0.0%	Local 100.0%	(PP) 576, 00	Labor 46, 08	Material 0,00	Equipment 0.00	Foreign 0.00	Local 46, 08	(PP) 46, 08	
L009	Welder Peinter	bed bn	0, i6 0, 16	100.0% 100.0%	0.0%	0.0%	0.0%	100.0%	609. GO 448. GO	81.44 71.68	0. 00 0. 00	0. 00 0. 00	0. 00 0. 00	81.44 71.68	81. 44 71. 68	
1.019	Skilled Labor	nd i	0.32	100.0%	0.0%	0.0%	0.0%	100.0%	410,00	131. 20	0,00	0.00	0.00	131, 20	131, 20	اسمعصما
1102031	Structural Steel (Plates, SS400) Steel Pipe	kg kg	93. 64 105. 52	0.0%	100, 0%	0.0%	70.0%	30.0%	20. 20 23. 90	0. 00   0. 00	1,691,63 2,621,93	0, 00 0, 00	1, 324, 07 1, 766, 35	567.46 758.58	1, 891, 53 2, 521, 93	Loss 8.0% Loss 8.0%
M02359	Bolt N16x50 Bolt N16x160	each each	30, 00 3, 00	0.0% 0.0%	100.0%	0.0%	70.0% 70.0%	30.0% 30.0%	7, 83 18, 70	0.00	234. 90 56. 10	0.00 0.00	164. 43 39. 27	70. 47 16. 83	234. <del>9</del> 0 56. 10	ľ
R0901-025 R1001-100	Welding Wachine 250A Generator 51-t00 kW	day day	0. l6. 0. l6	0. 0% 0. 0%	39, 8% 46, 6%	60. 2% 53. 4%	68.6% 69.3%	41. 4% 40, 7%	588.00 2,690.00	0, 00 0, 00	37, 44 200, 57	56. 64 229. 83	65. J2 255, L0	38. 96 176. 30	94. 08 430, 40	
	Miscellaneous Total	LS	1.00	15,0%	_45. OX	40, 0%	40.0%	60, C%		260, 17 580, 57	750. 6L 5, 692. 98	667, 12 953, 59	667, 12 4, 270, 46	1, 000, 88 2, 956, 68	7, 227, 14	30.0%
	Components (%)				$\rightarrow$					8.0%	78.8%	13. 2%	59, 1%	40. 9%	100, 04	

The column   Column	troora	Constant Porc B. Sometab												Unit:	8.00	_	
Company   Comp	Item No.	Guardrail Type B, furnish  Description	Unit	Quantity		Co	пропелt	(%)					Companent (PP)	int		fotal	Remarks
Section   Control   Cont	L002 L009 L010 L019	Foreman Welder Painter Skilled Labor	md md	0, 08 0, 16 0, 16 0, 32	100.0% 100.0% 100.0%	Mat. 0. 0% 0. 0% 0. 0% 0. 0%	Equip. 0.0% 0.0% 0.0% 0.0%	0, 0% 0, 0% 0, 0% 0, 0%	100, 03 100, 03 100, 03	576,00 509,00 448,00 410,00	46, 08 81, 44 71, 68 131, 20	Material 0.00 0.00 0.00 0.00	Equipment 0, 00 0, 00 0, 00 0, 00	0, 00 0, 00 0, 00 0, 00	46.08 81.44 71.68 131.20	46. 08 B1. 44 71, 68 131. 20	
Control   Cont	N02031 N02351 N02359 R0901-025	Steel Pine Bolt M16x50 Bolt M16x150 Walding Machine 250A	kg each each day	55. 30 30. 00 3. 00 0. 16	0.0% 0.0% 0.0% 0.0%	100, 0% 100, 0% 100, 0% 39, 8%	0.0% 0.0% 0.0% 60,2%	70.0% 70.0% 70.0% 58.6%	30.0% 30.0% 30.0% 41.4%	23, 90 7, 83 16, 70 588, 00	0, 00 0, 00 0, 00 0, 00	1.321.67 234.90 66.10 37.44	0, 00 0, 00 0, 00 56, 64	925, 17 164, 43 39, 27 56, 12	396, 50 70, 47 16, 83 38, 96	1, 321, 67 234, 90 56, 10 94, 08	Loss 8.0%
Compared to   Compared to	B1001-100	Miscellaneous									1196. [6]	588, 48	623. 09	523, 09 3, 286, 25	784, 63	1, 307, 72	30, 0%
Section   Process   Proc		Compenents (%) Unit Raig									9.3%	76.4%	14.3%	58.0%	42.0%	100.0%	
The Property   Control	Bosen -	4			r. hawlay	ge, galva	nizing.	paints.	etc,	-				lini*:	17 96	_	
100   100		[	1	]	Lab		sponent	(%)	Local		Labor	Waterial C	ampanent (PP)	int		Tota)	Remarks
Section   Proceedings   Process   Section	1,009 1,010 1,019	Welder Painter	ed nd nd	0. 47 0. 96 1. 42	100.0% 100.0% 100.0% 100.0%	0, 0% 8, 0% 8, 0% 8, 0%	0, 0% 0, 0% 0, 0% 0, 0%	0.0% 0,0% 0,0% 0,0%	100,0% 100,0% 100,0%	576, 00 509, 00 448, 00 410, 00	270, 72 239, 23 425, 60 582, 20	0, 00 0, 00 0, 00 0, 00	0, 00 0, 00 0, 00 0, 00	0, 00 0, 00 0, 00 0, 00	270, 72 239, 23 425, 60 582, 20	270, 72 239, 23 425, 60 582, 20	!
2001	M02014	Structure: Stee! (Shapes, SS400)	kg	419, 80	0,0%	100.0% 100.0%	0.0%	70.0%	30,0%	17. 60	0.00	7, 388, 48	0.00	5, 171, 94	2, 216. 54	7, 388, 48	Loss 3,0%
Section   Sect	M02511	Structural Stee! (Round Bar, SS400)	kg	29, 30	0,0%	100, 0%	0,0%	70.0N	30.0%	21, BO	0.00	638.74	0.00	447. 12	191.62	638, 74	Loss 3.0%
Track	80901-025	Weiding Machine 250A Generator 51-100 kW	day day	0. 47 0. 47	0.0%	39, 8% 46, 6%	50. 2% 53, 4%	58. 6% 59. 3%	41.4% 40.7%	588, 00 2, 690, 00	0. 00 0. 00	109. 99 689, 16	166. 37 875. 14	161, 91 749, 37	134, 45 514, 93	276. 36 1, 264. 30	
Multiple Service Ser		iotal	L\$	1.00	15.0%	45.0%	40, 0%	40. 0X	60,0%		2, 951, 54	33, 804, 02	3, 823, 43 4, 661, 94	24, 897, 16	16, 523, 33	41, 420, 50	30.0%
Part   Part		Unit Rate		fabricator	r, hauler	o. ralva	nizine	Daints	etc.	<u> </u>	62, 42	714.92	98,66	526, 55			
Transport   Property	#0911		01	, ,	., ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, gwerd		-							100.00	each	
Column   C			Unit	Quantity	Lab.	Cor Mat.	ponent	(%)	Local		Lahor	C Naterial	omponent (PP)	int .		Total	Remarks
Miles   Line   December   Decem	L018	Skilled Labor	n-cl	2.40	100.0%	0,0%	0.0% 0.0%	0, 0% 0, 0%	100.0%	576, Q0 410, 00	172. 80 984. 00	0. 00 0. 00	0. QQ 0. QQ	0.00	172, 80 984, 00	172, 80 984, 00 736, 00	
Section   Content   Cont		Miscellaneous Total	15	1,00							0.00 1,892.80	0.00	0. CO 0, OO	0. 00 0, 00	0,00	0,00 1,892.80	0, 0%
Company   Comp		Components (%) Unit Rate	each														
Tree   No.   Description   Description   Procession   P	¥0912	Digging Out Tree, Medium Tree 1.5m <h:< td=""><td>≦3,0m</td><td>· · · · · · · · · · · · · · · · · · ·</td><td>ı<del>'</del></td><td></td><td>lin</td><td>it Rate</td><td></td><td></td><td></td><td><del></del></td><td>Amou</td><td></td><td>100,00</td><td>each</td><td></td></h:<>	≦3,0m	· · · · · · · · · · · · · · · · · · ·	ı <del>'</del>		lin	it Rate				<del></del>	Amou		100,00	each	
Stilled Labor						Mat.	panent Equip.	(%) For		(PP)		Matorial	ompohent (PP) Equipment	Foreign	Local	(PP)	Remarks
	1.019	Skilled Labor Unskilled Labor Hiscellaneous	nd md	4. 50 4. 50	100.0% 100.0%	0.0%	0, 0%	0.0%	100,0%	410.00	1, 845, 00 1, 440, 00 0, 00	0. 00 0. 00 0. 00	0. 00 0. 00 0. 00	0. 00 0. 00 0. 00	1, 845, 00 1, 440, 00 0, 00	1, 845, 00 1, 440, 00 6, 00	0, 0%
Table   Digitize   D		Components (%)									100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	
Control   Cont	F0913			ia < H ≦ 3, Cra	<del></del>												
1000   1000			1				ponent	(%)	( )	Total		C	опроцепт (РР)	nt		Total	Remarks
Miscellaneous   15   1,00	L019	Skilled Labor	ned	8.50	100, 0% 100, 0%	0.0% 0.0%	0.0%	0. 0% 0. 0%	100,0%	578, 00 410, 00	979, 20 3, 485, 00	0, 00 0, 00	0, 00 0, 00	0, 00 0, 00	979. 20 3, 485. 00	979, 20 3, 485, 00	
Components [15]   Components		Miscellaneous	13		100,04	0.0.	0,0,	0, 0,	100.04	320.00	0.00	0.00	0, 00	0.00	0,00	0,00	0,0%
Tree   No.     Description		Components (%)	each								(00.0%	0,0%	0, 0% 0, 00	0.0%	100, 0% 64, 20	100,0%	
R605 -003   Dano Truck, 3, 0-6, 0 curved (2, 3-4, 6x3)   hr   5, 48   13, 73   19, 73   19, 13   48, 78   51, 13   44, 70   133, 59   170, 32   1, 143, 65   1, 197, 40   1, 152, 16   2, 143, 55   1, 197, 40   1, 152, 16   2, 143, 55   1, 197, 40   1, 152, 16   2, 143, 55   1, 197, 40   1, 152, 16   2, 143, 55   1, 197, 40   1, 152, 16   2, 143, 55   1, 197, 40   1, 152, 16   2, 143, 55   1, 197, 40   1, 152, 16   2, 143, 55   1, 197, 40   1, 152, 16   2, 143, 55   1, 197, 40   1, 152, 16   2, 143, 55   1, 197, 40   1, 152, 16   2, 143, 55   1, 197, 40   1, 152, 16   1, 197, 40   1, 157, 16   1,	W0921	Tree Haulage, Low Tree H≦t.5m		,							.,			Unit:	ŧ00.00	each	
R0001-003   Dano Truck 3.0-6.0 curvids (2.3-4, 6x3)   hr   8.48   13.78   19.28   67.18   48.98   51.18   447.00   335.59   470.32   1.643.65   1.197.40   1.252.16   2.445.55   0.00	ltem No.	Description	Unit	Quantity	Lab.	Con Mat.	ponent	(%)	Local		Labor	Material	omponent (PP) Equipment	Foreign	Local		Remarks
Components (1)	R0601-003	Miscellaneous	hr LS	6. 48 1, 00	13.74				5l.  %	447,00	335. 59 0. 00	470, 32 0, 00	0.00	0.00	0,00}	0.00	0,0%
T = (ANY2LIVY)X		Components (%)									13, 7%	19.2%	67. [%]	48.9%	51, 14	100, 04	
Unit   Quentity   Component (%)   Component	<u> </u>	T = (A*N+2xL/Y)/N N: Loading capacity	-	50. QO	each			A: Loadi V: Trave	ing Time	tr pd =	0.05 h	r/each	10.14;	11, 501		24, 301	
Test   No.   Description   Unit   Quantity   Component (R)   Lab.   La			1	I			Un	ı Rate					Апоч		100,00		
Miscellaneque				l	Lab.	Mat,	Equip.	For.	lacal Rt 14	(PP)	Labor 644 85			Foreign 2, 300, 84	Local 2, 406, 07	(PP)	Kembrks
Components (%)	- 00/01-003	Miscellancous	<u> </u>		.5. 1.4	6.4		4u. ##		441,00	0, 00 644, 85	0,00	0,00	0, 00 2, 300, 84	0, 00 2, 406, 07	4,706,91	0.6%
T = (AshV22L/V)/N		Components (%) Unit Rate									13.7%	19.2%	67. 1%	48.9%	51. 1%	100.0%	
Tree Haulage, High Tree (young tree)   5m<  4   5   9m		T = (A+N+2xL/V)/N N: Loading capacity	=	45, 00	each			A: Loadi V: Trave	ng Time	= ed: *	G. 10 h 28. 00 k	r/each m/hr					·
Robol-003   Damb Truck, 3.0-6, 0 cu-vds (2.3-4, 6m3)   hr   18.20   13.7%   19.2%   67.1%   48.9%   51.1%   44.70   1.114.55   1.552   0.00			. 6× <h< td=""><td>≦3<u>,0</u>a</td><td></td><td></td><td>-0</td><td>A Door</td><td></td><td></td><td></td><td></td><td>-1-</td><td>Unit:</td><td>100.00</td><td>each .</td><td><del></del>_</td></h<>	≦3 <u>,0</u> a			-0	A Door					-1-	Unit:	100.00	each .	<del></del> _
Miscelleneous   I.S   1.00     0.00	Item No.	Description	Unit	Quantity	[ ab	Con	monent (	%)	Local	Total (PP)	Lehoz	Co	Amou perpenent (PP)	Fareien	Local	Total (PP)	Remarks
Components (N)	R0501-003	Miscellaneous		18. 20 1. 00		19, 2%	67. IX	48. 9x	51. iX		1, 114, 65 0, 60	1, 562, 00 0, 00	5, 458, 85 0, 00	3, 976, 76	4, 158, 64 0, 00	8, 135, 40 0, 00	0, 0%
T = (Ash/Sal/Y)/N = 0.18 hr/sech N: Loading capacity = 20.00 sech N: Loading capacity = 20.00 sech N: Traveling Speed = 0.17 hr/sech L: Haulege Distance = 3.00 km			each				==				13.7% 13.7%	1, 562, 00 19, 2% 15, 63	5, 458, 85 67, 1% 54, 62	3, 978, 76 48, 9% 39, 79	51. [%]	100,0%	
Tea No.   Description			=	20.00	each	· ·		A: Loadi Y: Trave	ng Time ling Spe	*d *	0. 17 h	r/each	01, 921		71, 711	51, 301	
Tea No.   Description	W0931	Tree Planting, Low Tree HS1.6m					Uni	i Rate							100,00		
L019 Skilled Labor ad 1.20 100.0% 0.0% 0.0% 0.0% 100.0% 140.00 492.00 0.00 0.00 0.00 492.00 492.00 492.00 100.0% 100.0% 100.0% 100.0% 320.00 320.00 0.00 0.00 0.00 0.00 320.00 320.00 100.0% 15 1.00 100.0% 0.0% 0.0% 100.0% 320.00 0.00 0.00 0.00 0.00 0.00 0.00 0.				L		_Mat.	ponent ( Equip	%)	Local,	(PP)	Lebor	Material	Equipment (PP)	Foreign	Local	(PP)	Remarks
Total 927, 20 0, 00 0, 00 927, 20 927, 20 927, 20	L019 L020	Skilled Lebor Unskilled Lebor	and and	1, 20 1, 00	100.0%	0.0%	0.0%	0.0%	100, 0%	410.60	492.00 320.00 0.00	0.00 0.00 0.00	0. 00 0. 00 0. 00	0, 00 0, 00 0, 00	492, 00 320, 00 0, 00	492.00 320.00 0.00	0.0%
		Total .									927, 20	0.00	0,00]	0, 00 0, 0%	927, 20	927, 20	

¥0932	Tree Planting, Medium Tree 1.5m <h≤3< td=""><td>. Om</td><td></td><td></td><td></td><td>(Jn</td><td>it Rate</td><td></td><td></td><td></td><td></td><td></td><td>Unit:</td><td>100,00</td><td>each</td><td>1</td></h≤3<>	. Om				(Jn	it Rate						Unit:	100,00	each	1
) tem No.	Description	Unit		Lab.	Mat.	Equip,	(%) For,	Local	Total (PP)	Labor	Material 20	Component (P Equipment	P) Foreign	Local	Total (PP)	Remarks
L002 L019 L020	Foreman Skilled Labor Unskilled Labor	ad ad ad	0, 50 3, 70 3, 00	100,0%	0.0%		0.0% 0.0% 0.0%	100.0% 100.0% 100.0%	576.00 410.00 320.00	288, 00 1, 517, 00 960, 00	0, 00 0, 00 0, 00	0. 00 0. 00 0. 00	0,00	288.00 1.517.00 960,00	1, 517, 00	)
1020	Miscellaneous Total	LS	1.00			0.04	0.5		325, 50	2, 765, 00	0, 00 0, 00	0. 00 0, 00	0, 00	0.00 2,765.00	2, 765, 00	0,0%
	Components (%) Unit Rate	each								100, 0% 27, 70	0.0% 0.00	0,00		100, 0% 27, 70	100,0%	
F0933	Tree Planting, High Tree (young tree)	<u>t.6m &lt;</u>	(H≦3,0a	T		(lin	it Rate						Unit:	190.00	each	
Item No.	Description	Unit	Quantity	l,ab.	Co Mat,	mponent Equip.		Local	Total (PP)	Labor	Material	Component (P Equipment	P) Foreign	Local	Total (PP)	Remarks
f'018 T005	Foreman Skilled Labor	nd nd	3, 20 16, 10	100.0%	0.0%	0.0%	0,0%	LOO. ON	576.00 410.00	1,843.20 6,601.00	0.00 0.40	0.00 0.00	0.00	1,843,20 6,601.00	1, 843, 20 6, 601, 00	ıţ
L020	Unskilled Labor Miscellaneous	nd _LS	9. 60 1, 00	100.0%	0.0%	0.0%	0.0%	100.0X	320.00	3, 072. 00 0, 00	0,00 0,00	0.00	0.00	3, 072. 00 0, 00	0.00	0.0%
	Total Components (%) Linit Rate	each	<u> </u>	<del> </del>						[1, 516, 20] [00, 0% [15, 00]	0,00 0,0% 0,00	0. 00 0. 00 0. 00	0,0%	11, 5(6, 20 100, 0% 115, 00	100.0%	
W0951	Pracest Curbstone for Planter Square.												Unit:	100, 00		
Item No.	Description	Unit	Quantity		Co	aponent	t Rate	<del></del>	Totel			Component (Pl	mount P)		Total	Remarks
W0203	Concrete (Class A. 21MPa, max agg.38mms) Concrete Pouring by Manpower for small	m3	2.30	1	BL. 5%	ŧ i	For. 56.8%	Local 43. 2%	(PP) 1, 590. 00	Labor 89, 79	Hateriel 2,980.05	Equipment 587, 16	<i>t</i>	Local 1,579.54	(PP) 3, 657, 00	
₩0235 ₩0236	structures Concrete Curing (plain concrete)	m3	2. 25 2. 26	98. 0% 70. 9%	0. 2% 8. 7%	1.8%	1. 1% 16. 0%	98. 9% 84. 0%	228, Q0 9, Q2	502, 94 t4, 40	1. 01 1. 77	9. 05 4. 13		807, 47 17, 05	513.00 20.30	
R0601-006	Dump Truck, 6,0-9,0 cu-vds (4,6-6,9m3) Niscellaneous	hr LS	0. 18 1. 00		17. 9% 60, 0%	72.0%	50, 7% 50, 0%	49. 3% 50. 0%	604, 00	10.98 0.00	19. 46 206. 35	78. 29 137, 57	65. LI 171. 96	53, 61 171, 96	108, 72 343, 92	8, 0%
	Components (%)									618.11 13.3% 6,18	3, 208, 64 69, 1% 32, 07	816, 19 17, 6% 8, 16	49.8%	2, 329, 62 50, 2%	4, 642, 94	
L	Wiscellaneous covers the cost for mould	. forms	i, haulage,	etc.		i		L			32, 0(1	8, 10		23, 28	46, 40	<del></del>
¥0952	Precast Curbstone for Planter Square,	1				Un	i Rate						Unit:	100.00		ı — — — — — — — — — — — — — — — — — — —
Juan No.	Description	Unit	<u> </u>	lab,	Mar	rponent Equip.	For:	Loca]	(PP)	Labor	Mater(a)	Component (P) Egyipment	P) Foreign	Local	Total (PP)	Remarks
1.002 1.007 L020	Foreman Masenry Unskilled Labor	nd nd	1. 40 1. 90 5. 20	100.0%	0.0% 0.0% 0.0%	0.0% 0.0% 0.0%	0.0% 0.0% 0.0%	100.0% 100.0% 100.0%	576, 00 471, 00 320, 00	806. 40 894. 90 1, 664. 00:	0, 00 0, 00 0, 00	0, 00 0, 00 0, 00	0,00	806. 40 894. 90 1, 664. 00	806. 40 894. 90 1, 664. 00	
	Miscellaneous Total	ŁS_	1.00		BQ. 0%	20.0%	50.0%	50.0%	.720. 50	0, 00 3, 365, 30	107, 69 107, 69	26, 92 26, 92		67. 31 3, 432. 61	1, 684, 00 134, 61 3, 499, 91	4, 0%
	Components (%) Unit Rate									96, 2% 33, 65	3, 1% 1, 08	0. 8% 0. 27	1. 9% 0. 67	98. [% 34, 33	100.0% 35.00	
*****	Miscellaneous covers the cost for hed me		-	r, etc.					-				0-12-	100.55	-9	
#0968 Item No.	Treading Prevention Board for Planter Description	Squere Unit	Quantity	<u> </u>	Co	Uni пролепt	t Rate		Total			An Component (PF	Unit:	100,00	m2 Total	Remarks
W0203	Concrete (Class A. 21Ml's, max agg, 38mm)	m3	B. 12	Lab. 2. 5%	Mat. 01.5%	Equip. 16. 1%	For. 56.8%	Local 43.2%	(PP) 1, 590, 00	Labor 238, 91	Materia] 7,929,53	Equipment 1,562,36	Foreign	Local 4, 202, 94	(PP) 9, 730. 80	Loss 2.0%
<b>₩</b> 0235	Concrete Pouring by Manpower for small structures	m3	6.00	98.0%	0. 2%	1.8%	1, 1%	98. 9%	228. 00	1, 341. 18	2.68	24, 14	14. 76	1, 353, 25	1, 368.00	
W0236 W0251	Concrete Curing (plain concrete) Reinforcement Grade 40, cutting,	m3 kg	6. 00 480. 00	70.9% 15.4%	8. 7% 76. 8%	20.4% 7.8%	16.0% 53.9%	84. 0% 46. 1%	9. 02 23. 40	38, 38 1, 731, 26	4. 72 8. 625. 07	11.02 875, 67	6, 048, 49	45. 46 5, 183, 51	54, 12 11, 232, 00	
R0601-006	bending & assembly Dump Truck. 6.0-9.0 cu-vds (4.6-6.9m3) Miscellancous	hr	0, 90	10.1%	17. 9% 60. 0%	72.0% 40.0%	50.7% 50.0%	49. 3% 50. 0%	604.00	64. 90 0, 00	97. 30 1, 100, 57	391, 39 733, 71		268, 03 917, 14	543, 60 1, 834, 28	8.0%
	Intel  Components (%)					141 0.4	00.02			3, 404, 64 13, 7%	17, 759, 88 71, 7%	3, 598, 29 14, 5% 36, 04	12,792,47 51,78	[1, 970, 33	24, 762, 80 100, 0%	0.04
	Unit Rate Miscellaneous covers the cost for mould,	m2 Forms	, haulage,	etc.						34. [0]	177.87	36, 04	128. [2]	48, 3% 119, 88	248,00	
WD957	Treading Prevention Board for Planter	Square	Laying			Ilhi	t Rate				<del></del>		Unit:	100,00	<u>n2</u>	
Item No.	Treading Prevention Board for Planter Description	Square Unit	Quantity	Lab.		popent (	t Rate	Local	Total (PP)	Labot	Material _	Component (PP	ount )		Total (PP)	Remarks
LO02	Description Foreman Wagonry	Unit md ad	Quantity 0,80 2,60	Lab. 100.0% 100.0%	Mat. 0.0% 0.0%	ponent ( Equip. 0.0% 0.0%	%) For. 0.0% 0.0%	100.0% 100.0%	(PP) 576, 00 471, 00	460, 80 1, 224, 80	Material 0.00 0.00	Component (PP Equipment 0.00 0.00	Foreign 0.00 0.00	Local 460, 80 1, 224, 60	Tota) (PP) 460, 80 1, 224, 60	Remarks
LOO2	Description Foreman Magonry Unskilled Labor Hiscellaneous	Unit	Quantity 0.80	100.0%	Mat. 0.0%	Equip. 0.0%	%) For 0.0%	100.0%	(PP) 576, 00	460, 80 1, 224, 80 1, 376, 00 0, 00	Material 0, 00, 0, 00 0, 00 150, 01	Component (PP Equipment 0.00 0.00 0.00 64,29	Foreign 0.00 0.00 0.00 0.00	1,0c21 460, 80 1, 224, 60 1, 376, 00	Tota] (PP) 460, 80 1, 224, 60 1, 376, 90 214, 30	
LO02	Description Forgram Magonry Unskilled Labor Hiscellaneous Total Components (%)	Unit ad ad ad	Quantity 0.80 2,60 4.30	100.0% 100.0% 100.0%	Mat. 0.0% 0.0% 0.0%	ponent ( Equip. 0.0% 0.0% 0.0%	%) For 0.0% 0.0% 0.0%	100.0% 100.0% 100.0%	(PP) 576, 00 471, 00	460, 80 1, 224, 80 1, 375, 00	Material 0,00, 0,00 0,00	Component (PP Equipment 0.00 0.00 0.00	Foreign 0.00 0.00 0.00 107, 15	Local 460, 80 1, 224, 60 1, 376, 00	Tota] (PP) 460, 80 1, 224, 60 1, 376, 00	
L002 L007 L020	Oscription Foreman Magonry Unskilled Labor Hiscellaneous Commonts (%) Unit Rate Hiscellaneous covers the cost for joint	Unit ad ad md LS	Quantity 0,80 2,60 4.30 1,00	100.0% 100.0% 100.0% 0.0%	Mat. 0.0% 0.0% 0.0%	ponent ( Equip. 0.0% 0.0% 0.0%	%) For 0.0% 0.0% 0.0%	100.0% 100.0% 100.0%	(PP) 576, 00 471, 00	460, 80 1, 224, 80 1, 375, 00 0, 00 3, 061, 40 93, 5%	Material 0.00, 0.00 0.00 150.01	Component (PP Equipment 0.00 0.00 0.00 64,29 54,28	Foreign 0.00 0.00 0.00 0.00 107.15 107.15	Local 460, 80 1, 224, 60 1, 376, 00 107, 15 3, 168, 55 96, 74 31, 73	Total (PP) 460, 80 1, 224, 60 1, 378, 90 214, 30 3, 275, 70 100, 0% 32, 80	
I tem No.   L002   L007   L020	Oescription Foreman Magoniv Unskilled Labor Hiscellaneous Compenents (%) Unit Rate Wiscellaneous covers the cost for joint Underground Cable Duct	Unit md ad md LS m2 mortsr	Quantity 0.80 2.60 4.30 1.00	100.0% 100.0% 100.0% 0.0%	0. 0% 0. 0% 0. 0% 70. 0%	ponent ( Equip. 0.0% 0.0% 0.0% 30.0%	%) For. 0.0% 0.0% 0.0% 50,0%	100.0% 100.0% 100.0%	(PP) 576.00 471.00 320.00	460, 80 1, 224, 80 1, 375, 00 0, 00 3, 061, 40 93, 5%	Material 0.00 0.00 0.00 1.00 1.50.01 1.50.01	Component (PP Equipment 0.00 0.00 0.00 54,29 54,29 2.0% 0.64	OUNT: ) Foreign 0.00 0.00 0.00 0.00 107.15 3.3% 1.07	Local   460, 80   1, 224, 60   1, 376, 00   107, 15   3, 168, 55   96, 7%	Total (PP) 460, 80 1, 224, 60 1, 378, 90 214, 30 3, 276, 70 190, 0% 32, 80	7.0%
I tem No.   L002   L007   L020   L0	Percription Foresen Magenry Unskilled Labor Hiscellaneous Total Compenents (%) Unit Rate Hiscellaneous covers the cost for joint Underground Cable Duct Description	Unit  md md md LS  m2 mortar	Quentity  0.80 2.60 4.30 1.00  scoop, br	100.0% 109.0% 100.0% 0.0%	0.0% 0.0% 0.0% 70.0%	ponent ( Equip.  0.0% 0.0% 0.0% 30.0%	TO For. 0.0% 0.0% 0.0% 50.0% t Rate %)	100.0% 100.0% 100.0% 50.0%	(PP) 576.00 471.00 320.00	460, 60 1, 224, 80 1, 376, 60 9, 00 3, 061, 40 93, 5% 30, 65	Material 0.00. 0.00. 0.00. 150.01. 150.01. 4.6% 1.50.	Component (PP Equipment 0.00 0.00 0.00 54.29 54.23 2.0% 0.64			Total (PP) 460, 80 1, 224, 60 1, 378, 00 214, 30 105, 0% 32, 80  Total (PP)	
#1001 Item No. #1001 Item No. #6102	Porement taronty Underground Cable Duct  Description  Description  Description  Excavation. Backhoe 0.35m3 Disposal of Surplus Soil (backhoe loading)	Unit md md md LS  m2 mortsr  Unit m3 m3	Quantity 0.80 2.60 4.30 1.00 . scoop, br Quantity 3.00 0.90	100.0% 100.0% 100.0% 0.0% 0.0%	Mat. 0. 0% 0. 0% 0. 0% 70. 0%	Equip. 0.0% 0.0% 0.0% 0.0% 0.0% Enimponent (Equip. 85.1% 77.0%	To For 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	100. 0% 100. 0% 100. 0% 50. 0% Local 48. 2% 48. 6%	(PP) 576.00 471.00 320.00  Total (PP) 49.40 93.10	460, 60 1, 224, 80 1, 376, 60 9, 00 3, 661, 40 93, 5% 30, 65	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Component (PP Equipment 0.00 0.00 0.00 0.00 64.29 54.29 2.0% 0.64 0.64 0.64 0.64 0.64 0.64 0.64 0.64	Sount   1   1   1   1   1   1   1   1   1	Local   460, 80   1, 224, 60   1, 376, 00   1, 071, 165   3, 168, 5\$   96, 7\$   31, 7\$   10, 00     Local   71, 42   40, 71	Total (PP) 460.80 1, 224.60 1, 376, 00 214, 30 3, 275.70 100.0% 32, 80  Total (PP) 148, 20 83, 79	7.0%
Item No.   L002   L007   L020	Description Forement tagents Unskilled Labor Hiscallanrous Total Communents (t) Unit Rais Hiscallanrous covers the cost for joint Underground Cable Duct Description Excavation. Backhoe 0.35m3 Disposal of Surplus Soil (backhoe loadine) Backfill C Lean Concrete (17MPs. max agg. 38mm)	Unit md md md LS m2 mortar Unit	Quentity  0.80 2.60 4.30 1.00  scoop, br  Quantity 3.00	100.0% 109.0% 100.0% 9.0% 9.0%	Mat. 0. 0% 0. 0% 0. 0% 70. 0%	Equip. 0.0% 0.0% 0.0% 0.0% 30.0%	t Rate  t For.  51.8%	100.0% 100.0% 100.0% 50.0%	(PP) 576.00 471, 90 320.00 320.00	460, 80 1, 224, 80 1, 375, 80 0, 00 3, 061, 40 93, 58, 30, 65	Material 0.00, 0.00 0.00 0.00 0.00 0.00 0.00 0.	Component (PP Equipment 0.00 0.00 0.00 54.29 54.23 2.0% 0.64			Total (PP) 460.80 1.224.60 1.376.00 214.30 3.216.10 100.0% 32.80  Total (PP) 148.20	7.0%
#1001   Item No.   W0102   W0111   W0235   W0235   W0235   W0237   W0235   W0235   W0236   W02	Poscription Forement tageonry Unskilled Labor Hiscellanrous  Total  Compenents (%) Unit Raise Hiscellanrous covers the cost for joint Underground Cable Duct  Description Excevation. Backhoe 0.35m3 Disposal of Surplus Soil (backhoe loadine) Backfill C Lean Concrete (17MPs. max agg. 38mm) Concrete Pouring by Nanpower for small structures	Unit  md md md LS  m2 mortar  Unit  m3 m3 m3 m3 m3 m3	Quantity  0.80 2.60 4.30 1.00  SCBOP, br  Quantity  3.00 0.90 2.10 0.92 0.99	Lob. 6, 5%  Lab. 6, 5%  8, 2%  11. 6%  2, 63,  98, 0%	Mat. 0. 0% 0. 0% 70. 0% 70. 0% Cor Mat. 8. 4% 14. 8% 11. 8% 80. 0% 0. 2%	Equip.  0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0	TO For.  0.0% 0.0% 0.0% 50,0% 50,0%	100. 0% 100. 0% 100. 0% 50. 0% Local 48. 2% 48. 6% 50. 7% 43. 5% 98. 9%	(PP) 576.00 471.00 320.00  Total (PP) 49.40 93.10 1450.00 1,470.00 228.00	460, 60 1, 224, 50 1, 375, 00 9, 00 3, 061, 40 93, 5% 30, 65	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Component (PP Equipment 0, 0, 00 0,	sount	.ocal	Total (PP) (460, 80 l. 224, 60 l. 2378, 90 l. 2378, 90 l. 2578	7. 0% Remerks
#1001   Tem No.   W0102   W0215   W0235   W0235   W1302   W1302   W0235   W023	Page 1 Description  Foreman Magoniv Unskilled Labor Miscellaneous  Commonents (%) Unit Rate Miscellaneous covers the cost for joint Underground Cable Duct  Description  Excavation. Backhoe 0.35m3 Disposal of Surplus Soil (backhoe loading) Backfill Chuen Concrete Pouring by Manpower for small	Unit md md md LS m2 mortsr Unit m3 m3 m3 m3	Quantity  0.80 2.60 4.30 1.00  .scsop, br  Quantity  3.00 0.90 2.10 0.92 0.90 0.90 10.00	100. 0% 100. 0% 100. 0% 9. 0% 9. 0% 6. 5% 8. 2% 11. 6% 2. 6% 98. 0% 70. 9% 0. 0%	Mat. 0. 0% 0. 0% 70. 0% 70. 0% Cos Mat. 8. 4% 14. 8% 11. 8% 80. 0%	Equip.  0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0	TO For.  0.0% 0.0% 0.0% 50,0%  1. Rate X) For. 51.8% 49.3% 56.5%	100. 0% 100. 0% 50. 0% 50. 0% 1.00. 0% 50. 0% 48. 6% 50. 7% 43. 5% 98. 9% 84. 0% 55. 0%	Total (PP) 49, 40 320, 00 Total (PP) 49, 40 93, 10 145, 00 1, 470, 00 228, 00 9, 02 67, 90, 62, 30	460, 60 1, 224, 60 1, 375, 60 0, 00 3, 061, 40 93, 58, 30, 65	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Component (PP Equipment 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Sount		Total (PP) (460, 80 l. 224, 60 l. 378, 90 214, 30 32, 50 l. 378, 90 100, 9% 32, 80 l. 378, 90 100, 9% 32, 80 l. 378, 90 100, 9% 32, 80 l. 382, 90 1. 382, 40 l. 382,	7. 0% Remerks
#1001   Lem No.   W0102   W0215   W0235   W0236   W1302   W1302   W0216   W0235   W0236   W13032   W0236   W02	Poresen Masonry Unskilled Labor Hiscellaneous  Commonents (%) Unit Rate Hiscellaneous covers the cost for joint Underground Cable Duct  Description Excavation. Backhoe 0.35m3 Disposal of Surplus Soil (backhoe loadine) Backfil C Lean Concrete (17MPs. max agg. 38em) Concrete Pouring by Manpower for small structures Concrete Curing (plain concrete) Electric Conduit Electric Cable Foreman Electric dable Foreman	Unit ed ad ad ad LS	Quantity  0.80 2.60 4.30 1.00  SCOOP. br  Quantity  3.00 0.90 2.10 0.90 0.90 0.90 0.00 0.00 0.10 0.30	100. 0% 100. 0% 100. 0% 0. 0% 0. 0% 0. 0% 11. 6% 2. 6% 98. 0% 70. 9% 0. 0% 100. 0%	Co. Mat. 8. 4% 14. 8% 80. 0% 100. 0% 100. 0% 100. 0% 100. 0% 0. 0% 100. 0% 0. 0% 100.	Equip.  0.0% 0.0% 0.0% 0.0% 30.0%  Enimponent (Equip. 85.1% 77.6% 1.8% 20.4% 0.0% 0.0% 0.0%	1 Rate 2) For. 50,0% 0,0% 50,0% 50,0% 50,0% 51,8% 51,4% 49,3% 56,5% 1,1% 56,0% 0,0%	Local 48.2% 48.6% 50.7% 43.5% 98.9% 84.0% 55.0% 100	(PP) 576.00 471.00 320.00 (PP) 49.40 93.10 145.00 1.470.00 9.02 9.02	460, 60 1, 224, 60 1, 376, 00 2, 00 3, 061, 40 93, 55 30, 65 40 135, 40 35, 83 6, 91 35, 40 35, 83 20, 16 5, 76 0, 00 10, 00 5, 76 0, 00 128, 70	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Connents (PP Equipment (PP Equipment (PP Equipment (PP Equipment ) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Sount   Sount   Sount	Local   460, 80   1, 224, 60   1, 376, 00   1, 376, 00   1, 376, 00   1, 376, 00   1, 376, 00   1, 376, 00   1, 376, 00   1, 376, 00   1, 42   40, 71   1, 42   40, 71   1, 43   687, 62   202, 99   6, 62   373, 46   280, 35   57, 60   1, 58, 76, 76, 76, 76, 76, 76, 76, 76, 76, 76	Total (PP) 460, 80 1, 224, 80 1, 378, 90 214, 30 3, 275, 10 105, 03 32, 80  Total (PP) 148, 20 83, 79 304, 50 1, 352, 40 205, 20 8, 12 879, 90 623, 90 623, 90 657, 60 128, 79	7.0%
#1001 Item No. W0102 #0111 W0133 W0235 W0235 W0235 W0235 W0235 W0235 W0235 W0235	Poscription Forement Masonry Unskilled Labor Miscellaneous    Commonents (t)	Unit md ad ad ad LS morter was mad as a mad and md	Quantity 0.80 2.60 4.30 1.00  SCBOP, br  Quantity 3.00 0.90 2.10 0.92 0.90 10.00 0.10	Lab.  6. 5% 8. 2% 11. 6% 2. 6x 98. 0% 0. 0% 0. 0% 0. 0% 0. 0% 0. 0% 0. 0% 0. 0% 0. 0%	Mat. 0. 0% 0	Equip. 0. 0%	70) For. 0.0% 0.0% 0.0% 50,0% 50,0%  1. Rate 73) For. 51.8% 51.4% 49.3% 49.3% 49.3% 10.0% 46.0% 56.0% 0.0%	100. 0% 100. 0% 50. 0% 50. 0% 100. 0% 50. 0% 148. 2% 48. 6% 50. 7% 43. 5% 98. 9% 55. 0% 45. 0%	Total (PP) 49. 40 93. 10 147. 60 320. 00 70 149. 40 93. 10 145. 00 1.470. 00 228. 00 9. 02 67. 90. 62. 30 575. 00	460, 60 1, 224, 60 1, 376, 00 0, 00 3, 361, 40 93, 55 30, 65 40,	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Connents (PP Equipment (PP Equ	Sount    Foreign   0.00	Local   460, 80   1, 224, 60   1, 224, 60   1, 376, 60   1, 376, 60   1, 376, 60   1, 376, 60   1, 31, 73   10, 00   10, 10   1	Total (PP) 460, 80 1, 224, 80 1, 378, 90 214, 30 3, 275, 10 100, 03, 32, 80  Total (PP) 148, 20 93, 79 304, 50 1, 352, 40 205, 20 8, 12 879, 90 623, 90 623, 90 627, 60 128, 70 35, 91 3, 625, 42	7. 0% Remerks
#1001 Item No. W0102 #0111 W0133 W0235 W0235 W0235 W0235 W0235 W0235 W0235 W0235	Poscription Forement Masonry Unskilled Labor Miscellancous    Commonents (%)   Unit Rate     Wiscellancous covers the cost for joint Underground Cable Duct	Unit und und und und und und und und und und	Quantity  0.80 2.60 4.30 9.00 9.00 Quantity 3.00 0.90 2.10 0.92 0.90 0.90 10.00 0.10 0.20 1.00	Lab. Lab. 5 5% 8 2% 11.6% 70.9% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Co. Mat. 8. 4% 14. 8% 80. 0% 100. 0% 100. 0% 100. 0% 100. 0% 0. 0% 100. 0% 0. 0% 100.	Equip.  0.0% 0.0% 0.0% 0.0% 30.0%  Enimponent (Equip. 85.1% 77.6% 1.8% 20.4% 0.0% 0.0% 0.0%	1 Rate 2) For. 50,0% 0,0% 50,0% 50,0% 50,0% 51,8% 51,4% 49,3% 56,5% 1,1% 56,0% 0,0%	Local 48.2% 48.6% 50.7% 43.5% 98.9% 84.0% 55.0% 100	Total (PP) 49. 40 93. 10 147. 60 320. 00 70 149. 40 93. 10 145. 00 1.470. 00 228. 00 9. 02 67. 90. 62. 30 575. 00	460, 60 1, 224, 50 1, 375, 00 00 3, 061, 40 83, 55 30, 65 Labor 9, 63 6, 91 35, 40 35, 83 201, 16 0, 00 0, 00 0, 00 0, 57, 60 128, 70 0, 00 0, 0	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Connent (PP Equipment (PP Equi	Nount    Foreign   0.00	Local   460, 80   1, 244, 60   1, 376, 60   1, 376, 60   107, 15; 3, 198, 57, 50   10, 00   10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Total (PP) (460, 80 l. 378, 90 l. 378, 90 l. 378, 90 l. 378, 90 l. 32, 80 l. 378, 90 l. 32, 80 l. 378, 90 l. 382, 40 l. 3	7.0%
#1001 Item No. W0102 #0111 W0133 W0235 W0235 W0235 W0235 W0235 W0235 W0235 W0235	Description Forement tagents Unskilled Labor Hiscellancous Total  Compenents (%)  Unit Sate  Wiscellancous covers the cost for joint Underground Cable Duct  Description Excevation. Backhoe 0.35m3 Disposal of Surplus Soil (backhoe loadine) Backfill Claudine) Backfill Components Backfill Components Backfill Components Backfill Components Backfill Claudine)  Components (%)	Unit und und und und und und und und und und	Quantity  0.80 2.60 4.30 9.00 9.00 Quantity 3.00 0.90 2.10 0.92 0.90 0.90 10.00 0.10 0.20 1.00	Lab. Lab. 5 5% 8 2% 11.6% 70.9% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Co. Mat. 8. 4% 14. 8% 80. 0% 100. 0% 100. 0% 100. 0% 100. 0% 0. 0% 100. 0% 0. 0% 100.	Equip. Co. 1	Tor. 0. 0% 0	Local 48.2% 48.6% 50.7% 43.5% 98.9% 84.0% 55.0% 100	Total (PP) 49. 40 93. 10 147. 60 320. 00 70 149. 40 93. 10 145. 00 1.470. 00 228. 00 9. 02 67. 90. 62. 30 575. 00	460, 60 1, 224, 50 1, 375, 00 00 3, 061, 40 83, 55 30, 65 Labor 9, 63 6, 91 35, 40 35, 83 201, 16 0, 00 0, 00 0, 00 0, 00 1, 25, 76 0, 00 1, 25, 76 0, 00 1, 25, 76 1,	Material 0.00 0.00 0.00 150.01	Conponent (FP Equipment (PF Eq	Nount    Foreign   0.00	Local   460, 80   1, 244, 60   1, 376, 60   107, 15; 3, 158, 55, 75, 75   10, 00   107, 142   40, 71   154, 34, 76, 62   202, 99   6, 62, 203, 34, 557, 60   128, 75, 17, 95; 1, 921, 95; 53, 04	Total (PP) 460, 80 1, 224, 60 1, 278, 60 214, 30 3, 255, 10 100, 08, 32, 80  Total (PP) 148, 20 83, 79 304, 50 1, 362, 40 205, 20 8, 12 879, 00 623, 00 623, 00 623, 00 623, 00 128, 73 35, 91 3, 625, 42 100, 08 363, 00	7.0% Remerks Loss 2.0%
#1001   Item No.   W0102   W0111   W0235   W0226   W13051   L002   L012    Poscription Forement tamony Unskilled Labor Hiscellancous    Commenced (t)	Unit und und und und und und und und und und	Quantity  0.80 2.60 4.30 9.00 9.00 Quantity 3.00 0.90 2.10 0.92 0.90 0.90 10.00 0.10 0.20 1.00	Lab. 6.5% 8.2% 11.6% 2.6% 98.0% 70.9% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	Nat. 0. 0% 0	ponent (	T Rate  1 (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	100.0% 100.0% 50.0% 50.0% 50.0% 50.0% 100.0% 48.2% 48.2% 48.5% 50.7% 43.5% 98.9% 84.0% 56.0% 100.0% 100.0%	(PP) 576.00 471.00 320.00  Total (PP) 49.40 93.10 145.00 1.470.00 228.00 9.02 67.90.00 62.36 575.00 429.00	460, 60 1, 224, 50 1, 375, 00 2, 00 3, 061, 40 93, 55 30, 65 Labor 9, 63 6, 91 35, 40 35, 83 201, 16 5, 76 0, 00 128, 70 129, 70 120, 70 121, 70 1	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Connent (PP Equipment (PP	Sount () () () () () () () () () () () () ()	Local   460, 80   1, 244, 60   1, 376, 60   107, 15; 5, 168, 78   31, 73   10, 00   71, 42   40, 71   154, 34   687, 62   202, 99   6, 62   373, 45   280, 35   57, 60   128, 70   17, 95   1, 921, 95   53, 0%   192, 38   10, 00 / 7	Total (PP) (40, 80 l. 378, 90 l. 378, 90 l. 378, 90 l. 32, 80 l. 378, 90 l. 32, 80 l. 378, 90 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 36	7.0%	
#1001	Poscription Forement than the control of the contro	Unit Unit Unit Unit Unit Unit Unit Unit	Quantity 2.80 2.60 4.30 1.00  Quantity 3.00 0.90 2.10 0.92 0.90 0.00 0.10 0.00 0.10 0.20 1.00 0.10 0.20 0.10 0.20 0.10 0.20 0.10 0.20 0.10 0.20 0.10 0.20 0.10 0.20 0.10 0.20 0.10 0.20 0.10 0.20 0.10 0.20 0.10 0.20 0.10 0.20 0.10 0.20 0.10 0.20 0.10 0.20 0.2	100.0% (100.0%) (100.	Nat. 0. 0% 0	Description   Description	T Rate  1 Rate	100.0% 100.0% 50.0% 50.0% 50.0% 100.0% 50.0% 48.2% 48.2% 48.5% 50.7% 43.5% 98.9% 84.0% 56.0% 100.0% 100.0%	(PP) 576.00 471.00 320.00  Total (PP) 49.40 93.10 145.00 1,470.00 228.00 9.02 67.90 62.30 576.00 429.00	460, 60 1, 224, 80 1, 375, 00 2, 00 3, 061, 40 93, 55 30, 65 Labor 9, 63 6, 91 35, 40 35, 83 201, 16 5, 76 0, 00 128, 70 100, 00 481, 00 13, 35 48, 15	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Connent (PP Equipment (PP Equi	Sount	Local   460, 80   1, 224, 60   1, 376, 90   107, 15; \$ 3, 158, 53, 158, 73   10, 00   71, 42   40, 71   154, 34, 74   4687, 62   202, 99   6, 62   373, 45   280, 35   57, 60   128, 70   177, 95   1, 921, 95   53, 0%   192, 38   10, 00   1, 260, 35   1, 200, 35	Total (PP) (40, 80 l. 378, 90 l. 378, 90 l. 378, 90 l. 378, 90 l. 32, 80 l. 378, 90 l. 36, 20 l. 36, 20 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 363, 90 l. 362, 40 l. 362	7.0% Remerks Loss 2.0%
#1001   Item No.   #1001   Item	Description Forement transmire the control of the c	Unit Unit Unit Unit Unit Unit Unit Unit	Quantity  0.80 2.60 4.30 1.00  SCEOD, br  Quantity  3.00 0.90 2.10 0.92 0.90 0.90 10.00 0.10 0.33 1.00  Quantity  Quantity	Leb. 100 0% 100	Nat	Boonent C C C C C C C C C C C C C C C C C C C	T Rate  T Rate  T Rate  T Rate  T Rate  T Rate  T Rate  T Rate  T Rate  T Rate  T Rate  T Rate  T Rate  T Rate  T Rate  T Rate	Lecal 48.2% 48.2% 50.7% 43.5% 09.9% 54.0% 50.0% 50.0% 50.0% 50.0% 50.0% 50.0% 50.0% 50.0% 50.0% 50.0% 50.0% 50.0% 50.0% 50.0% 50.0% 50.0%	(PP) (PP)	460, 60 1, 224, 80 1, 376, 00 9, 00 3, 361, 40 93, 385, 93 30, 65 Labor 9, 63 6, 91 35, 40 35, 83 201, 16 5, 76 0, 00 57, 60 0, 90 57, 60 128, 70 0, 90 128, 70 128, 70 0, 90 128, 70 0, 90 128, 70 0, 90 128, 70 0, 90 128, 70 128, 70 0, 90 128, 70 128, 70 0, 90 128, 70 128, 70 0, 90 128, 70 0, 90 128, 70 0, 90 128, 70 0, 90 128, 70 128, 70 0, 90 128, 70 0, 90 128, 70 0, 90 0,	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Connent (PP Equipment (PP Equi	Sount    Foreign   0.00	Local   460, 80   1, 244, 60   1, 376, 60   107, 15; 53, 168, 53, 168, 74   31, 73   10, 00   10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Total (PP) (460, 80 1, 274, 60 1, 278, 60 214, 30 214, 30 32, 80 100, 0% 32, 80  Total (PP) 148, 20 83, 79 304, 50 1, 352, 40 205, 20 623, 60 (57, 60 128, 70 100 57, 60 57, 60 57, 60 57, 60 57, 60 57, 60 57, 60	7.0%  Romarks  Loss 2.0%  1.0%
#1001   Item No.   Wi3051    Poscription Forement tageonry Unskilled Labor Hiscellancous  Someonents (%) Unit Bais Wiscellancous covers the cost for joint Underground Cable Duct  Description Excavation. Backhoe 0. 35m3 Disposal of Surplus Soil (backhoe loadins) Backfill C Lawn Concrete (17MPs. max agg. 38mm) Concrete Fouring by Hanpower for small structures Concrete Curing (plain concrete) Electric Conduit Electric Conduit Electric Conduit Electric Conduit Unit Rate. Niscellancous covers the cost for minor Electric Cable to the cost for minor to the c	Unit Unit Unit Unit Unit Unit Unit Unit	Quantity  2.80 2.60 4.30 1.00  Quantity  3.00 0.90 2.10 0.92 0.90 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10	100. 0%, 00%, 00%, 00%, 00%, 00%, 00%, 00	Nat. 0. 0% 0	Popent ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	T Rate  1 Rate	100.0% 100.0% 50.0% 50.0% 50.0% 100.0% 50.0% 148.2% 48.2% 48.6% 50.7% 43.5% 98.9% 84.0% 56.0% 100.0% 100.0% 100.0%	Total (PP) 02 228.00 429.00 Total (PP) 65.30 576.00	460, 60 1, 224, 80 1, 376, 00 0, 00 3, 061, 40 93, 08 93, 38 93, 38 93, 38 93, 38 93, 38 93, 38 93, 38 93, 38 93, 38 93, 38 93, 38 94, 91 35, 40 35, 83 201, 16 5, 76 0, 00 57, 60 128, 70 0, 00 57, 60 128, 70 0, 00 57, 60 128, 70 0, 00 188,	Material 0.00 0.00 0.00 150.01	Conponent (FP Equipment   PP Equipme	Sount   Sount	.0cal   .460, 50   .246, 60   .376, 60   .	Total (PP) (PS) (PS) (PS) (PS) (PS) (PS) (PS)	7.0%  Remerks  Loss 2.0%	
#1001   Item No.   Wi3051    Poscription Foremen Magonry Unskilled Labor Miscellaneous Total Commonents (%) Mit Bate White Bate Wiscellaneous covers the cost for joint Underground Cable Duct Description Escavation. Backhoe 0.35m3 Oisposal of Surplus Soil (backhou loadins) Disposal of Surplus Soil (backhou loadins) Sackfill C Lean Concrete (17MPs. max agg. 38mm) Concrete Pouring by Manpower for smell structures Structures Concrete Curing (plain concrete) Electric Conduit Electric Conduit Electric Conduit Electric Conduit Electric Conduit Commonents (%) Unit Rate Miscellaneous covers the cost for minor Electric Cable Foreman Electric Cable Foreman Electric Cable Foreman Electric Cable Foreman Electric Cable Foreman Electric Cable Foreman Electrician Miscellaneous Total	Unit unit unit unit unit unit unit unit u	Quantity  3.00  4.30  5.000  9.000  9.000  1.00	100. 0%, 0%, 0%, 0%, 0%, 0%, 0%, 0%, 0%, 0%,	Nat. 0. 0% 0	Popent ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	T Rate  1 Rate	100.0% 100.0% 50.0% 50.0% 50.0% 100.0% 50.0% 148.2% 48.2% 48.6% 50.7% 43.5% 98.9% 84.0% 56.0% 100.0% 100.0% 100.0%	Total (PP) 02 228.00 429.00 Total (PP) 65.30 576.00	460, 60 1, 224, 80 1, 376, 00 2, 376, 140 93, 55, 40 93, 55, 40 35, 65  Labor 9, 63 6, 91 35, 40 35, 83 201, 16 5, 76 0, 00 57, 60 128, 70 0, 00 13, 38, 48, 15	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Connents (FF Equipment   FF Equipmen	Sount	Local   460, 80   1, 244, 60   1, 376, 60   107, 15   5, 168, 55   96, 74   31, 73   10, 00   10, 10, 10, 10   10, 10, 10   10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Total (PP) (460, 80 l. 224, 60 l. 224, 60 l. 214, 30 l. 214, 30 l. 215, 30 l.	7.0%  Romerks  Loss 2.0%	
#1001   Item No.   W0102   W0111   W0103   W0201   W0100   W01	Poscription Foremen Magonry Unskilled Labor Hiscellaneous Total Gomenents (%)  Unit Bate Hiscellaneous covers the cost for joint Underground Cable Duct  Description Excavation, Backboe C. 35m3 Disposal of Surplus Soil (backboe) Loadine Backfoe C. 17MPs. max agz. 38mn) Concrete Fouring by Hanpower for small structures Structures Concrete Curing (plain concrete) Electric Conduit Electric Coble Foreman Electric Cable Foreman Electric	Unit md md LS.  Unit may may may may may may may may may may	Quantity  0.80 2.60 4.30 1.00  SCOOP. br  Quantity  3.00 0.90 2.10 0.92 0.90 0.00 10.00 10.00 1.00 1.00 0.10 0.1	100. 0%, 00%, 00%, 00%, 00%, 00%, 00%, 00	Nat. 0. 0% 0	Boonent C C C C C C C C C C C C C C C C C C C	10 Rate 10 Rat	100.0% 100.0% 50.0% 50.0% 50.0% 100.0% 50.0% 148.2% 48.2% 48.6% 50.7% 43.5% 98.9% 84.0% 56.0% 100.0% 100.0% 100.0%	Total (PP) 02 228.00 429.00 Total (PP) 65.30 576.00	460, 60 1, 224, 80 1, 376, 00 0, 00 3, 061, 40 93, 08 93, 38 93, 38 93, 38 93, 38 93, 38 93, 38 93, 38 93, 38 93, 38 93, 38 93, 38 94, 91 35, 40 35, 83 201, 16 5, 76 0, 00 57, 60 128, 70 0, 00 57, 60 128, 70 0, 00 57, 60 128, 70 0, 00 188,	Material 0.00 0.00 0.00 150.01	Conponent (PP Equipment (PP Equipment )	Sount   Soun	.0cal   .460, 50   .246, 60   .376, 60   .	Total (PP) (460, 80 l. 224, 60 l. 224, 60 l. 214, 30 l. 214, 30 l. 214, 30 l. 214, 30 l. 214, 30 l. 214, 30 l. 214, 30 l. 214, 30 l. 215, 32 l. 20 l. 212 l.	7.0%  Romerks  Loss 2.0%
#1001   Item No.   W0102   W0111   W0103   W0201   W0100   W01	Poscription Foremen Magoniv Unskilled Labor Hiscellaneous Total Gommonents (%) Unit Bate Hiscellaneous covers the cost for joint Underground Cable Duct Description Excevation. Backboe 0.35m3 Disposal of Surplus Soil (backboe loadine) Backfol (17MPs. max agg. 38em) Concrete (17MPs. max agg. 38em) Concrete (Uning (plain concrete) Electric Conduit Electric Coble Foreman Electric Cable Foreman Electric Cable Foreman Electric Total Components (%) Unit Rate Wiscellaneous Total Unit Rate Wiscellaneous covers the cost for minor	Unit md md LS.  Unit m3 m3 m3 m3 m3 m3 m4 m6 m6 m6 m6 m6 m6 m6 m6 m6 m6 m6 m6 m6	Quantity  0.80 2.60 4.30 1.00  SCOOP. br  Quantity  3.00 0.90 2.10 0.92 0.90 0.00 10.00 10.00 1.00 1.00 0.10 0.1	100.0% (100.0%) (100.	Nat	ponent (	%) For. 0. 0%   50. 0%   50. 0%   50. 0%   60. 0%   75. 0%   60. 0	100.0%   1	Total (PP) 02 228.00 429.00 Total (PP) 65.30 576.00	460, 60 1, 224, 80 1, 376, 00 0, 00 3, 061, 40 9, 03 30, 63 93, 53 33, 65 1, 40 35, 63 35, 64 35, 64 35, 67 60 0, 00 128, 76 0, 00 128, 70 0, 00 13, 35 48, 15  Labor 0, 00 128, 70 0, 00 128, 70 0, 00 186, 3	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Conponent (PP Equipment (PP Equipment )	Sount   Foreign   0.00	Local   460, 80   1, 244, 60   1, 376, 60   1, 376, 60   107, 15; 3, 158, 596, 74; 31, 73   10, 00   10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Total (PP) (460, 80 l. 224, 60 l. 224, 60 l. 214, 30 l. 214, 30 l. 214, 30 l. 214, 30 l. 214, 30 l. 214, 30 l. 214, 30 l. 214, 30 l. 215, 32 l. 20 l. 212 l.	7.0%  Romerks  Loss 2.0%
#1001   Item No.   W0102   W0111   W0103   W0201   W02	Poscription  Foremen Magonry Unskilled Labor Hiscellaneous	Unit  md  md  LS  mortar  ma  ma  ma  md  md  md  md  md  md  md	Quantity  0.80 2.60 4.30 1.00  Quantity  3.00 0.90 2.10 0.92 0.90 10.00	100. 0%, 00%, 00%, 00%, 00%, 00%, 00%, 00	Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Coo   Mat.   Coo   Coo   Mat.   Coo   Co	Control   Cont	T Rate  T Rate	100.0% 100.0% 100.0% 50.0% 50.0%  Local 48.2% 48.2% 48.2% 48.5% 50.7% 43.5% 98.9% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	(PP) 576.00 471.00 320.00 471.00 320.00  Total (PP) 49.40 93.10 145.00 1.470.00 228.00 9.02 23.00 479.00 429.00  Total (PP) 62.30 576.00 429.00	460, 60 1, 224, 80 1, 376, 00 2, 376, 140 93, 351, 40 93, 353, 65  Labor 9, 63 6, 91 35, 40 35, 83 201, 16 5, 76 0, 00 57, 60 128, 70 0, 00 57, 60 128, 70 0, 00 128, 70 0, 00 128, 70 0, 00 128, 70 0, 00 128, 70 0, 00 128, 70 0, 00 128, 70 0, 00 128, 70 0, 13, 3% 18, 15  Labor 128, 70 0, 13, 3% 18, 15  Labor 128, 70 0, 13, 3% 18, 15  Labor 128, 70 0, 13, 3% 18, 15  Labor 18, 30 22, 1% 18, 64	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Conponent (PP Equipment )  A 200 A 2	Sount	Local   460, 80   1, 244, 60   1, 376, 60   107, 15   1, 60, 55   16, 74   1, 73   10, 00   10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Total (PP)  460, 80 1, 274, 60 214, 30 214, 30 3, 235, 70 100, 0% 32, 80  Total (PP)  148, 20 83, 79 304, 50 1, 352, 40 205, 20 8, 12 879, 60 623, 60 623, 60 623, 60 624, 70 35, 91 3, 625, 42 100, 0% 353, 91 7 Total (PP) 623, 60 128, 70 32, 37 841, 67 100, 0% 84, 20 284h	7.0% Romarks Loss 2.0% 1.0%
#1001	Poscription  Foremen Magenry Unskilled Labor Hiscellaneous  Total	Unit md ad ad ad ad ad ad ad ad ad ad ad ad ad	Quantity  0.80 2.60 4.30 1.00  Quantity  3.00 0.90 2.10 0.92 0.90 10.00	100. 0%, 00%, 00%, 00%, 00%, 00%, 00%, 00	Mat.   Coo	Bonent ( Baulin ( Bau	1 Rate  1 Rate	100. 0% 100. 0% 100. 0% 50. 0% 50. 0%  Local 48. 2% 48. 2% 48. 6% 50. 7% 43. 5% 98. 9% 100. 0% 100. 0% 100. 0% 50. 0%	(PP) 576.00 471.00 320.00 471.00 320.00  Total (PP) 49.40 93.10 145.00 1.470.00 228.00 9.02 23.90 576.00 429.00 429.00  Total (PP) 576.00 509.00 429.00 429.00 410.00 429.00 410.00 429.00	460, 60 1, 224, 80 1, 376, 00 2, 376, 140 93, 351, 40 93, 353, 65  Labor 9, 63 6, 91 35, 40 35, 83 201, 16 5, 76 0, 00 57, 60 128, 70 0, 00 57, 60 128, 70 0, 00 128, 70 0, 00 128, 70 0, 00 128, 70 0, 00 128, 70 0, 00 128, 70 0, 00 128, 70 0, 00 128, 70 0, 13, 3% 48, 15  Labor 128, 70 0, 13, 3% 18, 15  Labor 18, 30 22, 1% 18, 64	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Conponent (PP Equipment )  Amount of the control of	Sount	Local   460, 80   1, 246, 60   1, 376, 60   107, 15   1, 60, 8, 5   10, 00   107, 15   10, 00   10, 10   10,	Total (PP) (460, 80 l. 224, 60 l. 224, 60 l. 214, 30 l. 214, 30 l. 214, 30 l. 214, 30 l. 225, 20 l. 25, 20	7.0%  Romarks  Loss 2.0%  1.0%  Romarks  4.0%
#1001   Item No.   Mi3081   Lorg Lorg Lorg	Poscription  Foremen  Magenry  Unskilled Labor  Hiscellaneous  Total  Components (%)  Unit Bate  Wiscellaneous covers the cost for joint  Underground Cable Duct  Description  Excavation. Backhoe 0.35m3  Disposal of Surplus Soil (backhoe)  loadiil (1 (17MPs. max agg. 38mn)  Concrete (17MPs. max agg. 38mn)  Concrete Fouring by Manpower for small structures  Electric Conduit  Unit Rate  Wiscellaneous covers the cost for minor  Flectric Cable  Foreman  Electric Cable  Foreman  Electric Signal Post Type A (Mast Arms)  Description  Foreman  Fo	Unit md ad ad ad ad ad ad ad ad ad ad ad ad ad	Quantity  0.80 2.60 4.30 1.00  Quantity  3.00 0.90 2.10 0.92 0.90 10.00 0.10 0.30 1.00  Joint, tap  Joint, tap  Joint, tap  Joint, tap  Guantity  10.00 0.10 0.30 1.00  Joint, tap  Cuantity  Cuantity  Cuantity  Joint, tap	100.0%, 100.0%	Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Mat.   Coo   Coo   Mat.   Coo   Coo   Mat.   Coo	Control   Cont	1 Rate 1 Rate 2	Local   Local   48.2%   48.2%   48.2%   48.2%   48.2%   48.5%   50.7%   43.5%   50.0	(PP) 576.00 471.00 320.00 471.00 320.00 471.00 320.00  Total (PP) 49.40 93.10 145.00 1.470.00 228.00 9.02 23.90 429.00 429.00 429.00  Total (PP) 576.00 509.00 429.00 410.00 23.90 62.00 62.00 62.00 62.00 62.00 62.00 62.00 62.00 62.00 62.00 62.00 62.00 62.00 62.00 62.00 62.00 62.00 62.00	460, 60 1, 224, 80 1, 376, 00 2, 376, 140 93, 361, 40 93, 361, 40 93, 361, 40 93, 361, 40 93, 361, 40 94, 361, 40 95, 60 97, 60	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Connents (PP Equipment (PP Equ	Sount    Foreign	Local   460, 80   1, 244, 60   1, 376, 60   107, 15   1, 60, 85   96, 7%   31, 73   10, 00   10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Total (PP) (460, 80 1, 274, 60 1, 274, 60 214, 30 214, 30 100, 0% 32, 80  Total (PP) (47) 148, 20 83, 79 304, 50 1, 362, 40 205, 20 8, 12 879, 60 623, 60 623, 60 623, 60 624, 60 625, 60 625, 60 627, 60 628, 70 355, 91 3, 626, 42 100, 0% 363, 60 128, 70 32, 37 341, 67 100, 0% 84, 20 205 205 207 207 208 208 208 208 208 208 208 208 208 208	7.0%  Remerks  Loss 2.0%  1.0%  Remerks  4.0%
#1001   Item No.   W0102   W0201   W02	Poscription  Foremen Magonry Unskilled Labor Hiscellaneous	Unit md and LS morter ms and m	Quantity  0.80 2.60 4.30 1.00  0.90 2.10 0.90 2.10 0.90 10.00 0.10 0.10 0.30 1.00  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  Quantity  0.30 1.20 1.50 385.94 57.44 57.44	100. 0%, 00%, 00%, 00%, 00%, 00%, 00%, 00	Mat.   Coordinate   Coordinat	Control   Cont	1 Rate  1 Rate	100.0%   1	(PP) 576.00 471.00 320.00 471.00 320.00 471.00 320.00  Total (PP) 49.40 93.10 145.00 1.470.00 228.00 9.02 23.90 576.00 429.00 429.00 429.00 410.00 429.00 410.00 23.90 509.00 410.00 429.00 410.00 429.00 410.00 429.00 410.00 429.00 410.00 429.00 410.00 429.00 410.00 429.00 410.00 429.00 410.00 429.00 410	460, 60 1, 224, 80 1, 376, 00 2, 376, 140 93, 361, 40 93, 361, 40 93, 361, 40 93, 361, 40 93, 361, 40 94, 361, 40 96, 376, 60 97	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Connents (PP Equipment 1	Sount    Foreign	Local   460, 80   1, 244, 60   1, 376, 60   107, 165   1, 266, 74   31, 73   10, 00   10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Total (PP) (460, 80 1, 274, 60 1, 274, 60 214, 30 191, 376, 90 214, 30 190, 9% 192, 80  Total (PP) 148, 20 83, 79 304, 50 1, 362, 40 205, 20 8, 12 879, 90 (27, 60 (28, 70 (35, 91 (36, 26, 1) (36, 26, 1) (36, 26, 1) (36, 26, 1) (36, 26, 1) (36, 26, 1) (37, 60 (38, 30) (38, 30) (38, 30) (38, 30) (48, 30) (58,	7.0%  Remarks  Loss 2.0%  1.0%  Remarks  4.0%
#1001	Poscription  Forement thannow Unskilled Labor Hiscellaneous Total Commencers (%)  Wiscellaneous Total Stee Unit State Uni	Unit md md LS  Unit ms ms md md LS  Unit ms ms md md md md md md md md md md md md md	Quantity  Quantity  Quantity  3.00 0.90 2.10 0.92 0.90 0.00 0.10 0.00 0	100. 0% (100	Mat.   Com   Mat.   Com   Mat.   Com   Mat.   Com   Mat.   Com   Mat.   Com   Mat.   Com   Com   Mat.   Com   Com   Mat.   Com   C	Description   Description	1 Rate  1 Rate	Local   Local   48.2%   48.2	Total (PP) (PP) (PP) (PP) (PP) (PP) (PP) (PP	460, 60 1, 224, 80 1, 376, 00 0, 00 3, 061, 40 30, 65 30, 65 30, 65 30, 65 30, 65 30, 65 30, 65 30, 65 30, 65 30, 65 30, 65 30, 65 30, 65 30, 65 30, 65 30, 65 30, 65 30, 60 30, 60 30, 60 30, 60 31,	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Connents (FP Equipment   CP   Connents   CP   Connents   CP   Connents   CP   Connents   CP   Connents   CP   COnnents   CP   CP   COnnents   CP   CP   COnnents   CP   CP   CP   CP   CP   CP   CP   C	Sount    Foreign	Local   460, 80   1, 244, 60   1, 376, 60   1, 376, 60   107, 15   3, 158, 51   5	Total (PP) (PP) (PP) (PP) (PP) (PP) (PP) (PP	7.0% Remarks Loss 2.0% 1.0% Remarks 4.0%
#1001	Poscription Foreman Magonry Unskilled Labor Hiscellaneous  Commonents (%)  Unit Bate Hiscellaneous covers the cost for joint Underground Cable Duct  Description Excavation. Backhoe 0.35m3 Olisposal of Surplus Soil (backhoe) Loadine) Backfill C Leen Concrete (17MPs. max agg. 38mm) Concrete Pouring by Hanpower for smell structures Concrete Curing (plain concrete) Electric Canduit Electric Canduit Electric Canduit Electric Canduit Electric Conduit Electric Coble Foreman  Description  Electric Cable Leying  Description  Electric Cable Leying  Description  Electric Signal Post Type A (Mast Arms)  Description  Foreman Post Type A (Mast Arms)  D	Unit md md LS  Unit ms m md md LS  Unit ms m md md LS  Unit ms md md md LS  Unit ms ms md md md md md md md md md md md md md	Quantity  0.80 2.60 4.30 1.00  0.90 2.10 0.90 10.00 0.10 0.90 10.00 0.10 0.30 1.00  Joint, tap  Joint, tap  Joint tap  Futnish  Quantity 0.30 1.00  30 30 30 30 1.00  35 4.00	100. 0% (100	Mat.   Cor	ponent (	T Rate  T Rate	100.0% 100.0% 100.0% 50.0% 100.0% 50.0% 100.	Total (PP) 576.00 471.60 320.00  Total (PP) 576.00 576.00 576.00 509.00 410.00 20.20 21.50 586.00 586.00 586.00 586.00 586.00 586.00 586.00 586.00	460, 60 1, 224, 80 1, 376, 00 2, 376, 140 93, 351, 40 93, 351, 40 93, 351, 40 93, 351, 40 35, 83 201, 16 5, 76 0, 00 128, 70 0, 00 128, 70 0, 00 138, 70 13, 351 18, 64 15, 66 172, 80 185, 30 22, 78 18, 64 185, 60 186, 30 22, 78 18, 64	Material 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Connents (PP Equipment (PP Equ	Sount    Foreign   0.00	Local   460, 80   1, 244, 60   1, 376, 60   107, 165   1, 266, 75   10, 00   107, 165   10, 00   107, 165   10, 00   10, 105   10, 100	Total (PP) (460, 80 1, 274, 60 1, 274, 60 214, 30 3, 225, 70 100, 0% 32, 80  Total (PP) 148, 20 83, 79 304, 50 1, 362, 40 205, 20 8, 12 879, 60 (28, 70 35, 91 3, 625, 42 100, 0% 363, 60 128, 70 35, 91 3625, 42 100, 0% 8, 122 100, 0% 8, 122 100, 0% 8, 122 100, 0% 8, 128, 70 32, 37 841, 67 100, 0% 84, 20 20ct	7.0%  Romarks  Loss 2.0%  1.0%  Romarks  4.0%  Romarks  Loss 5.0%  Loss 5.0%  Loss 5.0%

VL102	Traffic Signal Post Type A (Mast Arms)	<u>14≈6,</u> 0	<u>m, Purnish</u>	ed									Unit:	1, 00	oach	
	, _ , _ , _ , _ , _ , _ , _ , _ , _ , _	T				. Մոi	t Rate						րկր <b>է</b>			
Item No.	Description	Unit	Quantity		Con	ponent (			Total			Component (PP)			Total	Remarks
1				Lab.	Mat,	Equip.	For.	Local	(PP)	Lapor	Material	Equipment	Foreign	Local	(PP)	
	fore≡an	md	0. 30		0, 0%	0.0%	0.0%	100.0%	576.00	172, 80]	0.00	0, 00	0.00	172.80	172,80	
	Welder	pad	Į. 20		0.0%	0, 0%	0.0%	100.0%	509.00	610.80	0, 00	0.00	0.00	610.80	610, 80	
	Skilled Labor	pad	l. 60		0,0%	0.0%	0.0%	100,0%	410.00	615.00	0,00	\$,00	0,00	615.00	615,00	
	Steel Pipe	kg	352, 49		100.0%	0.0%	70,0%	30.0%	23, 90	0, 00	8, 424. 5t	6.00	5, 897. 16	2, 527, 35	8, 424. 51	Loss 5.0%
	Structural Steel (Plates, SS400)	kr	57. 44	0.0%	100,0%	0.0%	70,0%	30.0%	20, 20	0.00	(, 180, 29	0.00	812.20	348, 09	I, 150. 29	Loss 5. 0%
	Structure! Steel (Round Bar, \$\$400)	kg	8. 61	0. 0X	100.0%	0.0%	70.0%	30.0%	21.80	0.00	185, 62	0,00	129, 86	66.66	185, 52	Loss 5. 0%
	Welding Machine 250A	day	l. 20		39. 8%	60.2%	58, 6%	41.4%	688, 00	0.00	234. 02	353. 98	344, 48	243. 52	588. 00	
	Generator 101-150 kW	day	1, 20	0.0%	52. 2%	47, 8%	59.9%	40 1%	3, 610, 00	0.00	2, 261, 30	2, 070, 70	2, 597, 01	1, 734, 99	4, 332, 00	
	Cargo truck 9.0-10.0t	hr	0, 21	9.7%	15, 4%	74.9%	50. 7%	49.3%	861.00	17. 54	27. 84	135, 43	91.63	89, 18	(80, BL	
	Miscellaneous .	LS	1, 00	2.0%	45.0%	53, 0%	55,0%	45, 0%		97. 62	2, 196. 4L	2, 586, 89	2,684,5]	2, 196, 41	4,880,92	<u>2</u> 0, 0%
	Total									1, 513, 76	14, 489, 91	5, 146, 99	12, 556. 85	8, 593, 80	21, 150, 65	
	Components (%)									7. 2X	68, 5%	24.3%	59. 4%	40.6%	[00, 0%]	
	Unit Rate	each								1.517.29	14, 523, 72	5, 159, 00	12, 586, 15	8, 613, 65	21, 200, 00	
	Miscellaneous covers the cost for fittir	igs, pa	inting, hau	lage, ove	rhead a	nd facili	ties of	fabricat	or, etc.				•	-		

		1				Uni	t Rate				•	Ama	unt			
Item No	Description	Unit	Quantity		Cor	ponent (	%)		Total			Component (PP)			Total	Remarks
				Lab,	Mat.	Eguip.	for.	Local	(PP)	abor	Material	Equipment	Foreign	Local	(PP)	
L002	Foreman	nd.	0, 20	100.0%	0.0%	0.0%	0.0%	100.0%	576,00	115. 20	0.00	0, 00	0,00	115. 20	116.20	
L009	Welder	and l	1.00	100,0%	0, 0%	0,0%	0,0%	100,0%	509, 00	509.00	0.00	0.00	9.00	509.00	509.00	
- f.01a	Skilled Labor	rad .	1, 20	100,01	0.0%	0, 0%	0. OX	100,0%	410.00	492.00	0.00	0.00	0.00	492, 00	492,00	
M02031	Steel Pipe	kg	55, 97	0.01	100, 0%	0.0%	70, 0%	30.0%	23,90	0.00	1, 337, 68	0.00	936, 38	401, 30	1, 337, 68	Loss 6, 0
M02015	Structural Steel (Plates, SS400)	kg	21.00	0.0%	100,0%	0.0%	70, 0%	30, 0%	20, 20	0.00	424. 20	0.00	295. 94	127, 26	424. 20	Lass 5,0
	Structural Steel (Round Ber, SS400)	kg	5. 36	0. 0x	100.0%	6.0%	70. OX	30,0%	21, 80	0.00	116,85	0,00	81, 80	35, 06	116, 85	Lass 5,0
	Welding Machine 250A	day	1.00	0.0%	39.8%	60.2%	58. 6%	41.4%	588.00.	0.00	234.02	353. 98	344, 48	243. 52	688. QO	
	Generator  0 - 50 k₩	day	1,00	0. 0X	52, 2X	47. 6%	59, 9%	40. IX	3, 610, 00	0.00	1, 884, 42	1,726.58	2, 164, 17	1, 445, 83	3, 810, 00	
R0602-009	Cargo truck 9.0-10.0t	hr	0.04	9.7%	15, 4%	74.9%	50, 7%	49.3%	861.00	3.34	5.30	25, 80	17.45	16, 99	34. 44	
	Miscellaneous	1.5	1,00	2.0%	45.0%	53. 0%	55. 0%	45.0%		43, 36	976, 69	1, [49, [5]	1, 192, 52	975.69	2, 168, 21	30,0%
	Total									1, 162, 90	4, 978, 17	3, 254, 50	5, 033, 74	4, 361, 84	9, 395, 56	
	Components (%)									12.4%	53, 0%	34.6%	53.6%	46, 4%	100,0%	
	Unit Rate	each						T		. 1, 63, 45	4,980,51	3, 256, 03	5, 036, [1	4, 363, 89	9, 400, 00	

V1104	Traffic Signal Posts Type C 6 114. 3mm	# 3.4m	, Furnishe	d									Unit:	1,00	each	
		"-					r Rate						unt			
Item No.	()escription	Unit	Quantity		Con	ponent	(%)		Total			Component (PP)			Total	Remarks
		L	!	Lab.	Mat	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
L002	Foreman	md	0.20	100, 0%	0,0%	0,0%	0, 0%	100,0%	576.00	115.20	0.00	0.00	0. 00	115. 20	115. 20	
	Wel der	and	1,00	100.0%	0.0%	0.0%	6.0%		509. 00	509.00	0,00	0,00	0, 00	609.00{	509, 00	
L019	Skilled Labor	md	1.20	100,0%	0,0%	0.0%	0.0%	100.0%	410.00	492.00	0, 00	0.00	0.00	492.00[	492, 00	
102031	Steel Pipe	kg	45.26	0.0%	100,0%	0,0%	70.0%	30,0%	23.90	0.00	1.081.71	. 0.00	757, 20	324, 51	1,081.71	Loss 8.0%
MO2015	Structural Steel (Plates, SS400)	kg	21.00	0.0%	100,0%	0.0%	70.0%	30.0%	20. 20	0.00	424, 20	0.00	296. 94	127. 26	424, 20	Loss 5.0%
	Structural Steel (Round Bar, SS400)	kg	5, 36	0.0%	100,0%	8,0%	70,0%	30.0%	21, 80	0,00	116.85	0.00	81.80	35, 06	116.86	Lose 5.0%
RQ901-025	Welding Machine 250A	day	1.00	0.0%	39, 8%	60. 2%	58, 6%	41.4%	588.00	0.00	234.02	353. 98	344. 48	243, 52	588, 00	
	Generator IOI-150 kW	day	1.00	0.0%	62. 2%	47. 8X	59, 9%	40.1%	3, 610, 001	0.00	1, 884, 42	1,725.68	2, 164, 17	l, 445, 83	3.610.00	
R0602-009	Cargo truck 9.0-10.0t	l hr	0.04	9.7%	15, 4%	74. 9X	50, 7%	49,3%	861.00	3, 34}	5.30	25. BO	17.45	16, 99	34, 44	Ī
	Miscellangous	LS.	1.00	2.0%	45.0%	53. DX	55, 0%	_45, 0%		41,63	941, 14	1, 108, 45	1, 150, 28	941, 14	2,091.42	30.0%
	Total									1, 161, 37	4,687.65	3, 213, 80	4,812.32	4, 250, 50	9, 062, 82	
	Components (%)									12, 8%	51,7%	35.5%	63, 1%	46, 91	100.0%	
	Vait Rate	each								1. 161.01	4,686.19	3, 212, 80	4,810,83	4, 249, 17	9, 060, 00	

W1105	Pedestrian Signal Posts Type D # 114.3	Ban x 3	.Om, Furni	shed									Uniz:	1,00	each	
	l' .						t Rate						unt			
Item No.	Description	Unit	Quentity		Cor	форерц	%)		Total			Component (PP)			Total	Remarks
	f			Lab.	Mat.	Equip.	For,	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
	Foreman	md	0.20	100, 0%	0, 0%		0.0%	100,0%	576.00	116.20	0.00	0.00	0, 00	115. 20	115, 20	
	Welder	md	1.00	100.0%	0.0%		0,0%	100, Q%	509.00	509.00	0.00	0.00	0.00	509, 00	509.00	f
	Skilled Labor	md	1, 20	100.0%	0.0%		0,0%	100,0%	410.00	492.00	0.00	0.00	0.00	492. 00	492.00	ŀ
	Steel Pice	kg	40. DI	0.0%	100.0%		70.0%	30.0%	23, 90	0, 00	956, 24	Q. QO	669, 37.	265, 67	956. 24	Losa 6.0%
MO20   6	Structural Steel (Plates, SS400)	kg	21,00	0,0%	100.0%		70.0X	30.0%	20, 20	0.00	124, 20	0,00	296, 94	127. 26	424. 20	Loss B. OX
	Structural Steel (Round Bar, SS400)	kg	5. 36	0,0%	100,001		70.0%	30, 0X	21,80	0,00	116.85	0.00	81.60	36, 06	116,85	Lose 5, 0%
R0901-025	Welding Machine 250A	day	1,00	0,0%	39.8%	BO, 2%	58.6%	41.4%	588.00	0.00	234.02	353.98	344.48	243. 52	588,00	
R1001-150	Generator 101-150 kW	day	1.00	0,0%	E2. 2%	47.8%	59, 9%	40. 1%	3, 610, 00	0, 00	1,684,42	1.726.58	2, 164, 17	1, 445, 83	3, 610. 00	
R0602-009	Cargo truck 9, 0-10, 0t	hr	0.03	9, 7%	15. 4%	74.9%	50, 7%	49, 3%	861.00	2. 61	3,98	19, 35	13,09	12.74	25, 63	
	Miscellaneous	LS	1.00	2,0%	45.0%	53. O%	55.0%	45, 0%		41,02	923, 04	1,087.13	1, 128, 16	923, 04	2,051,20	30,0%
	Total									1, 159, 73	4, 542, 75	3, 186, 01	4,698.01	4, 190, 5)	9, 888, 52	
	Components (X)									13.0%	51, 1%	35.8%	52. 9%	47.1%	100, 0%	
	Unit Rate	each						2.(.)		, 159, 92	4,543,51	3, 186, 57	4, 598, 79	4, 191, 21	8, 890, 00	

1	11201	Street Lighting Pole (single lamp), fu	urnishe	d										Unit:	1,00 e	each	
ſ								t Rate						unt			
- !	ltem No.	Description	Unit	Quantity			ponent (			Total			Component (PP)			Total	Remarks
L			!		Lab.	Mat.	Equip.	For.	Loca	(99)	Labor	liateria!	Equipment	Foreign	Loc at	(PP)	
- [	1.002	Foreman	md	0, 20	100. GX	0,0%	0.0%	0,0%	100,0%	576, 00	115, 20	0,00		0.00	115, 20	115, 20	
- 1	1,009	Welder	nd !	1, 20	100.0%	0.0%	0.0%	0. OX	100. OX	509, 00	610. BO	0,00	0,00	0.00	610. BO	610.80	
- 1	1.019	Skilled Labor	med	1, 50	100.0%	0.0%	0.0%	0. 0X	100.0%	410.00	615, 00	0,00	0,00	0,00	615, 00	615.00	
- 1	1602031	Steel Pipe	l is l	231, 21	0,0%	100.0%	0.0%	70.0%	30. OX	23.90	0,00	5, 525, 92	0.00	3,868,14	1, 657, 78	6, 525. 92	Loss 5,0%
	102015	Structural Steel (Plates, SS400)	l ker l	31.08	0. 0X	100.0%	0.0%	70, 0X i	30. OX	20, 20	0, 80	627, 82	0,00	439, 47	168, 35	627. 82	Loss 5.0%
- 1		Structure: Steel (Round Bar, SS400)	kg	8, 51	0.0%	100.0%	0.0%	70, 0%	30.0%	21.80	0.00	185, 52	0,00	129, 68	55, 66	185, 52	Loss 5.0%
		Welding Machine 250A	day	1.20	0. 0X	39.8%	60. 2%	58. 6%	41.4%	688,00	0.00	234.02	353, 98	344, 48	243, 52	688, 001	
		Generator 101-150 kW	day	i. 20	0.0%	62.2%	47. 6%	59. 9%	40.1%	3, 610, 00	0.60	2, 261, 30	2, 070, 70	2, 597, 01	L. 734, 99	4, 332, 00	
		Cargo truck 9.0-10.0t	hr.	0.14	9. 7X	15.4%	74, 9%	50, 7X	49. 3X	861.00	11,69	18.66	90, 28	61.09	59, 45	120, 64	1
		Miscellangous	l is l	1,00	10.0%	30, 04	60.0%				381.62	1, 144, 87	2, 289, 74	1, 908, 12	1, 908, 12	3,816,24	30.0%
r		Total	-		. 14. 4.7				- 55, 575		1, 734, 32	9, 998, 02	4, 804, 70	9.348.18	7, 188, 86	16, 537, 04	
- 1-		Components (%)									10.5%	60. 5%	29. 1%	56.5%	43, 6%	100, 0%	
r		Unit Rate	each						****		1, 730, 43	9, 975, 63		9, 327, 24	7, 172, 76	16, 500, 00	
_		Miscellaneous covers the costs for fitti		torboad and	feet1/e	00.05.5	huisasa		Da ota		FI 100, 191	- 9, 910, 951				15,300,00	

V1202	Street Lighting Pole (double lamp), f		;										Unit:	1,00 4	each	
		T					t Rate						unt			
Item Na.	Description	Unit	Quantity	Lab.	Hat.	Equip.	for.	Local	Total (PP)	Labor	Material	Companent (PP)	Foreign	Local	Total (PP)	Remarks
L002	Foreman	nd	0, 20	(00, 0%	0,0%		0.0%	100.0%	876.00	115, 20	0,00	0.00	0, 00	115, 20	115. 20	
1.009	Velder	⊯d	1,20	100.0X	3 0,0%	0.0%	0. OX	100,0%	609.00	610. 80	0.00	Q. QO	0.00	610.80	BLQ. BO	
L019	Skilled Labor	red	1,60	LCD, 0%	0.0%	0,0%	0.0%	100.0%	410,00	615, 00	0.00	0,00	0.00	615. QO	815.00	
MO2031	Steel Pipe	ke	243, 92	0.0%	100.0X	0.0	70,0%	30, 0%	23.90	0,00	5, 829, 69	0, 00	4,080,78	1,748,91	6, 829, 69	Loss 5.
M02015	Structural Stepl (Plates, SS400)	kg	37, 28	0.0%	100,0%	0. 0%	70.0%	30.0%	20, 20	0.00	753, 06	0,00	527. t4	225, 92	753, 08	Lose 5.
3102011	Structure) Steel (Round Bar, SS400)	kg	8. BL	0.0%	100.0%	0.0%	70, 0%	30,0%	21,80	0,00	185,62	0, 00	129, 65	55, 66	185, E2	Loss 6. (
	Welding Nachine 250A	day	1, 20	0.0%	39.8%	60, 2%	58, 6%	41, 4%	688. 00	0.00	234. 02	353, 98	344, 48	243. 82	586.00	
	Generator 101-150 kW	day	1, 20	0.0%	52.2X	47, 8%	59. 9%i	40.1%	3, 610, 00	0.00	2, 261, 30	2, 070, 70	2, 597, 01	L. 734. 99	4, 332, 00	
	Cargo truck 9.0-10.0t	hr	0.15		15.4%		50. TX	49, 3%	861.00	12.53	19.69	96.73	65, 45	63, 70	129, 15	
	Miscellaneous	LS	1.00		30.0%		50.0%			394.75	1, (84, 26	2, 368, 52	1, 973, 76	1, 973, 76	3, 947, 53	30.0%
	Total									1, 748. 28	10, 167, 74	4, 889, 92	9,718.49	7, 387, 45	17, 105, 95	
	Components (X)	T					7			10, 24	61,2%	28.6%	56. B%	43, 2%	100,0%	
	Unit Rate	each						$\overline{}$		1, 747, 67	10, 464, 11	4, 888, 22	9.715.12	7, 384, 86	17, 100, 00	

V2001 Item No.	Reavy Equipment Assembly & Disessemb)  Description	Unit	Quantity	<u> </u>	Cr	Մլ արգո <b>ցո</b> ւ	it Rate		Total	<u> </u>		Component (P	Unit: Imount P)	1.00	Total	Remarks
LOIS	Skilled Labor	md	18. 55	Lab.	Mat. 0.0%	Equip.	For, 0.0%	Local 100.0%	(PP) 410, 00		Natorial 0.00	Equipment 0,00	Foreign 0.00		(PP) 7, 605. 50	2
R0402-020	Truck Crane, Hydraulic 11-15t Truck Crane, Hydraulic 16-20t Truck Crane, Hydraulic 21-25t	hr hr hr	12, 96 18, 61 0, 00	7.0%	7.7%	85.3%	51,5%	48.5%	1,070.00	1,393.89	1, 533, 26	16, 985, 5	10, 245, 56	9, 667, 14	19, 912, 70	)
R0402-030	Truck Crane, Hydreulic 26-30t Truck Crane, Hydraulic 31-35t	hr hr	0.00	5.19	7.35	87.6% 89.1%	52, 2% 52, 4%	47. 8% 47. 6%	1,470.00 1,680.00	0,00	0,04	0.00	0, 00 0 0, 00	0.00		0
	Miscellaneous Fotal	I.S	1.00	0.0%	<u> 60. 03</u>	50.0%	55, 0%	45.0X		9, 969, 90	3, 259, 6	7 27, 263. 83	16, 872, 49	23, 620, 91		1
	Components (%) Unit Rate Miscellaneous covers the cost for greas	LS LS	cleant. min	or tools	B.C.	<u> </u>				9, 971, 52				58. 3X 23, 624, 76		
	**************************************			· · · · ·	lestion	No.	Wk (t)	labor	Require	ed Days of Tr	uck Crane far	Assembly & Di	sassembly	] % (t)	₩b (t)	7
	Bulldozer	- 0 07	07110 + 0 01	1	5t	0 2	14. 8	(day)	11-15t 0,00 2,27	1	21-25t	26-301	31-35t	14.60 20.58	0.00	
	Crane operation days Romaining Part Woight Wz	= 0.03		il .	lı	'	21.9	3, 51	2.27	1	ļ			. 20.88	1.34	Ì
	Crawler Crane	= 0, 20	- 63Wk + 0.08	22	. 5t -27t	0	26. 6 27. 8			0, 00 0, 00	ıl .			20. 77 20. 93	5, 83 6, 87	'
	Crane operation days Remaining Part Weight Wz	0, 02 0, 137	184k + 0.84 94k + 17.10	)  4	-37t Ot Ot	0	36. 2 41. t 49. 8	0		3.26	0.00	e	ļ	22, 09 22, 77 23, 97	14, 11 18, 33 25, 63	i]
	All Casing Excavator				Qt	ļĕ	65.6	Ď		<u> </u>		0,00	) <del> </del>	28, 15	39, 45	
	Labor Crane operation days	= 0,03	83Wk + 2.82 76Wk + 0.86	φ 1500m	1X	0	24. 0 39. 0	0	0. 00 0. 00		ļ			22, 36 24, 89	1. 64 16. 01	
	Remaining Part Weight Wz . Total Operation hours per day	0, 158	9WK + 18, 55	4 2000m	ıx	<u>V</u>	49.0	18, 55	2, 27	0,00 3,26 5,71	0. 00 5. 71	0.00	0.00	26,34	22,66	1
	Remaining Part We		b = Wk - Wz			L	L.	<u> </u>	- 25.71			*				J
#2002	Transportation of Disassembled Equips		A	T		Un openent	it Rate		Tatal			Component (P	Unit:	1,00	LS Total	Paraulta.
Item No. R0604-020	Description Trailer 20t	Unit	Quantity 0.00	Lab. 3. 9x	lla t	Equip. 85.4%	For. 53, 3%	Local 46.7%	(PP) 1, 670. 00	Labor 0,00	laterial 0,00	Equipment	Poteign	1,0ca 0.00	(PP) 0,00	Romarks
R0504~045	Trailer 45t Cargo truck 9.0~10.0t	hr hr	18,00	2.4% 9.7%	8.2%		63, 9%	46.  % 49. 3%	2, 700, 00	1, 503, 31	3, 985, 20 2, 386, 69	43, 448, 40 11, 608, 00	26, 207, 85 7, 853, 83	7, 544, 17	48, 600, 00 16, 498, 00	
	Miscellaneous Total	. 1,5	1,00	<b> </b>						0, 00 2, 669, 71	6, 371, 89 9, 9x	55, 056, 40	34,061,68		0,00 64,098,00 100,0%	
	Components (%) Unit Rate	1,3				L				2, 669, 79	6, 372, 09	55, 058, 12	34, 062, 74	30,037,26	64, 100, 00	
				No.	W2 (t)		n•Wb	Tı	ips of Trail	45t	Cargo Truck 9. 0-10. 0t		Travel hour/1	rip = a + 2·1.		
	Bulldozer Crawler Crane		151 211 22, 51	0 2 0	14.60 20,56 20,77		2, 68 0		0	200			a: Loading Ti	- ina 4	4. 50 9. 50	
	Classes Class	,	25~27t 35~371	0 2	20, 93	6, 87	0 28, 22		ō o	0 2			L: Travel Dis V: Travel Spe	tance =	50.00	km km/hr
			401 501	0	23, 97	25, 83	0		0	0				·		
	All Casing Excavator	,	60t \$ 1200max \$ 1500max	0 0 0	26. 15 22. 36 24. 89	1.64	0 0 0		0 0	0						
	Total Trips	ı	ф 2000max	ő	26. 34		0 30, 9		å o	ŏ	4	(= Σn•Wb/9.5	5/0. 85)			
₩2003	Other Equipment & Material Haulage			,									Unit:	1.00	LS	·
Item No.	f	I	1				t Rate									
TENN NO.	Description	Unit	Quantity	Lab		rpanent Fauin		Local	Total (PP)	Labor	Waterial	Component (Pi		Local	Total (PP)	Remarks
80604-020	Description  Trailer 20t Cergo truck 9.0-10.0t	hr hr	4.50 90.00		Nat. 10.7% 15.4%	Equip. 85, 4% 74, 9%	For, 53, 3% 50, 7%	Local 46. 7% 49. 3%	Total (PP) 1, 870, 00 861, 00	Labor 293, 09 7, 516, 53	Waterial 804.11 11,933.46	Compenent (Pi Equipment 6,417,81 58,040.01	Foreign 4,005.96 39,269.14	1,00g) 3,509,04 38,220,86	(PP) 7, 515.00 77, 490.00	
80604-020	Trailer 20t Cergo truck 9.0-10.0t Hiscellaneous Total	br	4.50	3, 9% 9, 7%	Nat. 10.7% 15.4%	Equip. 85, 4% 74, 9%	For, 53, 3%	46. 7%	(PP) 1, 670, 00	293, 69 7, 516, 53 0, 00 7, 809, 62	804. l l l l. 933. 46 425, 03 l 3, 162. 68	Compenent (Pi Equipment 6, 417, 81 58, 040, 01 425, 03 64, 882, 85	Foreign 4, 005, 96 39, 269, 14 467, 53 43, 742, 83	3, 509, 04 38, 220, 86 382, 52 42, 112, 42	(PP) 7, 515, 00 77, 490, 00 850, 05 85, 855, 05	
80604-020	Trailer 20t Cerro truck 9,0-10.0t Miscellaneous	hr hr	4.50 90.00	3, 9% 9, 7%	Nat. 10.7% 15.4%	Equip. 85, 4% 74, 9%	For, 53, 3% 50, 7%	46. 7% 49. 3%	(PP) 1, 670, 00	293, 09 7, 516, 53 0, 00	804. l l l l. 933. 46 425, 03	Component (PF Equipment 6, 417, 81 58, 040, 01 425, 03 64, 882, 85 75, 63	Foreign 4, 005, 96 39, 269, 14 467, 53 43, 742, 83	3, 509, 04 38, 220, 86 382, 52	(PP) 7, 515, 00 77, 490, 00 850, 05	
80604-020	Trailer 20t Cerro truck 9.0-10.0t Misceliansous Total Components (%) Unit Rate  Number of Trips  Trailer 20t	hr hr LS	4. 50 90. 00 1. 00	3, 9% 9, 7% 0, 0%	Nat. 10.7% 15.4%	Equip. 85, 4% 74, 9% 50, 0%	For, 53, 3% 50, 7% 55, 0%	46. 7% 49. 3% 45. 0%	(PP) 1, 870, 00 861, 00 *L./V	293, 69 7, 516, 53 0, 00 7, 809, 62 9, 13 7, 813, 70	804. 11 11, 933. 46 425, 03 13, 162. 59 15, 3%	Component (PF Equipment 6, 417, 81 58, 040, 01 425, 03 64, 882, 85 75, 63	Foreign 4, 005, 96 39, 269, 14 467, 53 43, 742, 83 50, 9%	3, 509, 04 38, 220, 86 382, 52 42, )12, 42 49, 1%	(PP) 7, 615, 00 77, 490, 00 850, 05 85, 855, 05 100, 0%	
80604-020	Trailer 20t Cermo truck 9,0-10.0t Hiserlanceus Total Communia (A) Hint Rate Number of Trips	hr hr LS	4. 50 90. 00 1. 00	3, 9% 9, 7% 0, 0%	Nat. 10.7% 15.4%	Equip. 85, 4% 74, 9% 50, 0% Fravel 1 6: Loadi L: Trave	For, 53,3% 50,7% 55,0% aur/trip	46.7% 49.3% 45.0%	(PP) 1, 670, 00 861, 00  *L./Y 4, 60 0, 50 50, 00	293, 69 7, 516, 53 0, 00 7, 809, 62 9, 13 7, 813, 70 hr hr km	804. 11 11, 933. 46 425, 03 13, 162. 59 15, 3%	Component (PF Equipment 6, 417, 81 58, 040, 01 425, 03 64, 882, 85 75, 63	Foreign 4, 005, 96 39, 269, 14 467, 53 43, 742, 83 50, 9%	3, 509, 04 38, 220, 86 382, 52 42, )12, 42 49, 1%	(PP) 7, 615, 00 77, 490, 00 850, 05 85, 855, 05 100, 0%	
R0604-020 R0602-009	Trailer 20t Cerso truck 9.0-10.0t Hiscaliansous Total Components (A) Unit Rate Number of Trips Trailer 20t Cargo truck 9.0-10.0t	br br LS	4. 50 90. 00 1. 00	3, 9% 9, 7% 0, 0%	Nat. 10.7% 15.4%	Equip. 85, 4% 74, 9% 50, 0% Fravel 1	For, 53,3% 50,7% 55,0% aur/trip	46.7% 49.3% 45.0%	(PP) 1, 870, 00 861, 00 *L./Y 4, 60 0, 50	293, 69 7, 516, 53 0, 00 7, 809, 62 9, 13 7, 813, 70 hr hr km	804. 11 11, 933. 46 425, 03 13, 162. 59 15, 3%	Component (PF Equipment 6, 417, 81 58, 040, 01 425, 03 64, 882, 85 75, 63	7) Foreign 4,005,96 39,269,14 467,53 43,742,63 50,98 43,765,53	3, 509, 04 38, 220, 86 38, 82, 52 42, 112, 42 49, 13, 42, 134, 47	(PP) 7, 515,00 77,490,00 850,05 85,855,05 100,0% 85,900,00	
80604-020	Trailer 20t Cerro truck 9.0-10.0t Misceliansous Total Components (%) Unit Rate  Number of Trips  Trailer 20t	br br LS	4. 50 90. 00 1. 00	3, 9% 9, 7% 0, 0% trip	Mat. 10. 7% 15. 4% 50. 0%	Equip.  85, 4% 74, 9% 50. 0%  Fravel 1 a: Loadi L: Trave Un	For. 53,3% 50,7% 55,0% 55,0% in Time I Distant I Speed	46. 7% 49. 3% 45. 0%	(PP) 1, 670, 00 881, 00 881, 00 -L/V 4, 50 0, 50 50, 00 25, 00	203, 69 7, 516, 53 7, 809, 62 7, 809, 62 7, 813, 70 hr hr km/hr	804. II II. 933. 46 425, 03 I3. I62. 69 I5. 30 I3. I69. 4B	Component (Pi Equipment 6, 417, 81 6, 417, 81 68, 040, 01 425, 03 64, 882, 85 75, 68 64, 915, 81	Proim 4.005.96 39.269.14 400.53 43.742.63 50.98 43.765.53	3, 509, 04 38, 220, 86 382, 52 42, 112, 42 49, 13, 42, 134, 47	(PP) 7, 615.00 77, 490.00 850.05 85, 855.05 100.0% 85, 900.00	
R0604-020 R0602-009	Trailer 20t Cerso truck 9,0-10.0t Hisceliansous Total Commonts (%) Unit Hate  Number of Trips  Trailer 20t Cerso truck 9,0-10.0t  Establishment of Temporery Sits Office Description  Temporary Site Office/Yard	br br LS ES	4.50 90.00 1.00 1.00	3,9% 9,7% 0.0% trip trip	Mat. 10. 7% 15. 4% 50. 0%	Equip. 85, 4% 74, 9% 50.0% Fravel t a: Loadi	For. 53,3% 50,7% 55,0% 55,0% in Time I Distant I Speed	46. 7% 49. 3% 45. 0%	(PP) 1, 670, 00 861, 00 	203, 69 7, 516, 53 7, 809, 62 9, 13 7, 813, 70 hr hr km km/hr Labor 34, 500, 00	804.11 11.933.46 425.03 13.162.69 13.162.69 13.169.48	Component (F)  Guipment  6, 417, 81  68, 940, 94  425, 03  64, 882, 85  64, 915, 8]  Component (F)  Equipment  138, 900, 900	Profign 4,005.96 39,269.43 467.53 4,742.83 45,742.83 45,745.53  Unii: nount  Foreign 155,250.00	3, 509, 04 39, 220, 86 392, 52 42, 112, 42 42, 124, 47 42, 134, 47	(PP) 7, 615, 00 77, 490, 00 850, 05 85, 855, 05 100, 0% 85, 900, 00  LS  Total (PP) (4P) 345, 000, 000, 000	1.0%
R0604-020 R0602-009	Trailer 20t Cerso truck 9.0-10.0t Hiscellaneous Total Commonsts (%) Unit Rate Number of Trips Trailer 20t Cargo truck 9.0-10.0t Establishment of Temporary Sits Office Description	br br LS &S • & Yan Unit	4.50 90.00 1.00	3,9% 9,7% 0.0% trip trip	Mat. 10. 7% 15. 4% 50. 0%	Equip.  85, 4% 74, 9% 50. 0%  Fravel 1 a: Loadi L: Trave Un	For. 53,3% 50,7% 55,0% 55,0% in Time I Distant I Speed	46. 7% 49. 3% 45. 0%	(PP) 1, 670, 60 881, 00 	203, 69 7, 516, 53 0, 00 7, 809, 62 7, 813, 70 hr hr hr km km/hr Labor 34, 500, 00 34, 500, 00 40, 00	804.11 11.933.46 425.03 13.162.63 15.2% 13.169.48 141.07.500.00 172.500.00 172.500.00	Component (F) 6, 417, 81 68, 040, 00 425, 03 64, 882, 03 64, 882, 03 64, 915, 81  Component (F) Equipment 138, 000, 00 138, 000, 00	Proving 4,005,96 4,005,96 9,40 9,50 9,60 9,60 9,50 9,50 9,50 9,50 9,50 9,50 9,50 9,5	3, 509, 04 36, 220, 86 382, 52 42, 112, 49, 13, 42, 134, 47, 1, 00 Local 189, 750, 00 189, 750, 00 189, 750, 00 189, 750, 00	(PP) 7, 515.00 77, 490.00 850.05 85, 855.05 85, 855.05 86, 900.00  1.5  Total (PP) 345,000.00 345,000.00 345,000.00	1.0%
80604-020 80602-069	Trailer 20t Cerso truck 9.0-10.0t Hiscalianeous Total Commonsts (%) Unit Rate Number of Trips Trailer 20t Cargo truck 9.0-10.0t Establishment of Temporary Sits Office Description Temporary Sits Office/Vard Hiscalianeous Total Commonsts (%) Unit Rate	br hr LS	4.50 90.00 1,00 1,00	3.9% 9.7% 0.0% trip trip	Lio. 7, 10, 7, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	Equip.  85, 4% 74, 9% 50. 0%  Fravel 1 a: Loadi L: Trave Un	For. 53,3% 50,7% 55,0% 55,0% in Time I Distant I Speed	46. 7% 49. 3% 45. 0%	(PP) 1, 670, 60 881, 00 	203, 69 7, 516, 53 7, 516, 53 7, 809, 62 9, 13 7, 813, 70 hr hr km km/hr  Labor 34, 500, 00 34, 500, 00	804, II IL, 933, 46 425, 03 13, 162, 68 15, 28 13, 169, 48 Uaterial 172, 500, 00 0, 00 0, 72, 500, 00	Component (F) 6, 417, 61 68, 040, 00 425, 03 64, 882, 03 64, 882, 03 64, 915, 81  Component (F) Equipment 138, 000, 00 138, 000, 00 139, 000, 00	Proving 4, 1005, 96 39, 269 14 467, 53 43, 745 53 50, 98 43, 765 53 50, 98 43, 765 53 50, 98	3, 509, 04 36, 220, 86 382, 52 42, 112, 49, 13, 42, 134, 47 1, 00 Local 189, 750, 00 189, 750, 00 189, 750, 00 189, 750, 00 189, 750, 00	(PP) 7, 515, 00 77, 490, 00 850, 95 85, 855, 05 85, 855, 05 86, 900, 00  150, 000 150, 000 345, 000, 00 150, 000 345, 000, 00	1.0%
80604-020 80602-009	Trailer 20t Cargo truck 9.0-10.0t Hisceliansous Total Commonsts (A) Joint Rate Number of Trips Trailer 20t Cargo truck 9.0-10.0t  Establishment of Temporary Site Office Description Temporary Site Office/Vard Misceliansous Total Components (%)	br hr LS  LS  LS  LS  Unit  m2 LS  Office	4.50 90.00 1,00 1,00	3.9% 9.7% 0.0% trip trip	Lio. 7. 10. 7. 10. 7. 10. 7. 10. 7. 10. 7. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	Equip. 85. 4%. 74. 9%. 50. 0%  Fravel 1 a: Loadi L: Trave Y: Trave Un apponent Equip. 40. 0%	For, 53,3% 50,7% 55,0% 55,0% 55,0% For Time 1 Distan 1 Speed	46. 7% 49. 3% 45. 0%	(P) 1, 670,00 861,00 861,00 1, 670,00 861,00 1, 670,00 1, 670,00 25,00 1, 701,81 (PP) 230,00	203, 69 7, 516, 53 0, 00 7, 809, 62 7, 813, 70 hr hr hr km km/hr Labor 34, 500, 00 34, 500, 00 40, 00	804.11 11.933.46 425.03 13.162.63 15.2% 13.169.48 141.07.500.00 172.500.00 172.500.00	Component (F)  6, 417, 61  68, 040, 00  425, 03  64, 812, 03  64, 915, 81  Component (F)  Equipment 138, 000, 00  138, 000, 00  138, 000, 00	Proving 4,005,96 14,005,96 39,269 14 467,53 50,98 43,765,53 50,98 43,765,53 43,765,53 43,765,53 43,765,50,00 155,250,00 155,250,00 455,250,00 Unit:	3, 509, 04 36, 220, 86 382, 52 42, 112, 49, 13, 42, 134, 47, 1, 00 Local 189, 750, 00 189, 750, 00 189, 750, 00 189, 750, 00	(PP) 7, 515, 00 77, 490, 00 850, 95 85, 855, 05 85, 855, 05 86, 900, 00  150 150, 000 150, 000 150, 000 120 120 120 120 120 120 120 120 120	LON.  Romarks  O. ON
80604-020 80602-069	Trailer 20t Cerso truck 9,0-10.0t Hiscelianeous Total. Commonsta (X) Unit Rate  Number of Trips  Trailer 20t Cerso truck 9,0-10.0t  Establishment of Temporary Sits Office Description  Tomograpy Sits Office/Yard Miscelianeous Total Componsta (X) Unit Rate  Site Preparation for Engineer's Field Description  Excavation, Bulldozor 21t	br br ls  LS  LS  LS  Unit  LS  Office Unit m3	4.50 90.00 1.90 1.20 d Quantity 1.500.00 1.00	3.9% 9.7% 0.0% trip trip	Lat. 10. 7% 15. 4% 50. 0% Co. Mat. 50. 0%	Equip. 85.49% 74.9% 50.0%  Fravel t a: Loadi 1: Trave V: Trave Un apponent Equip. 40.0%	For, For, For, For, For, For, For, For,	46.7% 49.3% 45.0% 5 = a + 2 cc =	(P) 1, 670,00 861,00 861,00 1, 670,00 861,00 1, 670,00 1, 670,00 25,00 1, 701,81 (PP) 230,00	293, 59 7, 514, 53 9, 00 7, 899, 31 7, 813, 70 hr hr km km/hr  Labor 0, 00 34, 500, 00 10, 03 34, 500, 00 10, 03 4, 500, 00 14, 04 4, 66	804, II II, 933, 46 425, 93 13, 162, 98 13, 162, 98 13, 169, 48  13, 169, 48  Material  Material 20, 87	Component (F)  Equipment	Foreign   4,005,9 fs   39,269 fs   467,53   467,53   457,42   53   50,0%   43,765,53   43,765,53   43,765,53   60,0%   655,250,00   155,250,00   155,250,00   155,250,00   157,250,00   1	3, 509, 04 38, 220, 86 382, 52 42, 112, 42 42, 134, 47 42, 134, 47  1, 00  1, 00  1, 00 189, 750	(PP) 7, 615.00 77, 490.00 850.05 85, 855.05 85, 855.05 85, 855.00 85, 900.00 85, 900.00 100.05 100.05 100.05 100.05 100.05 100.05 254.000 100.05 254.000 254.000 254.000 254.000 254.000 254.000	LO%
80604-020 R0602-009 #2004 Item No.	Trailer 20t Cerso truck 9,0-10.0t Hiscelianeous Total. Commonsta (X) Unit Bate  Number of Trips  Trailer 20t Cerso truck 9,0-10.0t  Establishment of Temporary Sits Office  Description  Temporary Sits Office/Yard Miscelianeous Total Componsta (%) Unit Rate  Site Preparation for Engineer's Field Description  Excevetion, Bulldozor 21t Hiscelianeous Total	hr hr hr LS  LS  LS  LS  LS  Unit  Cofficer Unit	4.50 90.00 1,00 1 20 d Quantity 1.500.00 1.00	3.9% 9.7% 0.0% trip trip 10.0% 10.0%	Lat. 10. 7% 15. 4% 50. 0% Co. Mat. 50. 0%	Equip. 85.4% 74.9% 50.0%  Fravel t a: Loadi L: Trave V: Trave Un appenent 40.0%  Un: Equip. 40.0%	For, For, For, For, For, For, For, For,	46.7% 49.3% 45.0% 5 = a + 2 cc =	(P) 1, 670, 681, 60 861, 60 861, 60 60, 50 50, 60 28, 00 Total (PP) 230, 60	203, 59 7, 516, 55 9, 0, 00 7, 589, 65 9, 13, 7, 516, 53 76 hr hr km km/br 24, 500, 00 34, 500, 00 34, 500, 00 34, 500, 00 9, 00 14, 00 9, 00 14, 500 9, 00	804, 11   11, 933, 14   425, 03   13, 162, 05   15, 25   15, 25   13, 169, 48   13, 169, 48   172, 500, 00   172, 500, 00	Component (FP Equipment 138, 000, 00 138, 600, 00 129, 30 0, 229, 30 0, 229, 30 0, 229, 30 0, 229, 30 0, 20 0, 229, 30 0, 20 0, 229, 30 0, 20 0, 229, 30 0, 20 0, 229, 30 0, 20 0, 229, 30 0, 229, 30 0, 20 0, 229, 30 0, 229, 30 0, 20 0, 229, 30 0, 229, 30 0, 229, 30 0, 229, 30 0, 20	Poreign   4,005,96   39,269   461,53   467,53   47,263   53   50,9%   43,765,53   43,765,53   43,765,53   43,765,53   50,9%   55,260,00   55,260,00   55,260,00   155,260,00   157,260,00   157,260,00   137,85	3, 509, 04 38, 220, 86 382, 52 42, 112, 42 42, 134, 47 42, 134, 47  1, 00  1, 00  1, 00  1, 00 1	(PP) 7, 615.00 77, 490.00 850.05 85,855.05 85,855.05 85,900.00 85,900.00 100.00 345,000.00 100.05 245,000.00 100.05 254.000 254.000 254.000 254.000 254.000	Romarks  0.0%
80604-020 R0602-009 #2004 Item No.	Trailer 20t Cerso truck 9,0-10.0t Hiscellaneous Total. Commonsta (X) Unit Bate  Number of Trips  Trailer 20t Cerso truck 9,0-10.0t  Establishment of Temporary Sits Office  Description  Tomorary Site Office/Yard Miscellaneous Total Componsta (X) Unit Bate  Site Preparation for Engineer's Field Description  Excavation, Bulldozor 21t Hiscellaneous Total Components (X) Unit Bate	br br ls  LS  LS  LS  Unit  LS  Office Unit m3	4.50 90.00 1.90 1.20 d Quantity 1.500.00 1.00	3.9% 9.7% 0.0% trip trip 10.0% 10.0%	Lat. 10. 7% 15. 4% 50. 0% Co. Mat. 50. 0%	Equip. 85.4% 74.9% 50.0%  Fravel t a: Loadi L: Trave V: Trave Un appenent 40.0%  Un: Equip. 40.0%	For, For, For, For, For, For, For, For,	46.7% 49.3% 45.0% 5 = a + 2 cc =	(P) 1, 670,00 861,00 861,00 1, 670,00 861,00 1, 670,00 1, 670,00 25,00 1, 701,81 (PP) 230,00	293, 59 7, 516, 53 9, 00 7, 509, 62 9, 13, 7, 813, 79 hr hr km km/hr  Labor 34, 500, 00 94, 505, 00 19, 03 34, 500, 00 94, 505, 00 19, 03 34, 500, 00 00 00 00 00 00 00	804, II   11, 933, 46	Component (F)  64, 17, 61  68, 040, 00  425, 03  64, 812, 03  64, 916, 81  Component (F)  Equipment  138, 000, 00  138, 000, 00  430, 000, 00  Component (F)  Equipment  229, 36  0, 00  229, 36  0, 00  229, 36	On the control of the	3, 509, 04 39, 220, 86 392, 52 42, 112, 124 49, 13, 42, 134, 47  1, 00  Local 189, 750, 00 199, 750, 00 100, 00 100, 00	(PP) 7, 515.00 77, 490.00 850.05 85, 855.05 85, 855.00 86, 900.00  15  Total (PP) 345,000.00 345,000.00 345,000.00  70tal (PP) 254.00 0.00 0.00	Romarks 0.0% Remarks 0.0%
80604-020 R0602-009 #2004 Item No.	Trailer 20t Cerso truck 9,0-10.0t Hisceliansous  Total Commonant (A) Join Rate  Number of Trips  Trailer 20t Cergo truck 9,0-10.0t  Establishment of Temporary Site Office  Description  Temporary Site Office/Yard Hiscellansous Total Commonants (A) Juli Rate  Site Preparation for Engineer's Field Description  Excavation, Bulldozor 21t Hiscellansous Total Components (A)	LS  LS  LS  LS  Unit  LS  Unit  LS  LS  Office  Unit  m3  LS	4.50 90.00 1.90 1.20 d Quantity 1.500.00 1.00 and Livin Quantity 10.00 1,00	3.9% 9.7% 0.0% trip trip 10.0% 10.0%	Lat. 10. 7% 15. 4% 50. 0% Co. Mat. 50. 0%	Fauin	For. 53, 3% 50, 7% 50, 7% 55, 0% 60, 7% 65, 0% 65, 0% 65, 0% 66, 0% 66, 0% 66, 0% 66, 0% 66, 0% 66, 3%	46.7% 49.3% 45.0% 5 = a + 2 cc =	(P) 1, 670,00 861,00 861,00 1, 670,00 861,00 1, 670,00 1, 670,00 25,00 1, 701,81 (PP) 230,00	293, 59 7, 516, 53 9, 00 7, 509, 62 9, 13, 7, 813, 70 hr hr hr km kar/hr  Labor 34, 500, 00 34, 550, 60 19, 53, 34, 500, 90 4, 56 9, 00 4, 56 1, 58,	804, II   11, 933, 46   425, 93   13, 162, 93   15, 2%   15, 2%   15, 2%   15, 2%   172, 500, 90   172, 500,	Component (F)  Equipment 6, 417, 81 68, 040, 00 425, 03 64, 832, 65 75, 00 64, 915, 81  Component (F) Equipment 138, 000, 00 138, 000, 00 138, 000, 00 138, 000, 00 25, 00, 00 25, 00, 00 229, 36 0, 00 229, 36 90, 39 2, 29	Propins 4,005,96 4,005,96 39,269,14 407,53 50,98 43,765,53 43,765,53  Unit: Discussion Unit	3, 509, 04 39, 220, 86 382, 52 42, 112, 49, 13, 42, 134, 47  1, 00  1, 0	(PP) 7, 615,00 77, 490,00 850,05 85,855,05 85,855,05 85,900,00 85,900,00 85,900,00 345,090,00 150,05 245,090,00 254,000,00 254,000,00 254,000,00 254,000,00 254,000,00 254,000,00 254,000,00	Romarks O. 0% Romarks O. 0%
\$2004 1 tem No. \$2001	Trailer 20t Cerso truck 9,0-10.0t Hiscellaneous Total. Commonsta (X) Init Rate  Number of Trips  Trailer 20t Cerso truck 9,0-10.0t  Establishment of Temporary Sits Office  Description  Tomograpy Sits Office/vard Miscellaneous Total Components (X) Unit Rate  Sits Preparation for Engineer's Field Description  Excavation, Bulldozor 21t Hiscellaneous Total Components (X) Unit Rate Excavation depth	LS  LS  LS  LS  Unit  LS  Unit  LS  LS  Office  Unit  m3  LS	4.50 90.00 1.90 1.20 d Quantity 1.500.00 1.00 and Livin Quantity 10.00 1,00	3.95% 9.75%		Equip.   So. 4%   So. 4%   So. 4%   So. 4%   So. 4%   So. 6%   S	For. 53, 3% 50, 7% 55, 0% 50, 7% 55, 0% 55, 0% 55, 0% 7% 55, 0% 7% 7% 7% 7% 7% 7% 7% 7% 7% 7% 7% 7% 7%	66. 7% 69. 3% 45. 0% 45. 0% 45. 0% 45. 0% 46. 7%	(P) (P) (P) (P) (P) (P) (P) (P) (P) (P)	293, 59 7, 516, 53 9, 00, 00, 7, 506, 55 9, 13, 76, 506, 50 9, 13, 76, 516, 516, 516, 516, 516, 516, 516, 51	804, II   11, 933, 46   425, 93   425, 93   13, 169, 48   15, 2%   15, 2%   15, 2%   172, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   72, 500, 90   73, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	Component (F) Equipment 6, 417, 81 68, 040, 00 425, 03 64, 832, 65 75, 00 64, 915, 81  Component (F) Equipment 138, 000, 00 138, 000, 00 138, 000, 00 138, 000, 00 229, 36 0, 00 229, 36 90, 3% 2, 29	Foreign   4,005,96   1,005,96   1,005,98	3, 509, 04 39, 220, 86 392, 52 42, 112, 49, 13, 42, 134, 47  1, 00  Local 189, 750, 00 189, 750, 00 199, 750, 00 100, 00  Local 118, 15 0, 00 116, 15 45, 75 1, 16	(PP) 7, 615, 00 77, 490, 00 850, 05 85, 855, 65 100, 00 85, 900, 00 85, 900, 00 100, 0	Romarks O. 0% Romarks O. 0%
#2004   Tem No.   #3002   Tem No.   #3002   Tem No.   #3002   Tem No.   #3002	Trailer 20t Cerso truck 9,0-10.0t Hiscellaneous Total. Commonsta (X) Unit Bate  Number of Trips  Trailer 20t Cargo truck 9,0-10.0t  Establishment of Temporary Sits Office  Description  Tomograpy Sits Office/Vard Miscellaneous Total Componsta (X) Unit Bate  Sits Preparation for Engineer's Field Description  Excavation, Bulldozor 21t Hiscellaneous Total Componsta (X) Unit Bate  Eccavation depth 150es Thick Concrete Hollow Block Fall Description  Laneous Hollow Block Fall Description  Description  Laneous Hollow Block Fall Description	br by by LS  LS  LS  LS  LS  LS  LS  Unit  LS  Office Unit  m3  LS	4.50 90.00 1.90 1.00 d Quantity 1.500.00 1.00 Quantity 10.00 1.00 0.100 Quantity	3.95% 9.75%		Fauir 88. 44. 74. 95. 50. 05. 17. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18	For	66. 7% 69. 3% 45. 0% 45. 0% 45. 0% 46. 7% 46. 7% 46. 7%	(PP) 1, 670, 00 881, 00 881, 00 1L/V 4, 50 0, 50 0, 50 50, 00 28, 00 Total (PP) 230, 00	293, 59 7, 516, 53 9, 00, 00, 7, 506, 55 9, 13, 76 9, 13, 76 9, 13, 76 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	804, II   11, 933, 48   425, 03   13, 162, 03   15, 28   15, 28   15, 28   15, 28   15, 28   16, 28   16, 28   16, 28   172, 500, 00   172,	Component (P) Equipment 6, 417, 81 68, 040, 00 425, 03 64, 882, 03 64, 882, 03 64, 915, 81  Component (P) Equipment 138, 000, 00 138, 000, 00 138, 000, 00  An Component (P) Equipment 138, 000, 00 229, 36 0, 00 229, 36 90, 3%	Foreign   4,005,96   1,005,96	3, 509, 04 39, 220, 86 392, 52 42, 112, 49, 13, 42, 134, 47  1, 00  Local 189, 750, 00 189, 750, 00 189, 750, 00 100, 00  Local 115, 15 0, 00 116, 15 15, 15 1, 16 10, 00	(PP) 7, 615, 00 77, 490, 00 850, 05 85, 855, 05 100, 00 85, 900, 00 85, 900, 00 100, 0	Remarks 0.0%
#2004   Tem No.   #3002   Tem No.   #3002   Tem No.   #3002   Tem No.   #3002	Trailer 20t Cerso truck 9.0-10.0t Hiscellaneous Total Commonsta (X) Unit Rate  Number of Trips  Trailer 20t Cargo truck 9.0-10.0t  Establishment of Temporary Sits Office Description  Temporary Sits Office/Yard Miscellaneous Total Commonsta (X) Unit Rate  Sits Preparation for Engineer's Field Description  Excavetion, Bulldozor 21t Hiscellaneous Total Commonsta (X) Unit Rate Excavetion depth 150mm Thick Concrete Hollow Block Wall Description  Haponry Unskilled Labor Concrete Hollow Block Wall Lison (Stox200x400mm)	br br br br br br br br br br br br br b	4.50 90.00 1.90 1.20 d Quantity 1.509.00 1.00 1.00 0.100 Quantity	3.95% 9.75%		Equip. 85, 44, 74, 95, 95, 96, 97, 97, 97, 97, 97, 97, 97, 97, 97, 97	For	66 7% 69 3% 45, 0% 45,	(PP)  Total (PP)  230. 00  Total (PP)  25. 40	293, 59 7, 516, 53 9, 00 7, 589, 62 9, 13, 7, 613, 79 hr hr km km/br  Labor 24, 500, 00 034, 500, 00 10, 033 14, 500, 00 0, 00	804, II   11, 933, 48   425, 93   13, 162, 98   15, 2%   15, 2%   15, 2%   172, 500, 90   172,	Component (F) Equipment 6, 417, 81 68, 040, 00 425, 03 64, 832, 63 75, 00 64, 915, 81  Component (F) Equipment 138, 000, 00 138, 000, 00 138, 000, 00 229, 36 0, 00 229, 36 0, 00 229, 36 0, 00 229, 36 0, 00 229, 36 0, 00 229, 36 0, 00 229, 36 0, 00 229, 36 0, 00 229, 36 0, 00 229, 36 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00 0, 00	Foreign   4,005,96   1,005,96	3, 509, 04 39, 220, 86 392, 52 42, 112, 49, 13, 42, 134, 47  1, 00  Local 189, 750, 00 189, 750, 00 189, 750, 00 100, 00  Local 115, 15 0, 00 116, 15 15, 15 1, 16 10, 00	(PP) 7, 615,00 77, 490,00 850,05 85,855,05 85,855,05 85,855,05 85,900,00 85,900,00 85,900,00 345,000,00 345,000,00 103,0% 345,000,00 103,0% 345,000,00 100,0% 100,0	Remarks 0.0%
#2004 1 tem No. #3002   Control	Trailer 20t Cerso truck 9.0-10.0t Hiscellaneous Total Commonsta (X) Unit Rate  Number of Trips  Trailer 20t Cargo truck 9.0-10.0t  Establishment of Temporary Site Office Description  Tomorary Site Office/Yard Miscellaneous Total Commonsta (X) Unit Rate  Site Preparation for Engineer's Field Description  Excavetion, Bulldozor 21t Hiscellaneous Total Commonsta (X) Unit Rate Excavetion depth 150mm Thick Concrete Hollow Block Well Description  Haponry Unskilled Labor Concrete Hollow Block (Load bearing) 67 x5 x15 (150x200x400mm) Reinforcement Grade 40, cutting, bended in the searchly	LS  LS  LS  LS  LS  LS  LS  Office  Unit  m3  LS  Unit  m4  deach  kg	4.50 90.00 1.90 1.20 d Quantity 1.509.00 1.00 1.00 0.100 Quantity 0.40 0.40 0.40 1.28.00	2. 95 75 9.		Fauls 85. 44. 74. 95. 50. 05. 17. 4. 95. 15. 0. 05. 17. 17. 17. 17. 17. 17. 17. 17. 17. 17	For	66. 7% 49. 3% 45. 0% 45. 0% 46. 1% 46. 7% 46. 7% 46. 7% 46. 7% 46. 1% 46. 1% 46. 1% 46. 1%	(PP)  Total (PP)  230.00  Total (PP)  234.00  Total (PP)  230.00  1,00	293, 59 7, 516, 55 1 0, 00 1 7, 509, 65 1 0, 00 1 7, 509, 65 1 0, 00 1 7, 509, 65 1 0, 00 1 0, 00 1 0,	804, II   11, 933, 48   425, 93   13, 162, 98   15, 2%   15, 2%   15, 2%   15, 2%   15, 2%   172, 500, 90   172, 500, 90   172, 500, 90   172, 500, 90   20, 87   9, 1%   9, 2%   9,	Component (F) Equipment 6, 417, 81 68, 040, 00 425, 03 64, 882, 73, 60 64, 915, 81  Component 138, 000, 00 138, 000, 00 138, 000, 00 229, 36 90, 30 229, 36 90, 30 Component Com	Proving 4,005,96 14,005,96 14,005,96 14,405,96 14,405,96 14,405,53 43,765,53 50,98 43,765,53 50,98 155,250,00 155,250,00 155,250,00 155,250,00 155,250,00 155,250,00 157,85 137,85 14,3% 1,38 1,38 1,38 1,38 1,38 1,38 1,38 1,38	3, 509, 04 38, 220, 86 382, 52 42, 112, 124 42, 134, 47  1, 00  Local 118, 15 10, 00  100, 00  Local 118, 15 15, 15 10, 00  1, 15 15, 15 10, 00  1, 15 10, 00  1, 15 10, 00  1, 15 10, 00  1, 15 11, 15 12, 00 11, 15 12, 00 11, 15 12, 00 11, 15 12, 00 11, 15 12, 00 11, 15 12, 00 11, 15 12, 00 11, 15 12, 00 11, 15 12, 00 11, 15 12, 00 11, 15 12, 00 12, 00 11, 15 12, 00 11, 15 12, 00 12, 02 12, 02 13, 15 14, 15 15 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	(PP) 7, 615,00 77, 490,00 850,05 85,855,05 85,855,05 85,855,00 85,900,00 85,900,00 345,000,00	Remarks 0.0% Remarks 0.03 Remarks
#2004 1 tem No. #3002   Control	Trailer 20t Cerso truck 9.0-10.0t Hiscellaneous Total Commonsta (X) Unit Rate  Number of Trips Trailer 20t Cargo truck 9.0-10.0t  Establishment of Temporary Site Office Description  Temporary Site Office/Yard Miscellaneous Total Commonsta (X) Unit Rate  Site Preparation for Engineer's Field Description  Excavetion, Bulldozor 21t Hiscellaneous Total Commonsta (X) Unit Rate Excavetion depth 150mm Thick Concrete Hollow Block Well Description  Haponry Unskilled Labor Concrete Hollow Block (Load bearing) 67.87.167 (SDX200X400mm) Reinforcement Grade 40, cutting, bending & desembly Hortar (L:3) Hiscellaneous	LS  LS  LS  LS  LS  LS  LS  Office  Unit  m3  LS  unit  m3  cs  m2  unit  m3  cs  m2  unit  m3  cs  m4  m4  m4  m4  m4  m5  m4  m5  m6  m6  m6  m6  m6  m6  m6  m6  m6	4.50 90.00 1.90  1.00  20  d  Quantity 1.500.00 1.00  and Livin Quantity 10.00 1.00  Quantity 0.100	3.55 9.75 9.75 0.0% crip trip trip		Equip.   So. 0%   S	For	66. 7% 99. 3% 45. 0%  15. 0%  16. 0. 0%  16. 0. 0%  16. 0. 0% 100. 0% 75. 0%	(PP) 1, 670, 00 881, 00 881, 00 881, 00 1-1_/V 4, 60 0, 50 0, 00 25, 00 230, 00 25, 00  Total (PP) 230, 00 25, 40  Total (PP) 25, 40  1011 1011 1011 1011 1011 1011 1011	293, 59 7, 516, 55 1, 516, 55 1, 516, 55 1, 516, 51 1, 516, 51 1, 516, 51 1, 516, 51 1, 516, 51 1, 516, 51 1, 516, 51 1, 516, 516	804, II   11, 933, 48   425, 93   13, 162, 98   15, 28   15, 28   15, 28   15, 28   15, 28   15, 28   16, 48   172, 500, 90	Component (F)  Equipment Equipment Equipment Equipment Equipment Equipment An Component Equipment 136,000,000 136,	Proview 40.753 4.765.53 50.90 14.905.90 14.905.90 14.905.90 14.905.90 14.905.90 14.905.90 15.905.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.90 15.905.905.90 15.905.905.90 15.905.905.905.905.905.905.905.905.905.90	3, 509, 05 38, 252, 86 382, 52 42, 112, 49, 13, 42, 134, 47  1, 00  Local 189, 750, 00 95, 56, 63, 189, 750, 00 100, 00  Local 118, 15 1, 15 10, 00 116, 15 15, 15 10, 00 116, 15 10, 00 116, 15 10, 00 116, 15 10, 00 116, 15 10, 00 116, 15 10, 00 116, 15 10, 00 116, 15 10, 00 116, 15 10, 00 116, 15 10, 00 116, 15 10, 00 116, 15 10, 00 116, 15 10, 00 116, 15 10, 00 116, 15 10, 00 116, 15 10, 00 116, 15 10, 00 116, 15 116, 15 116, 15 117, 15 118, 10 118,	(PP) 7, 615,00 77, 490,00 850,05 85,855,05 85,855,05 85,855,05 85,900,00 85,900,00 345,000,00 345,000,00 345,000,00 345,000,00 345,000,00 345,000,00 345,000,00 345,000,00 345,000,00 345,000,00 345,000,00 345,000,00 35,000,00 100,00	Remarks 0.0% Remarks 0.0%
#2004 1 tem No. #3002   Control	Trailer 20t Cerso truck 9, 0-10. 0t Hiscelianeous Total. Commonts (%) Join Bate  Number of Trips  Trailer 20t Cargo truck 9, 0-10. 0t  Establishment of Temporary Sits Office  Description  Temporary Site Office/Yard Hiscelianeous Total Components (%) Junit Rate  Site Pteparation for Engineer's Field Description  Excavation, Bulldozer 21t Hiscelianeous Total Components (%) Description  Excavation depth 150mm Thick Concrete Hollow Block Wall Unit Rate  Excavation depth 150mm Thick Concrete Hollow Block Wall Concrete Hollow Block (load bearing) 6 7 x8 x15 (ISOX200400mm) Reinforcement Grade 40, cutting, bending & assembly Hortar (1:3)	br br br br ls s s s yar ls s s s yar ls s s s yar ls s s s s s s s s s s s s s s s s s s	d Quantity 1,500,00 1,00 Quantity 1,500,00 1,00 Quantity 0,100 Quantity 0,40 0,40 128.00 25.30 0.46	3.95   9.75   0.00   0.00   0.00   0.00   1.75		Fauls 85. 44. 74. 95. 50. 05. 65. 65. 65. 65. 65. 65. 65. 65. 65. 6	For	66. 7% 49. 3% 45. 0%  = a + 2  = a + 2  Local 45. 7%  Local 100. 0% 75. 0% 46. 1% 41. 9%	(PP)  Total (PP)  230.00  Total (PP)  234.00  Total (PP)  230.00  1,00	293, 59 7, 514, 53 9, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	804, II   11, 933, 48   425, 93   13, 162, 98   15, 2%   15, 2%   15, 2%   15, 2%   15, 2%   172, 500, 90   172, 500, 90   172, 500, 90   172, 500, 90   20, 87   9, 1%   9, 2%   9,	Component (F)  Equipment Equipment Equipment Equipment Equipment Equipment An Component Equipment 136,000,000 136,	Proview 40.05.96 14.005.96 14.005.96 14.405.96 14.405.96 14.407.53 43.745.53 50.98 43.765.53 50.98 155.260.00 155.260.00 155.260.00 155.260.00 155.260.00 137.85 14.28 14.28 14.28 14.28 14.28 14.28 14.28 14.28 14.205.94 18.81 18.85 1.205.94 18.05 12.05 18.	3, 509, 06 38, 252, 86 382, 52 42, 112, 124 42, 134, 47  1, 00  Local 189, 750, 00 155, 63 189, 750, 00 160, 00  Local 188, 40 128, 00 1, 152, 00 273, 21 351, 12 14, 77	(PP) 7, 615.00 77, 490.00 850.05 85, 855.05 100.00 85, 900.00 85, 900.00 85, 900.00 85, 900.00 100.0	Remarks  C. O%  Remarks  Loss 2. O%  Loss 2. O%
#2004 1 tem No. #3002   Control	Trailer 20t Cerso truck 9.0-10.0t Hiscellaneous Commonsta (%) Unit Rate Number of Trips Trailer 20t Cargo truck 9.0-10.0t  Establishment of Temporary Site Office Description Temporary Site Office/Vard Miscellaneous Total Commonsta (%) Unit Rate Site Preparation for Engineer's Field Description Excavation, Bulldozor 21t Hiscellaneous Total Commonsta (%) Unit Rate Excavation depth 150mm Thick Concrete Hollow Block Wall Description Haponry Unskilled Labor Concrete Hollow Block (load bearing) 67.87.187 (SOX200X400mm) Reinforcement Grade 40, cutting, bending & dessembly Hortar (1:3) Hiscellaneous Total	br br br br br br br br br br br br br b	d Quantity 1,500,00 1,00 Quantity 1,500,00 1,00 Quantity 0,100 Quantity 0,40 0,40 128.00 25.30 0.46	3.95   9.75   0.00   0.00   0.00   0.00   1.75		Fguip. 85. 44. 74. 95. 50. 05. 17. 18. Loading Interest of the second of	For	66. 7% 49. 3% 45. 0%  = a + 2  = a + 2  Local 45. 7%  Local 100. 0% 75. 0% 46. 1% 41. 9%	(PP)  Total (PP)  230.00  Total (PP)  234.00  Total (PP)  230.00  1,00	293, 59 7, 516, 53 1, 50	804, II   11, 933, 48   425, 93   13, 162, 98   15, 28   15, 28   15, 28   15, 28   15, 28   15, 28   16, 48   172, 500, 90	Component (F) Equipment 6, 417, 81 68, 040, 00 425, 03 64, 815, 83 75, 05 64, 915, 83 64, 815, 81  Component (F) Equipment 138, 000, 00	Foreign   4,005,96   4,005,96   4,005,96   4,005,96   4,005,95   5,005,98   43,765,53   50,98   55,250,00   55,2	3, 509, 04 38, 220, 86 382, 52 42, 112, 124, 17  1, 00  Local 118, 16 10, 00  Local 118, 15 10, 00  Local 118, 18 10, 00  100, 00  Local 118, 18 118, 18 119, 19 119,	(PP) 7, 615,00 77, 490,00 850,05 85,855,05 85,855,05 85,855,05 85,900,00 85,900,00 345,000,00 345,000,00 345,000,00 345,000,00 345,000,00 345,000,00 345,000,00 100,00 345,000,00 100,00 345,000,00 345,000,00 100,00 345,000,00 345,000,00 592,00 100,	Remarks  C. O%  Remarks  Loss 2. O%  Loss 2. O%
#2004  Item No.  #3001  Item No.  #3002  Item No.  Loo7  M12012  W0251  W0221  #3002a  Item No.	Trailer 20t Cerso truck 9.0-10.0t Hiscellaneous Total Commonsts (%) Unit Rate  Number of Trips  Trailer 20t Cargo truck 9.0-10.0t  Establishment of Temporary Site Office Description  Temporary Site Office/Yard Miscellaneous Total Commonsts (%) Unit Rate  Site Preparation for Engineer's Field Description  Excavetion, Bulldozor 21t Hiscellaneous Total Commonsts (%) Unit Rate Excavetion depth 150mm Thick Concrete Hollow Block Wall Description  Haponry Unskilled Labor Concrete Hollow Block (load bearing) 67.87.18° (150x200x400mm) Reinforcement Grade 40, cutting, bending & assembly Hortar (1:3) Hiscellaneous Commonsts (%) Unit Rate  Commonserts (%) Unit Rate	br br br br br br br br br br br br br b	d Quantity 1,500,00 1,00 Quantity 1,500,00 1,00 Quantity 0,100 Quantity 0,40 0,40 128.00 25.30 0.46	3.55   5.75		Fguip. 85. 44. 74. 95. 50. 05. 17. 18. Loading Interest of the second of	For	66. 7% 69. 3% 45. 0% 45. 0%  100. 07  100. 07  100. 07  100. 07  46. 1% 41. 9% 100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08	(PP) (PP) (1,670,00) (861,00)	293, 59 7, 516, 53 1, 50	804, II   11, 933, 46   425, 93   425, 93   13, 169, 48   15, 2%   15, 2%   15, 2%   172, 500, 90   172, 500, 90   172, 500, 90   20, 57   8, 11%   0, 20   1, 536, 90   454, 61   785, 21   1, 536, 90   454, 61   785, 21   16, 41   2, 792, 23   84, 278, 85   16, 41   2, 792, 23   84, 278, 85   18, 427, 18, 18, 427, 18, 18, 427, 18, 18, 427, 18, 18, 427, 18, 18, 427, 18, 18, 427, 18, 18, 427, 18, 18, 427, 18, 18, 427, 18, 18, 427, 18, 18, 427, 18, 18, 427, 18, 18, 427, 18, 18, 427, 18, 18, 427	Component (F) Equipment 6, 417, 61 68, 040, 00 425, 03 64, 882, 03 65, 03 65, 03 65, 03 66, 03 66, 03 67, 03 68,	Foreign   4,005,96   4,005,96   4,005,96   4,407,53   43,745,53   50,98   43,765,53   50,98   43,765,53   50,98   55,250,00   55,250,00   55,250,00   155,250,00   157,85   51,38   1,38   51,38   1	3, 509, 04 38, 220, 86 382, 52 42, 112, 124 42, 134, 47  1, 00  Local 189, 750, 00 95, 63, 63, 63, 63, 63, 63, 63, 63, 63, 210, 47 10, 00  Local 1, 152, 00 273, 21 351, 12 14, 77 2, 107, 50 69, 65, 65, 21 10, 00	(PP) 7, 615,00 77, 490,00 850,05 85,855,05 85,855,05 85,855,05 85,900,00 85,900,00 345,000,00 345,000,00 345,000,00 345,000,00 345,000,00 345,000,00 345,000,00 100,00 345,000,00 100,00 345,000,00 345,000,00 100,00 345,000,00 345,000,00 592,00 100,	Remarks  C. O%  Remarks  Loss 2. O%  Loss 2. O%
#2004   Tom No.   #3001   Item No.   #3002   Item No.   #3002   Item No.   #3002   Item No.   #3002   Item No.   #3002   Item No.   #3002   Item No.   #3002   Item No.   #3002	Trailer 20t Cerso truck 9.0-10.0t Hiscellaneous Commonsta (%) Unit Rate  Number of Trips  Trailer 20t Cargo truck 9.0-10.0t  Establishment of Temporary Site Office Description  Temporary Site Office/vard Hiscellaneous Total Commonsta (%) Unit Rate  Site Preparation for Engineer's Field Description  Excavation, Bulldozor 21t Hiscellaneous Total Commonsta (%) Unit Rate Excavation depth 150mm Thick Concrete Hollow Black Wa) Unskilled Labor Concrete Hollow Black (load bearing) 6 x8 x 15 (50x200x400mm) Reinforcement Grade 40, cutting, benefing & assembly Hortar (1:3) Unit Rate  Commonsta (%) Unit Rate  100mm Thick Concrete Hollow Black Fell Description  Wasnery Unskilled Labor  Commonsta (%) Unit Rate  100mm Thick Concrete Hollow Black Fell Description  Nasonry Unskilled Labor	br br br br br br br br br br br br br b	4.50 90.00 1.90 d Quantity 1.500.00 i.00 i.00 i.00 0.100 Quantity 0.40 0.40 0.40 1.28.00 25.30 0.46 1.00	3. 5. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.		Fauir 88. 44. 74. 95. 50. 95. 17. 18. Loading Management 40. 05. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18	For	66. 7% 69. 3% 45. 0% 45. 0%  100. 07  100. 07  100. 07  100. 07  46. 1% 41. 9% 100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08  100. 08	(PP) 1, 670, 600 881, 600 881, 600 981, 600 0, 5	293, 59 7, 514, 53 9, 00 7, 589, 53 10 7, 813, 70 hr hr km km/hr  Labor 9, 00 34, 500 9, 00 34, 500 9, 00 44, 506 1, 63, 00 4, 506 1, 63, 00 1, 63	804, II   11, 933, 48   425, 93   13, 169, 48   15, 28   15, 28   15, 28   15, 28   15, 28   15, 28   16, 48   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   1, 536, 00   1,	Component (F) Equipment 6, 417, 81 68, 040, 00 425, 03 64, 815, 83 75, 05 64, 915, 83 64, 815, 81  Component (F) Equipment 138, 000, 00	Foreign 43,765.53  50,98  43,755.53  43,745.53  50,98  43,755.53  Foreign 9.00  155,250.00  45,98  137,85  0.00  157,250.00  157,250.00  158,250.00  1	3, 509, 04 38, 220, 86 382, 52 42, 112, 42, 124 49, 134 42, 134, 47  1, 00	(PP) 7, 615,00 77, 490,00 850,05 85,855,05 100,00 85,900,00 85,900,00 10	Remarks  O. O%  Remarks  Loss 2. O%  Loss 2. O%
#2004   Tem No.	Trailer 20t Cerso truck 9.0-10.0t Hiscellaneous Commonsts (%) Unit Rate  Number of Trips  Trailer 20t Cargo truck 9.0-10.0t  Establishment of Temporary Site Office  Description  Temporary Site Office/vard Hiscellaneous Total Commonsts (%) Unit Hate  Description  Excavation, Bulldozor 2tt Hiscellaneous Total Commonsts (%) Commonsts (%) Unit Hate  Excavation depth  150mm Thick Concrete Hollow Black Wall  Lisoms Commonsts (%) Commonsts Hollow Black Wall  Hiscellaneous Total Commonsts (%) Unit Rate  Excavation depth  Lisoms Thick Concrete Hollow Black Wall  Hiscellaneous Total Commonsts (%) Unit Rate  Loomed (%) Lisoms Commonsts (%) Unit Rate  Loomed (%) L	br br br br br br br br br br br br br b	4.50 90.00 1.90 1.90 d Quantity 1.500.00 1.00 1.00 0.100 Quantity 0.40 128.00 25.30 0.466 1.00 Quantity	3.5 %   1.5		Equip.   So. 0x   S	For	66. 7% 49. 3% 45. 0% 45. 0%  = a + 2    Local   45. 7%    Local   45. 7%    Local   46. 1%  46. 1%  46. 1%  46. 1%  46. 1%	(PP) 1, 670, 00 881, 00 881, 00 881, 00 881, 00 981, 0	293, 59 7, 514, 53 9, 10, 00 7, 589, 59 9, 13, 76 1813, 70 1813, 70 1813, 70 1814, 800, 90 34, 500, 90 34, 500, 90 34, 500, 90 34, 500, 90 4, 60 4, 60 4, 60 4, 60 1, 653, 60 1,	804, 11   11, 933, 48   425, 93   13, 162, 98   15, 28   15, 28   15, 28   15, 28   15, 28   15, 28   15, 28   16, 48   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   1, 536, 00   1, 5	Component (P) Equipment 6, 417, 81 58, 040, 01 425, 03 64, 812, 63 75, 03 64, 915, 81  Component (P) Equipment 138, 000, 00 138, 000 138,	Foreign   4,005,96	3, 509, 04 38, 220, 86 382, 52 42, 112, 24 49, 13, 42, 134, 47  1, 00  1	(PP) 7, 515, 00 77, 490, 00 850, 95 85, 855, 855, 855, 855, 855, 855, 855,	Remarks  O. O%  Remarks  Loss 2. O%  Loss 2. O%
#2004   Tem No.   #3002   Item No.   #0101   Tem	Trailer 20t Cerso truck 9.0-10.0t Hiscellaneous Joial Commonsta (X) Joit Bate  Number of Trips  Trailer 20t Cerso truck 9.0-10.0t  Establishment of Temporary Sits Office Description  Tomograpy Sits Office/Yard Miscellaneous Total Components (X) Joit Bate  Site Preparation for Engineer's Field Description  Excavation, Bulldozor 21t Hiscellaneous Total Components (X) Unit Rate  Excavation depth 150mm Thick Concrete Hollow Block Wall Libour Concrete Hollow Block (load bearing) 6 x8 x18 (150x200x400mm) Concrete Hollow Block Unitary Unit Hiscellaneous Total Commonents Grade 40, cutting, bending & assembly Botrar (1:3) Hiscellaneous Total Commonents Grade 40, cutting, bending & sessembly Botrar (1:3) Hiscellaneous Total Commonents Grade 40, cutting, bending & sessembly Botrar (1:3) Hiscellaneous Total Commonents Grade 40, cutting, bending & assembly Botrar (1:3) Hiscellaneous Total Commonents Grade 40, cutting, bending & assembly Botrar (1:3) Hiscellaneous Total Commonents Hollow Block Fellion Description Nassonry Unakilled Lebor Concrete Hollow Block (load bearing)	br br br ls sign and	4.50 90.00 1.90 1.00 Quantity 1.500.00 1.00 1.00 0.100 Quantity 0.40 1.80 0.40 1.80 0.40 1.00 0.40 1.00 0.40 1.00 0.40 1.00	3.55   1.50		Equip.   So. 0%   S	For	66. 7% 69. 3% 45. 0% 45. 0% 46. 1% 46. 7% 46. 7% 46. 7% 46. 7% 46. 6% 46. 6% 46. 6%	(PP) 1, 670, 00 881, 00 881, 00 881, 00 881, 00 1, 50, 00 25, 00 25, 00  Total (PP) 230, 00 12, 00 12, 00 23, 40 1, 820, 00 1, 820, 00 471, 00 320, 00	293, 59 7, 514, 53 1, 50	804, II   11, 933, 48   425, 03   13, 162, 03   15, 26   15, 275   15, 275   15, 275   16, 41   17, 250, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   172, 500, 00   173, 500, 00   1, 536, 00   1,	Component (P) Equipment 6, 417, 81 68, 040, 00 425, 03 64, 815, 03 64, 915, 83  F3, 000, 00 138, 000, 00 138, 000, 00 138, 000, 00 138, 000, 00 229, 36 0, 00 229, 36 0, 00 0,	Foreign   4,005,96   1,005,96	3, 509, 04 38, 220, 86 382, 52 42, 112, 24 49, 13, 47  1, 00  Local 189, 750, 00 189, 750, 00 189, 750, 00 199, 750, 00 110, 1	(PP) 7, 515, 00 77, 490, 00 850, 95 85, 855, 85 85, 855, 85 85, 900, 00 85, 900, 00  25, 900, 00	Remarks  O. O%  Remarks  D. O%  Loss 2. O%  Loss 2. O%  Remarks

₩3003	Structural Steel Fabrication and Erec	1	1	s Office		Un	t Rato					Amo	Unit:			
Item No.	Description Foreman	Unit	Quantity 0.50	Lab. 100.0%	Hat. 0.0%	Equip.		Local 100, 0%	Total (98) 576,00	Labor 288, 00	Material 0.00	Component (PP) Equipment 0.00	Foreign 0.00	1.gcal 288, 00	Total (PP) 288, 00	Remarks
L009	Welder Skilled Labor	l md	1,00	100.0%	0,0%	0.0%	0.0%	100, 0%	509, 00 410, 00	509, 00 815, 00	0. 00 0. 00	0. 00 0. 00	0. 00 0. 00	509, 00 615, 00	\$09.00 615.00	
L020 N02014	Unskilled Lebor Structural Steel (Shapes, SS400)	and kg	1.50 420.00	100.0% 0.0%	0.0% 100.0%	0, 0% 0, 0%	0, 0% 70, 0%	100,0% 30.0%	320, 00 17, 60	480.00 0.00	0. 00 7. 392. 00	0. 00 0. 00	a. oo 5, 174, 40	460.00 2,217.60	460, 00 7, 392, 00	Loss 8.0
M02016 M0207t	Structural Steel (Plates, \$5400) High Tension Bolt MI6	kg each	630, 00 6, 00	0, 0% 0, 0%	100.0% 100.0%	0, 0% 0, 0%	70.0% 70.0%	30.0% 30.0%	20, 20 18, 50	0.00	12, 726, 00 148, 00	0. 00 5. 00	6, 908, 20 103, 60	3. 817. 80 44. 40	12, 726, 00 148, 00	Loss 5.0
Rt00t-100	Welding Machine 250A Generator 51-100 kW	day	1.00	0.0%	39. 8% 46. 6%	60, 2% 63, 4%	88. 6% 59. 3%	41, 4X 40, 7%	588.00 2,690.00	0.00	234.02 1, 253.54	353, 98 L. 436, 46	344. 48 1, 594. 40	243, 62 1, 095, 80	588, 00 2, 690, 00	
	Truck Crane, Hydraulic 26-30t Trailer 20t Miscellangous	hr	2,86 0,23 1,00	8, 1% 3, 9% 10, 0%	7.3% 10.7% 45.0%	87, 6% 85, 4% 45, 0%	52, 2% 53, 3% 55, 0%	47, 8% 46, 7% 45, 0%	1, 470, 00 1, 670, 00	214, 41 14, 98 900, 73	306, 91 41, 10 4, 053, 28	3, 682, 88 328, 02 4, 053, 28	2, 195, 28 204, 75 4, 954, 01	2, 008, 92 179, 35 4, 053, 28	4, 204, 20 384, 10 9, 007, 29	30,0%
	Total Components (%)	-		10.0	10, 9,	75,00	20,03	40. 0A		3,022.12	26, 154, 86 67, 0%	9, 854, 62 25, 2%	23, 479, 12 60, 23	15, 552, 47 39, 8%	39, 031, 59	30,02
	Unit Rate Miscellaneous covers the cost for facil	ities	of fabricate	rs, elec	tricity	and fuel	consump	ion. We	lding rods. B	3, 019, 68	25, 133, 69	9, 846, 64	23, 460, 12	15, 539, 88	39, 000, 00	
¥3004	Prepainted Corrugated G. I. Roofing Fa	bricst:	lon & Erect	ion		100	a Dato		<del></del>				Unit:	00.00 m	2	
Item No.	Description	Unis	Quantity	Lab.	Cor Nat.	ponent (	t Rate %) For.	Local	Total (PP)	Labor		Angi Component (PP) Equipment	Foreign	Lucal	Total (PP)	Remarks
L002 L019	Foreman Skilled Labor	nd nd	0. 50 1. 50	100, 0% 100, 0%	0. 0% 0. 0%	D. 0% D. 0%	0, 0% 0, 0%	100,0%	576.00 410.00	288, 00 615, 00	0, 00 0, 00	0. 00 9. 00	0. 00 0. 00	288. 00 615. 00	288.00 815,00	*******
L020 Mt2112	Unskilled Lebor Corrugated Galvanized Iron Sheet,	nd #2	1.00	100,0% 0,0%	0.0%	0.0%	0.0% 60.0%	100, 0% 40, 0%	320, 00 12 <b>2</b> , 00	320, 00 0, 00	0.00 12,444.00	9. 00 9. 00	0. 00 7, 466, 40	320, 00 4, 977, 60	320.00 12,444.00	Loss 2.0
R0402-025	colored Truck Crane, Hydraulic 21-25t	hr	1.43	5, 6%	6.8%	87.6%	52.0%	48. OX	1, 330, 00	108. 61	129, 33	1.656.06	988, 26	913, 64	1, 901, 90	2039 2.0
R0604-020	Trailer 20t Miscellancous	rz rz	0. 04 1. 00	3.9% 0.0%	10.7% 50.0%	85, 4% 50, 0%	53, 3% 55, 0%	46, 7% 45, 0%	1, 670, 00	2, 81 0, 90 1, 332, 11	7, 15 158, 36 12, 736, 63	57, 05 156, 36 1, 879, 47	35. 61 171, 99	31. 19 140. 72	66, 80 312, 71 [5, 948, 41]	2.0%
	Total Components (%) Unit Rate	m2								8. 4% 13, 28	79.9% 126.98	11.8%	8, 562, 26 54, 3% 86, 36	7, 286, 16 45, 76 72, 64	100, 0%	
	Miscellaneous covers the cost for paint	s, bolt	s, minor ma	terials,	tools,	etc.										
#3005	Prepainted Steel Wall Panels on Steel	1	1	lation		Uni	t Rato					Amou	Unit:	100,00 m		
Item No.	Description	Unit	1	Lab.	Mat.	Equip.	For.	Local	Total (PP)	Labor	Mater[a]	Equipment (PP)	Foreign	Local	Total (PP)	Remarks
L002 L009 L019	Foreman Welder Skilled Lubor	nd nd nd	0, 50 0, 50 1, 50	100.0% 100.0% 100.0%	0. 0% 6. 6% 0. 6%	0. 0% 0. 0% 0. 0%	0.0% 0.0% 0.0%	100.0% 100.0% 100.0%	576, 00 509, 00 410, 00	288.00 254.50 615.00	0. 00 0. 00 0. 00	0.00 0.00 0.00	0, 00 0, 00 0, 00	288.00 254.50 615.00	288, 00 254, 50 615, 00	
L020	Unskilled Labor Corrugated Galvanized Iron Sheet,	md	1,00	100.0%	0.0%	0.0%	0.0%	100.0X	320. 00	320, 00	0. 60	0.00	0. 00	320, 00	320, 00	
MIZI11	colored Galvanized (ron Sheet, colored	m2 m2	102.00	0.0% 0.0%	100, 0%	0. OX	60, 0% 60, 0%	40.0%	122.00 118.00	0, 00	12, 444, 00	0.00 0.00	7, 466, 40 7, 221, 60	4, 977, 80 4, 814, 40	12, 444, 00	Loss 2.09
1112211	Structural Steel (Shapes, SS400) Insulation, Grasswool	kg m2	1,530,00	0.0% 0.0%	100.0%	0. 0% 0. 0%	70, 0% 85, 0%	30, 0% 45, 0%	17.60 57.00	0, 00 0, 00	26, 928, 00 5, 814, 00	0, 00 0, 00	18, 649, 60 3, 197, 70	8, 078, 40 2, 616, 30	26, 928, 00 5, 814, 00	Loss 2.01
R1001-100	Welding Machine 250A Generator 51-100 kW	day	0. 50 0. 60 1. 43	0.0% 0.0%	39. 8% 46, 6%	60. 2% 63. 4%	58. 6X 59. 3X	41.4%	588, 00 2, 690, 00	0, 00 0, 00 106, 61	117, 01 626, 77	176. 99 718, 23	172, 24 797, 20	121.76 647.80	294. 00 1, 345. 00	
R0402-025	Truck Crane. Hydraulic 21-26; Miscellaneous Total	hr LS	1,00	6, 6% 0, 0%	6, 6X 50, 0X	87, 6% 50, 0%	52.0% 55.0%	48.0% 45.0%	1, 330, 00	0.00	129, 33 311, 20 58, 406, 31	1, 666, 06 311, 20 2, 572, 48	988, 26 342, 32 39, 035, 32	913.64 280.08 23.827.48	1, 901, 90 622, 40 62, 862, 80	1,0%
	Components (%) Unit Rate	m2					$\Rightarrow$			2, 5% 15, 85	92. 9% 584. 41	4. 6% 28. 74	62, 1% 390, 58	37. 9x 238. 42	100, 0% 629, 00	
	Miscollaneous povers the cost for paint															
	Prepainted Steel Wall Partitions on S	1	]	Insulatio		Unj	t Rate					Amou	Dait:	100, 00 m3		
I tem Na. 1,002	Description	Unit	Quantity 0.50	Lab. 100.0%	Nat.	Equip. 0.0%	For. 0.0%	Local 100.0%	Total (PP) 676, 00	Labor 288, 00	Material 0.00	omponent (PP) Equipment 0.00	Foreign 0.00	Local 288, 00	Total (PP) 288.00	Remarks
L009	Foreman Welder Skilled Labor	#d md	0, 50 0, 50	100.0% 100.0%	0. 0% 0. 0% 0. 0%	0.0%	0.0%	100, 0%	509. 00 410, 00	264, 80 615, 00	0.00	0. 00 0. 00	0, 00 0, 60 0, 00	264. 50 615. 00	254, 50 615, 00	
1.020	Unskilled Labor Galvanized Iron Sheet, colored	md m2	1.00 102.00	100.0% 0.0%	0.0%	0. 0% 0. 0%	0, 0% 60, 0%	100, 0% 40, 0%	320, 00 118, 00	320, 00 0, 00	0, 00 12, 036, 00	9. 00 9. 00	0. 60 7, 221, 60	320.00 4,8t4.40	320.00 12.036.00	Loss 2, 0%
3412111 3502014	Galvanized From Sheet, colored Structural Steel (Shapes, SS400)	m2 kg	102,00 1,530,00	0.0% 0.0%	100.0%	0.0%	80. 0% 70. 0%	40.0% 30.0%	118.00 17.60	0, 00 0, 00	12, 036, 00) 26, 928, 00	0, 00 0, 00	7, 221, 60 18, 849, 60	4. 814. 40 8. 078. 40	12, 036, 00 26, 928, 00	Loss 2.09 Loss 2.09
R0901-025	Insulation, Grasswool Welding Machine 250A	m2 day	102.00 0.60	0.0%	100.0% 39.8%	0. 0% 60. 2%	55. 0% 58. 6%	45.0% 41.4%	57. 00 588. 00	0, 00 0, 00	5, 814, 00 117, 01	0, 00 176, 99	3, 197, 70 172, 24	2, 616, 30 121, 76	5, 814, 60 294, 60	Loss 2.0%
R0402-025	Generator 51-100 kW Truck Crane. Hydraulic 21-25t	hr	0.50 L.43 L.00	0.0% 5.6% 0.0%	46. 6% 6. 8% 50, 0%	53, 4% 87, 6% 50, 0%	59. 3% 52. 0% 55. 0%	40. 7% 48, 0% 45, 0%	2, 690, 00 1, 330, 00	00 ,0 18 .801 00 .0	626, 77 129, 33 309, 16	718, 23 1, 666, 06 309, 16	797, 20 988, 26 340, 08	547, 80 913, 64 278, 25	1, 346, 60 1, 901, 90 618, 32	1.04
	Miscellaneous Total Components (%)	<u> </u>		0.00	30,01	- 00, 0,0		10.00		1, 584. 01 2, 5%	57, 996, 27 92, 9%	2, 870, 44	38, 788, 28 62, 1%	23, 662, 45 37, 9%	62, 450, 72	1,0%
	. Unit Ente Miscollaneous covers the cost for paints	m2 s, bolt	s, minos ma	terials,	tanis, e	itc.				[5. <b>8</b> 5	580, 42	28, 73	386 [9]	236. 81	625.00	
<b>#</b> 3007	Plain Cement Ploor Finish		,		<u> </u>								Unit:	100, 00 m2	·	
Item No.	Description	Unit	Quentity	Lab.	Com Nag.	ponent (	t Rato () For. [	[oca]	Tota) (PP)	Labor	Mate) fal	Amou omponent (PP) Equipment	Foreign	Local	Total (PP)	Remarks
L007 L020	Masonrv Unskilled Labor	md md	0, 50 0, 50	100, 0% 100, 0%	0, 0%	0, 0% 0, 0%	0.0%	100.0%	471.00 320.00	235.50 160.00	0. Q0 0. Q0	Q. 00 Q. 00	0, 00 0, 00	235, 50 160, 00	235. 50 160. 00	
WOZZI (I	Morter (1:3) Miscellaneous	m3 LS	3. 06 1, 00	1. 7% 0. 0%	93, 8% 50, 0%	4, 5% 50, 0%	68, 1% 55, 0%	41.9% 45.0%	f, 820, 00	92. 53 0, 00	5, 223, 33 178, 94	253, 34 178, 94	3, 233, 49 196, 84	2, 335, 71 161, 05	5, 569. 20 357. 68	Loss 2.0% 6.0%
	Total Components (%)									489, 03 7, 7%	5, 402, 27 85, 4%	432, 28 6, 8%	3, 430, 33 54, 3X	2, 892, 25 45, 74	6, 322, 58 100, 0%	
<u>-</u> Ι <sub>Ι</sub>	Unit Rate Miscellaneous covers the cost for minor	m2 materi	als. tools,	etc.		<u>-</u>		t.	1	4, 88	64, 001	4. 32	34, 29	28, 91	63, 20	<del></del>
₩3008 1	Plein Cement Floor Finish with non ski	d geme	nt with gre	oye line	15	Uni	t Rate					Amou	Unit:	100,00 m2		
Item No.	Description	Unit	Quantity	Lab.	Mat.	Uni ponent († Equip.	-For-	Local	Total (PP)	Labor	Material	Amou omponent (PP) Equipment	Foreign	Local	Total (PP)	Remarks
L020	Masonry Unskilled Labor	and md	0, 50 0, 60		0.0%	0.0%	0.0%	100, 0%	471,00 320,00	235, 50 192, 00	0, 00 0, 00	0, 00 0, 00	0, 00 9, 00	235. 60 192. 00	235. 50 192. 00	
W0221	Hortar (1:3) Miscellaneous Tatel	LS LS	3, 06 1, 00	1.7% 0.0%	93. 8% 60. 0%	4. 5% 50. 0%	58, 1% 55, 0%	41. 9X 45, 0%	1, 820, 00	92, 53 0, 00 520, 63	5, 223, 33 179, 90 5, 403, 23	253, 34 179, 90 433, 24	3, 233, 49 197, 89 3, 431, 38	2, 335, 71 161, 91 2, 925, 12	8, 559, 20 359, 80 8, 356, 50	Loss 2.0% 6.0%
	Components (%)	m2			=					8. 2% 5. 20	85, 0% 54, 08	6, 8% 4, 33	54, 0% 34, 33	46.0% 29.27	100, 0% 63, 60	
	Miscellaneous covers the cost for minor	materi	als, tools,	etc.												
	Unglazed Tile Finish (6" x 6")	Unit	Duran, and		e	Uni	t Rate		Total			Amou	Unit:	[00, 00 .n2		Por
lten No.	Description Masanry	Unit md	Quantity 0.50	t.ab. 100.0%		Equip.	for.	Local 100. Ox	(PP) 471.00	Labor 235, 50	Material 0.00	Equipment (PP)  Equipment  0,00	Foreign 0.00	Local 235, 50	Total (PP) 235, 50	Remarks
L020 I	Unskilled Labor Unglazed Tile 200x200m	nd each	1.00 2.550.00	100,0%	0.0%	0. D% 0. D%	0, 0% 40, 0%	60,0%	320, 00 21, 20	320.00 0.00	0.00 54.060.00	0, go 0, go	0, 00 21, 624, 00/	320, 00 32, 436, 00	320, 00 54, 060, 00	Lasa 2.0%
W0221	Norter (1:3) Niscellaneous	#3 LS	2. 04 1. 00	1. 7% 0. 0%	93. 6% 50. 0%	4. 5% 50. 0%	58. 1% 65, 0%	41.9% 45.0%	1, 620, 00	61. 69 0. 00	3, 482, 22 291, 64	168, 89 _ 291, 64	2, 155, 66 320, 81	1, 667, 14 262, 48	3, 712, 80 583, 28	Lass 2.0%
	Components (%)							_		617, 19 1, 0% 5, 17	57, 833, 86 98, 2% 578, 22	460, 53 0, 8%	24, 100, 47 10, 9%	34. BL1. L1 59. 1%	58,911,58 100.0%	
<u></u> i	Unit Rate Miscellaneous covers the cost for minor	m2 materi	ls, tools.	etc.	<del></del>		1-			D-1/1	419. £21	4. 60	240, 96	348.04	589,00	
	Gypsum Board Cailing					Uni	t Rate					Amou	<u>Մոլե։</u> ու		·	
Item No.	Description	Unit	Quantity	Lab.	Mat.	opent () Equip.	For.	Local	Total (PP)	(.abor	Material	Equipment (P))	Foreign	Local	Total (PP)	Remerks
L020 (	Skilled Labor Unskilled Labor	nd nd	0, 50 1, 20	100,0%	0. 0% 0. 0%	0. 0% 0. 0%	0.0%	100.0%	410, 00 320, 00	205.00 384.00	0.00	0.00	0. 00 0. 00	205. 00 384. 00	205, 00 384, 00	,
N02014 S	Gypsum Board Ceiling Structural Steel (Shapes, SS400)	#2 kg #2	(02, 00) 816, 00 102, 00	0.0%	100.0%	0.0%	66.0% 70.0%	46.0% 30,0%	(37, 00 17, 60 67, 00	0, 00 0, 00 0, 00	13, 974, 00 14, 361, 60 5, 814, 00	Ø. 60 Q. 60 Q. 60	7, 685, 70 10, 053, 12	6, 268, 30 4, 308, 48	(3, 974, 00 14, 361, 60	Loss 2.0%
	Insulation, Grasswool Hiscallaneous Total	LS	102.00	0.0% 0.0%	100.0% 50,0%	0. 0% 50, 0%	68. 0% 55, 0%	45. 0% 45. 0%		0, 00 0, 00 589, 00	173, 69 34, 323, 29	173, 69 173, 69	3, 197, 70 191, 06 21, 127, 58	2, 616, 30 158, 32 13, 958, 40	5, 814, 00 347, 39 35, 085, 99	Loss 2.0%
	Components (%) Unit Rate	m2								(, 7% 5, 89	97, 8% 343, 37	0, 5X 1, 74	60, 2%	39, 8% 139, 64	100.0% 351.00	
	liscellaneous covers the cost for boits.	fitti	gs, minor s	áter lais	tuols	etc.										

¥3011	Plain Coment Morter Wall Finish												Սուլ։	100,00	m2	
	[		· ·			Un	it Rate						ount .			
Item No.	Description	Unit	Quantity		Co	mponent	(%)		Total			Component (PP)			Total	Romarks
				Lab.	Hat.	Equip.	For	Local	(PP)	Labor	Material_	Equipment	Foreign	ocal	(PP)	
L007	Mesonry	nd	0.60	100.0%	0.0%	0.0%	0, 0%	100.0%	471.00	235, 50	0,00	0.00	0.00	235, 50	235, 50	
L020	Unskilled Labor	md	0. 80	100,0%	0.0%	0.0%	0.0%	100.0%	320.00	258.00	0.00	0.00	0, 00	256, 00	256.00	
W0221	Mortar (1:3)	m3	3.06	1,7%	93. 8%	4.5%	58, 1%	41.9%	1, 820, 00	92, 53	5, 223, 33	253.34	3, 233, 49	2, 335, 71	5, 569, 20	Loss 2.0%
L	Miscallaneous	. LS	ι, αο	0.0%	50.0%	50.0%	55.0%	_45,0%		0.001	181,82		200.00	. 163.64	363, 64	6.0%
	Total			!						584.03	5, 405, <u>15</u>	435. [6]	3, 433. 50	2, 990, 95	6, 424, 34	
	Components (%)									9.1%	84, 1%	6.6%	53. 4%	46, 6%	100.0%	
	Unit Rate	π2								5.81	54, 01	4, 35	34, 31	29, 89	64, 20	

Miscellaneous covers the cost for minor materials, tools, etc.

(%)

#3012	Steel Fixed Louver												Unit:	L 00 s	each	
	-		}			Uni	t Rate					Amo				
Item No.	Description	Unit	Quantity		Con	nonent (			fotal			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Materia]	Equipment	Foreign	ocal	(PP)	
	Welder	μď		100.0%	0.0%	0.0%	0.0%	100.0%	509.00	407, 20	0,00	0.00	0.00		407, 20	
L019	Skilled Labor	md	0.60		0,0%	0.0%	0.0%	100.0%	410.00	246,00	0,00	0.00	0.00	246, 00	246, 00	
	Unskilled Labor	md	1.00	100.0%	0.0%	0.0%	0.0%	100.0%	320.00	320.00	0,00	0.00	0.00	320.00	320, 00	
	Structural Steel (Plates, \$\$400)	kg	21.42		100.0%	0.0%	70.0%	30.0%	20. 20	0.00	432, 68	0, 00	302, 68	129.80	432, 68	Loss 2.0%
R0901025	Welding Machine 250A	day	0, 80		39, 8%	60.2%	58.6%	41.4%	588.00	0.00	187. 22	283, 18	275, 69	194. 81	470, 40	
	Generator 61-100 kW	day	0.80	0,0%	46.6%	53, 4%	59.3%	40, 7%	2, 690, 00	0.00	1, 002, 83	1, 149, 17	1, 275, 62	876. 48	2, 152, 00	1
R0402~020	Truck Crane. Bydraulic 16-20:	hr	1.37	7.0%	7. 7%	85, 3%	51.5X	48. 5%	1, 070, 00	102.61	112, 87	1, 250, 41	764. 24	711.66	L, 465, 90	
[	Miscellangous	LS		0.0%	50.0%	50,0%	55, 0%	45.05	i	0.00	824. 13	B24, 13	906, 54	341,71	1, 648, 25	30.0%
	Total		Ĺ							1,075.81	2, 559, 73	3, 606, 89	3, 514, 76	3,627,67	7, 142, 43	
	Components (%)									15.1%	36. 8%	49. 1%	49, 2%	60.8%	[00, 0%	
	Unit Rate	each								1,075.45	2, 559, 86	3, 505, 69	3, 513, 56	3, 626, 44	7, 14 <u>0, 0</u> 0	
	Miscellaneous covers the cost for paints		r materials	, tools.	etc.											

#3013 Doors & Windows for Engineer's Field Office and Living Quarters Unit Rate Amount ponent (PP) Total Item No Description Unit Quantity Remarks Nater (e) 0,00 Foresan
Skilled Labor
Unskilled Labor
Unskilled Labor
Stel Boor with Steel Panels 900x2100
Flush Type Hollow Core Boar with Sam
thick ordinary plywood 800x2100mm
Flush Type Hollow Core Door with Gan
thick marine plywood 600x2100mm
Jalousie Window with Steel Blades
2100x1600mm
Jalousie Window with Steel Blades
3900x1600mm
Jalousie Window with Steel Blades
1400x900
Jalousie Window with Steel Blades
520x260
Steel Fixed Lauver
Hiscellaneous 3,052,80 6,519.00 5,088.00 21,290.50 (PP) 3, 052, 80 L002 L019 L020 ML2251 nd nd nd esci 0. 0% 0. 0% 45. 0% 100. 0% 100. 0% 55. 0% 410.00 320.00 5, 530.00 6, 519, 00 5, 088, 00 0, 00 6, 519, 00 5, 088, 00 38, 710, 00 MI 2252 each 8.00 0.0% 100.0% 0.0% 20.0% 80. OX 2, 500. 00 0. 00 20, 000, 00 0.00 4,000.00 16,000.00 20, 000. 00 ML2253 each 6.00 9.0% 100.09 0.0% 20.0% 80.03 1, 870, 00 0.00 11, 220, 00 0.00 2, 244, 00 R 976 80 11, 220.00 0. 00 15, 187, 50 53.0% 18.562.50 33, 750, 00 M12251 5.00 0.0% 100, 01 0.0% 45, 00 6, 750, 00 0.00 33, 750, 00 each M12262 16,00 100.0% 0.0% 46.0% 56. OK 0. 00 90, 000, 00 110,000.00 0, 05 12, 600, 00 0.00 200, 000, 00 each M12263 each 2. 00 0. 02 100.0% 45.0% 65.00 2, 640, 00 0, 00 2, 376. 00 2, 904. 00 5,280.00 0.00 M12264 each 5. 00 0.0% 100.0% 0.0% 45.0% 55, 03 458.00 0.00 2, 290, 00 1, 030, 50 1, 259, 50 2, 290.00 ¥3012 each LS 4. 00 15. 1% 0. 0% 35, 8% 49. 1% 49. 2% 55. 0% 50. 8% 45, 0% 7, 140, 00 4, 301, 79 10, 235, 44 14, 022, 77 14, 054, 28 14, 505, 75 28, 580. 00 Hiscellaneous Total
Components (%)
Unit Rate
Miscellaneous covers the cust for 708. 94 355, 178. 74 100. 07 355, 000. 00

<b>#</b> 3014	Lighting and Powers												Unit	1, 00	L.S.	
		F					it Rote						սկին			
Item No.	Description	Unit	Quantity			ponent			Total			Component (PP)			Total	Remarks
			L	Lab.	Hat.	Equip.	for.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
1.002	Forenan	ad	1.00				0,0%		576.00	576.00			0.00	\$76,00		•
1.012	Electrician	nd	8,00		0.0%		0.0%		429, 00	3, 432, 00			0, 00	3, 432, 00	3, 432, 00	
L019	Skilled Labor	md	4.00		0.0%		0.0%	100.0%	410.00	1, 640, 00	0.00	0,00	0, 00	1, 640, 00	1,640,00	
L020	Unskilled Labor	ma	4.00	100.0%	0.0%	0.0%	0.0%	100.0%	320, 00	1, 280, 00	0,00	0.00	0.00	1, 280, 00	1, 280.00	
หเราวเ	Ceiling Lamp, 40% 220V Fluorescent Lighting Fixtures, Box Type	each	40.00	0.0%	100.0%	0.0%	60.0%	40.0%	496. 00	0,00	19, 840. 00	0.00	11, 904. 00	7, 936. 00	19, 840, 00	
M13141	Ceiling Lamp, SL-18 with Hexloss Type, Medium Base Porcelain Recontacle	each	22.00	0.0%	100.0%	0.0%	60. Oʻi	40.0%	172.00	0, 00	3, 784. 60	0.00	2, 270. 40	1, 513, 60	3, 784, 00	
MI3151	One-way Wall Switch	each	8.00	0,0%	100.0%	0,0%	65.0%	45.0%	30, 50	0.00	244. 00	0.00	134. 20	109, 80	244.00	
M13152	2 One-way Wall Switches on one Gang Plate	each	11.00	0.0%	100.0%	0.0%	55.0%	45. 0%	80, 50	0, 00	885. 60	0. 00	487, 03	398. 46	885.50	
M13153	3 One-way Wall Switches on one Gang Plate	each	3.00	0.0%	100.0%	0.0%	55.0%	45. 0%	103.00	0.00	309.00	Q. 0O	169. 95	139. 05	309. 00	
M13154	Duplex Convenience Outlet, Grounding	each	36.00	0.0%	100.0%	0.0%	55. O%	45. 0%	80, 50	0, 00	2, 898. 00	0.00	1, 593. 90	1, 304, 10	2, 898, 00	
M13155	Heavy Duty Convenience Outlets, Single Grounding Type	each	4.00	0,0%	100.0%	0.0%	55.0%	45, 0%	129.00	0, 00	516.00	0.00	283.80	232. 20	516.00	
WL3156	Air Conditioning Outlet Grounding Type   with Automatic Circuit Breaker in One Enclosure	each	3, 00	0.0%	100. <b>c</b> %	0.0%	<b>5</b> 5. 0%	45. O%	694.00	0, 00	2,082.00	0, 00	t, 145. 10	936. 90	2, 082. 00	
#13157	Enclosed Automatic Circuit Breaker	each :	1.00	0.0%	100.0%	0.0%	65.0%	35.0%	8, 190, 00	0.00	8, 190, 00	0,00	5, 323, 50	2, 866, 50	8, 190, 00	İ
1413158	Distribution Pagel Board	each	2.00	0.0%	100.0%	0.0%	60.0%	40.0%	12, 100, 00	0.00	24, 200, 00	0.00	14, 520, 00	9, 680, 00	24, 200, 00	
W13159	Pull Box or Junction Box	each	2.00	0,0%	100, 0%	0.0%	60.0%	40.0%	1,040.00	0.00	2, 080. 00	0.00	1, 248, 00	832. DO	2, 080, 00	
N13160	Electric Service Meter	each	L. 00	0.0%	100.0%	0.0%	65.0%	35,0%	3, 810, 00[	0,00	3, 610, 00	0.00	2, 346, 50	1, 263, 50	3, 610, 00	
MI3161	Concealed or Embedded Conduit Run	hn '	245, 90	0.0%	100.0%	0.0%	50.0%	50,0%	7. 52	0.00	1,842.40	0.00	921. 20	921, 20	1, 842, 40	
N13162	Underground or Underfloor Conduit Run	le le	107.00	0.0%	100.0%	0.0%	50.0%	50,0%	34.00	0.00	3,638.00	0, 00	1,819,00	1,819.00	3, 638, 00	
N13163	Parimeter Lighting, 160# 220V Mercury	each	8.00	0.0X	100.0%	0.0%	60. D%	40.0%	909.00	0.00	7, 272. 00	0.00	4, 363. 20	2, 908. 80	7, 272.00	
ME3164	IGalvanized Steel Lighting Post H=3.5m	each	8.00	0.0X	100.0%	0,0%	60.0%	40.0%	4, 670, 00	0, 00	37, 360, 00	0, 00[	22, 416, 00	14, 944, 00	37, 360, 00	
381EJW	Underground or Underfloor Conduit Run	tn	175.00	9. 0%	100. OX	0.0%	60.0%	40, 0%	56. 40	0.00	10, 220, 00	0.00	6, 132, 00	4, 088, 00.	10, 220, 00	
L	Miscellaneous	LS	L. 00	5, 0%	20.0%	75.0%	50.0%	50, 03		135, 90{	543, 6 <u>0</u>	2, 038, 48	1, 358. 99	1, 358, 99	2,717.98	2, 0%
	Tetal									7 062 00	100 514 60	2 038 48	78 436 76	60 190 11	170 C1Z 0D	

	Components (%)		<u> </u>							5.1%	93, 4%	1, 5%	<u>56, 6%</u>	43, 4%	100.0%	
	Unit Rate	. L. S.	L							7, 083, 42	129, 872, 46	2,044,12	78, 653, 55	60, 346, 45	139, 000, 00	
	Miscellaneous covers the cost for relat	ed eart	hworks, tem	porary P	DIKE, MI	nor mate	rials an	tools.								
3015	Sever Tator Line												Unit:	1.00	, S.	
			[				t Rate					Anko	int			
Item No.	Description	Unit	Quantity			nponent (			Total			Component (PP)			Total	Remarks
		1	!	Lab,	lia L	Equip.	For	Local	(PP)	Labor	liater al	Equipment	Foreign	Local	(PP)	
L002	Foresan	nd	1,00	100.0%	0.0%	0.0%	0.0%	100.0%	676, 00	676, 00	0, 00	0.00	0,00	576.00	576, 00	
	[Skilled Labor	md	8,00	100.0%	0.0%	0.0%	0.0%	100.0%	410,00	3, 280, 00	0, 00	0, 00	0.00	3, 280, 00	3, 280, 00	
	Unskilled Labor	md	4,00	100,0%	0.0%	0.0%	0.0%	100.0%	320, 00	1, 280, 00	0, 00	0.00	0.00	1, 280, 00	1, 280, 00	
	PVC Pine. & LOO	in in	120,00	0.0%	100.0%	0.0%	50.0%	50. Ox	200, 00	0, 00	24, 000, 00	0.00	12, 000, 00	12,000,00	24, 000, 00	
	Steel Gas Pipe, 625	6	90.00	0.0%	100,0%	0.0%	60.0%	40, 0%	117.00	0.00	10, 530, 60	0.00	6, 319, 60	4, 212, 00	10, 530, 00	
	PYC Pipe, &50	m	45.00	0.0%	100.0%	0.0%	50, 0%	50.0%	66, 70	0.00	3, 001, 50	0.00	1,500.75	1,500,75	3, 001, 50	
	Floor Drain	each	4.00	0.0%	100.0%	0.0%	45.0%	55. OX	266.00	0.00	1,064.00	Ç, 00[	478.80	585. 20.	1,064.00	
M12272	Urinal	each	1.00	0.0%	100.0%	0.0%	55.0%	45.0%	2.310.00	0.00	2, 310, 00	0.00	1, 270, 50	1,039,60	2, 310, 00	
	Toilet Stool	each	6.00	0.0%	100.0%	0. C%	55.0%	45.0%	5, 110, 00	0,00	30, 660, 00	0, 00	£6, 663, 00	13, 797, 00	30,660,00	
	Lavetory Wash Basin	each	4.00	0.0%	100.0%	0.0%	55.0%	45.0%	2, 920. 00	0.00	11, 680, 00	0,00	6, 424, 00	5, 256, 00	11,680,00	
	Shower	each	3,00	0.0%	100.0%	0.0%	50, 0%	50, 0%	2, 120, 00	0.00	6, 360, 00	0.00	3, 180.00	3, 180, 00	6, 360, 00	
	Shower Drain	each	3.00	0.0%	100.0%	0.0%	45.0%	55, 0%	343, 00	0.00	1, 029, 00	0.00	463, 05	565, 95	1,029.00	
M12277	Clean Out	each .	9.00	0.0%	100.0%	0.0%	45.0%	55.0%	319.00	0,00	2,871.00	0, 00	1, 291, 95	1, 579, 05	2,871,00	
	Sink (L basin with table)	each	1.00	0.0%	100.0%	0.0%	45.0%	55, 0%	6, 230, 00	0.00	6, 230, 00	0.00	2, 803, 60	3, 426, 50	6, 230, 00	
1112279	Kitchen Sink (I basin + flat with	each	1,00	0.0%	100.0%	0.0%	45.0%	55.0%	9, 010, 00	0,00	9, 010, 00	0.00	4, 054, 60	4,955,50	9,010.00	
	Miscellaneous	LS	1,00	5,0%	25, 0%	70, 0%	50.0%	SO. D%		56. 94	284, 70	797, 17	569.41	569, 41	1, 138, 82	1,0%
	Tgtal									5, 192, 94	109, 030, 20	797, 17	57, 217, 46	57, 802, 88	115,020,32	
	Components (X)									4.5%	94, 8%	0, 7%	49.7%	50,3%	100.0%	
	Unit Rate	L.S.								5, 192, 02	109, 010, 95	797, 03	57, 207, 35	57, 792, 65	115,000,00	
	Miscellaneous covers the cost for tempo	rary wo	rks, minor	materials	tools	etc.										

₩3016	Septic Tank												Unit:	L. 00	each	
70010		$\overline{}$					t Rate						unt			
Item No.	Description	Unit	Quantity		Cor	ponent (	(%)		Total			Component (PP)			Total	Remarks :
1				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Materia!	Equipment	Foreign	Local	(PP)	
W0105	Excevation, Backhoe 0.6im3	m3	24. 57	4, 5%	8. 4%	87, 1%	52.9%	47.1%	40, 90	45. 22	84.41	875, 28	531.38	473. 53	1, 004, 91	
MOTTI	Disposal of Surplus Soil (backhos Loading)	m3	12.32	8. 2%	14.8%	77.0%	61.4%	48. 6¥	93, 10	94, 59	169. 25	883. 16	589. 78	557. 24	1, 146. 99	
W3132	Backfill B	l =₁3	12.25	7.8%	(0.0%	82, 2%	61.2%	48.8%	111.00			1,117.90	696. 50	663. 26	1,359,76	i
#0161	Gravel Foundation Fill	m3	0.82		13.0%			61.2%	391.00	80. 73	41, 75	198, 14	124. 43	196, 19		
¥0203	Concrete (Class A. 21MPs, max egg. 38mm)	m3	1.67	2. 5%	81.5%	16.1%	56.8%	43, 2%	1,590,00	65. 19	2, 163, 78	426.33	1,508,42	1,146,88	2, 655. 30	Loas 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	1. 64	15. 6%	0. 25	84.0%	45.0%	55, 0%	258. 00	66. 73	, 9,63		190, 56	232. 57		
W0237	Concrete Curing (reinforced concrete)	m3	l, 64	74.6%	7, 6%	17, 8%	14,0%	86, 0%	4, 29	5. 25	0, 54	l. 25	0.98	<b>6. 0</b> 6		
W0241	Formwork (reinforced concrete H<4m)	m2	6.93	59.7%	39.5%	0.8%	2.9%	97, 1%	227.00	938.87	621.90	12, 34	45. 59	1, 527. 52	1, 573, 11	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	182, 10		76. 8X			46, 1%	23. 40		3, 272. 14	332, 21	2, 294, 65	1, 966. 49		
W3002	150mm Thick Concrete Hollow Block Wall	m2	(9, 52	12, 1%	84. 2%			63.6%	331.00		5, 471, 02		2, 364, 84	4, 129, 38		
W3011	Plain Cement Horter Wall Finish	m2	21,78		84. 1%	6. 6%	63.4%	46, 6X	64, 20		1, 176, 45		747.31	650, 97		
L	Misceliancous	LS	L, £0							0.00	0.00	0,00	0.00	0.00		0,0%
	Total		1							3, 012, 30	13, 138, 11	4, 494, 08	9, 094, 40	11,550.08		
	Components (%)	L								11.6%	63,6%	21.8%	44.1%	55, 9%	100.0%	
	Unit Rate	each	1							3, 005. 81	13, 109, 80	4, 484, 39	9, 074, 81	11, 525, 19	20, 600, 00	

W3017	Cyclone Pence and Gate for the Engineer	r's Of	fice										Unit:	49, 00	<u> </u>	
							it Rate						unt			
[ Çen No.	Description	Unit	Quantity			nponent	(%)		Total			Companent (PP)			Total	Remarks
	l			Lab.	Mat.	Equip	ot.	Local	(PP)	abor	Material	Equipment	Foreign	Local	(PP)	
₩0102	Excevation, Backhoe 0.35m3	m3	lő. 58	6, 5%	8, 4%	85, (%	51.8%	48.2%	49.40	50. Q3	64.65	654. 97	398. 73	370. 92	769, 65	
WOILL	Disposal of Surplus Soil (backhoe loading)	тя3	1, 12	8, 2%	14. 8%	77.0%	51.4%	48, 6%	93. 10	8.60	15, 39	80, 28	53.61	60. 66	104. 27	
W0 32	Backfill B	m3	14,46	7.8%	10, QX	62, 2%	51.2%	48.8%	111.00		160.68	L, 319. ER	822.16	182. 90		
W0203	Concrete (Class A. 213Pa, max agg. 38mm)	m3	1. L4	2.5%	81.6%	16, 1%	56. 8X	43. 2%	1,590.00	44.50	1, 477, 07	291.03	1,029.70	182. 90	1,812.60	Loss 2.0%
W0232	Concrete Pouring by Pump Vohicle (reinforced concrete)	mЗ	1, 12	15.8%	0. 2%	84,0%			268. 00	45, 57	0, 67	242. 82	130. 13	158. 63		
W0237	Concrete Curing (reinforced concrete)	es3	1.12		7.6%	17, 8%	14.0%	86.0%	4, 29	3, 58	6, 37	0.85	0. 67	4, 13	4, 80	
¥0241	Formwork (reinforced concrete H(4m)	m2	13,60	59.7%	39, 5%	0,8%	2.9%		227. 00	1, 842, 51	1, 220, 48	24. 21	89. 47	2, 997, 73	3, 087, 20	
M08706	Steel Gas Pine. & 80	-	10.80	0,0%		0.0%	60,0%		294, 00	0,00	3, 175. 20	0.00	1,905,12	1, 270, 08	3, 175, 20	
NO8704	Steel Gas Pipe. 650		[8, 20	0,0%	100. OX	0.0%	60,0%		217.00	0,00	3, 949, 40	0.00	2, 369, 64	1, 579, 76	3, 949, 40	
1102001	Reinforcing Bara, Grade 40	kg	19.50	0,0%		0.0%	65, 0%		<b>₹6.00</b>	0.00	312.00	0,00	202, 80	109, 20	312.00	
1112101	Chain Link Fance Pabric		40.00		100.0%	0,0%	60, 0%		1, 460, 00	0,00	58, 400, 00		29, 200, 00	29, 200, 00	58, 400, 00	
L002	Foreman	md	0, 08	100,0%	0. 0X	0.0%	0, 0%	100,0%	676.00	48, 08	0.00	0, 00	0.00	46.08	46.08	
L019	Skilled Labor	incl	0, 32	100.0%	0.0%	0.0%	0,0%	100,0%	410,00	131.20	0, 00	0, 00	0,00	131. 20		
1.020	Unskilled Labor	and	0.32	100.0%	0. 0X	0.0%	0.0%	100.0%	320. 00	102. 40	0, 00	D. QO	0.00	102.40	102.40	
l	Miscellaneous	_5_	1,00	LI						0.00	0,00	0.00	0.00	0.00	0.00	0.0%
	Total									2, 390, 36	68, 775, 70		36, 202, 03	37, 586, 79	73, 788, 82	
	Components (%)									3, 34	93, 24	3, 53	49.18	50, 9%	[00, 0X	
	Unit Rate	ta								59. 83	1,714.99	65.18	902.73	937, 27	1,840,00	

W3018	Barbed Wire Pence for the Engineer's C	frice											Unit:	130, 00 r	1	
### T	1	1				Մոլ	t Rate					λma	unt			
[ten No.	Description	Unit	Quantity		Cor	ponent (	%)		Total			Component (PP)			Total	Remarks
	***************************************			Lab.	Hat.	Equip.	For	Local	(??) ]	Labor	Material	Equipment	Foreign	l.ocal	(PP)	
1,002	Foreman	md	0.25	100, 0%	0, 0%	0.0%	0,0%		576,00	149, 76	0.00	0.00	0.00	149. 76	149.76	
	Skilled Labor	md	1, D4	100, 0%	0.0%	0,0%	0.0%	100, 0%	410.00	426. 40	0.00	0.00	0.00	426. 40	426. 40	
L020	Unskilled Labor	nd	1,04	100,0%	0.0%	0. OX	0.0%	100.0%	320,00	332.80	0.00}	0.00	0,00	332. 80	332.80	
M04001	Lumbor	m3	0.84	0.0%	100.0%	0.0%	10.0%	90.0%	14,800.00	0.00	12, 432, 00		1, 243, 20	11, 198, 80	12, 432, 00	
1102062	Barbed Wire	1 m	1,050,60	0.0%	100.0%	0. OX	35, 0%	65, 0%	2.50	0.001	2, 652, 00	0,00	928. 20	1, 723. 80	2, 652, 00	
1	Miscollangous	LS		0.0%	40.0%	60.0%	50, 0X	50, 0%		0.00	191.92	287, 87	239, 89	239, 89	479, 79	3.0%
	Total							··		908. 96	[5, 275, 92]	297, 87	2 411 29		16, 472, 75	
	Components (%)									5.5%	92,7%	1.7%	14.6%	85.4%	100.0%	
	Unit Rate	n								7.01	117, 77	2. 22	18.59	108. 41	127,00	

101	Miscellaneous for Office & Living 9					Un	t Rate						ount			
tem No.	Description	Unit	Quantity		Con	aponent i	<b>%</b> )		Tota:			<u>Component (PP)</u>			Total	Remarks
		1 .		Lab.	llat.	Equip.	For.	Local	(PP) _	Labor	Material	Equipment	Foreign	ocal	(PP)	
	Plashlight	each	1,00	0,0%	0,0%	100.00	60.0%	40. OX	235.00	0.00	0.00	235.00		94, 00	235.00	
	Broom	each	4,00	0.0%	0,0%	100.0%	10.0%	90, 0%	142.00	0.00	Q. DO	568, 00	55, 60	511.20	558, 00	
	Mon Rod with rag	each	4,00	0.0%	0.0%	100, 0X	30, 0%	70,0%	360.00	0, 00	0.00	1, 440, 00	432.00	t, cos. oo	1, 440, 00	
	Bucket	each	4.00	0.0%	9.0%	100.0%	25. 0%	75. OX	100,00	0.00	0.80	400.00	100.00	300.00	400.00	
	Dust Pan	esch	4.00	0,0%	0.0%	100.0%	26.0%	76.0%	115,00	0.00	0.00	460.00	135.00	345. 00	460, 00	
	Iron	each	1.00	0.0%	0.0%	100,00	70.0%	30.0%[	1, 100, 00	0, 00	0,00	1, 100, 00	770, 00	330, 00	1, 100, 80	
	Iron Table	each	1.00		0.0%	100.0%	30,0%	70.0%	0.00	0, 00	0,00	0.00	0,00	0.00	0, 60	
	Power Plungs	each	2.00		0.0%		25.0%	75.0%	180,00	0.00	0.00	360, 00	90, 00	270, 00	360, 00	
	Hop Rag	each	96,00		100. OX		15.0%	85, 0%	65, 00	0.00	6, 240, 00	0.00	936, 00	5, 304, 00	6, 240, 00	4. 0/m
	Laundry Detergent, 1.6kg	pack	40, 80		100.0%	0, 0%	25.0%	76.0%	148,00	0.00	6, 038, 40	0.00	1,609.60	4, 628, 80	6, 038, 40	1.7/m
	Bathroom Cleaner, 500ml	bottle		0.0%	100.0X	0.0%	30, 0%	70.0%	55.00	0.00	792, 00	9,00	237, 60	554, 40	792, 00	0.6/m
	Power Cleanser, 350s	bottle			100, 0X	0. OX	30. 0X	70.0%	23, 00	0. 00	496, 80	8.00	149.04	347. 76	496. 80	0. 9/m
	Electric Bulb. 60-100%	each	96,00		100.0%		55.0%	45.0%	23, 00	0.00	2, 208, 00	0.00	1,214.40	993, 60	2, 208. 00	4. 0/m
	Fluorescent Tube, 20%	each	72,00		100.0%	0,0%	60.0%	40,0%	64.00	0.60	4, 608, 00	0.00	2, 764, 80	1, 843, 20	4, 608, 00	3. 0/m
	Miscellaneous	is	1,00	0.0%	50, CX		80.0%	50.0%		0,00	374.19	374, 19	374. 19	374. 19	748.39	3.0%
	Total	<del>- </del>	. 11.44							0, 00	20, 757, 39	4, 937, 19	8, 890, 43	16, 804, 15	25, 694, 59	
	Companents (%)				;				·	0. 0X	80, 8%	19. 2%	34.6%	65. 4%	100, 0%	
	Unit Rate	month								0.00	864.40(	205. 50	370, 22	699, 78	1,070,00	

	<u> </u>	Γ.				Cn1	t Rate						unt			
tem No.	Description	Unit	Quantity		Cor	ponent (	(%)		Total			Component (PP)			Total	Remark
				Lab,	Mat.	Equip.	ror_	Loca	(PP)	Labor	Materia	Equipment	Foreign	Local	(PP)	
	Executive Desk	aach	2.00	0.0%	100.0%	0.0%		85, 0%	4, 300, 00	0,00	8,600.00	0.00	1, 290, 00	7, 310, 00	8, 500.00	
	Office Cesk	sach	10,00	0.0%	100.0%	0.0X		85, O%	4,000,00	0.00	40, 000, 00	0,00]	6,000,00	34, 000, 00	40,000,00	
	Orafting Table	each	(, 00	0.0%	100.0%	0.04		85.0%	2, 200, 00	8, 00	2, 200, 00	0,00	330.00	t, 870, 00	2, 200, 00	
	Typist Table	each	L. DO	0.0%	100,0%	0.0%	15.0%	85. C%	2, 700, 00	0.00	2, 700, 00	0.00	405.00	2, 295, 00	2,700.00	
	Computer Table	Unit	4,00	0,0%	100.0%	0.0%	16.0%	85,0%	2, 200, 00	6.00	8, 600, 00	0,00	1, 320, 00	7, 460, 00	8, 800, 60	
	Conference Table	each	1.00	0.0%	100.0X	0.0%	15, 0%	85,0%	9,600.00	Q, QO	9, 500, 00	0, 00	1.425.00	8, 075, 00	9, 500. 00	
	Executive Chair	each	2.00	0.0%	100.0%	. 0,0%	20, 0%	80.0%	7, 200, 00	9, 00	14, 400, 00	0.00	2, 850, 00	11, 520, 00	14, 400, 00	
	Office Chair	each	15.00	0.0%	100.0%	0.0%	20.0%	80.0%	3,600.00	0.00	62, 600. 00	0.00	10, 500, 00	42, 000. 00	\$2,500.00	
	Stacking Chair	each	12.00	0.0%	100,0%	0.0%	15.0%	85. C%	700, 00	0.00	8, 400. 00	0.00	260.00	7, 140, 00	8, 400, 00	
	Steel Cabinet, 8 drawers for drawings	each	L. DG	0,0%	100.0%	0,0%	25.0%	75.0%	8, 600. 00	0.00	8,600.00	0, 00	2, 150, 00	6, 450, 00	8, 600, 00	
	Steel Cabinet, 4 drawers	each	9.00	0.0%	100.0X	0.0%	20, 0%	80,0%	5, 400, 00	0, 00	48, 600, 00	0.00	9, 720, 00	38, 889, 00	48, 600. 00	
	Steel Cabinet (Locker), 2 doors	each	4.00	0.0%	100, 0%	0.0%	20.0%		4, 600, CO	0.00	18, 000, 001	0.00	3,600,00	14, 400, 00	18,000.00	
	Table for Office Copier	each	1.00	0.0%	100.0%	0.0%	15.0%	85,0%	2, 700, 00	0.00	2, 700, 00	0,00	405.00	2, 295, 00	2, 700, 90	
	Air Conditioning Unit, 5,0HP floor	Unit	1.00	0.0%	100.0%	0.0%	70.0%	30.0%	60, 000, 00	0, 00	60, 000, 00	0.00	42, 000. 00	18,000.00	60,000.00	
	mounted	i nurr	1.00	0.03	100.00	0.0.	74,04	30, 04	20, 200.00	0,00	05, 050, 55	-,	12, 200. 00	,0,000,00	45,555.55	
	Air Conditioning Unit, 2.5 HP Window	Unit	1.00	0.0%	100.0%	0,0%	70.0%	30, 0%	27, 400, 00	0.00	27, 400, 00	Q. QO	19, 160, 60	8, 220, 00	27, 400, 00	
	Type	Oure			(00.04										1	
	Venetian Blinds	m2	55, 22	0.0%	100. OX	0. OX	65. OX	35.0%	293.00	0.00	16, 179, 46	9. 00	10, 516, 65	5, 662. 81	16, 179, 46	
	Miscellaneous	LS_	1.00	15, 0X	5.0%	80, 0X	50, 0%	50.0%		492, 87	164, 29	2, 628, 64	1, 642, 90	1, 642, 90	3, 285, 79	1,0
	Total									492. B7	328, 743, 75	2, 628, 64	114, 524, 65	217, 240, 71	331,865,25	
	Components (%)									0, 1%	99 1%	0.66	34, 5%	85, 5X	100.0%	
	Unit Rate	1. 5.								493. 07	328, 877, 23	2, 629, 70	114,671,09	217, 328, 91	332,000.00	

#3103	Equipment and Appliances for Field Off	fice											Unit:	1.00	L. S.	
[							t Rate						unt			
Item No.	Description	Unit	Quantity			mponent (			Total			Component (PP)			Total	Remarks
		<u></u>		Lab.	lat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	-ocal	(PP)	
l	Typewriter	each	1.00	0,0%	100.0%	0.0%	75.0%	25. 0X	B, 600, 00	0,00	6, 600, 00		4, 950, 00		6, 600, 00	
l	Scientific Calculator	each	10.00	0.0%	100. CX	0.0%	70. OX	30.0%	940.00	0, 00	9, 400, 00		6, 660, 00		9, 400, 00	
1	Desk Type Calculator	each	1.00	0.0%	100.0%	0.0%	70. CX	30, 0X	570.00	0.00	570,00		399, 00		670, 00	
l	Drafting Instrument	Bet	1.00	0,0%	100,00	0.0%	70,0%	30.0%	7, 700, 00	0, 00	7, 700, 00		5, 390, 00	2, 310, 00	7, 700. 00	
l	Photo Copier	each	1, 00	0.0%	100.0X	0, 0%	75, 0%	25, 0X	20,000.00	0.00	20, 000, 00	0, 00	15, 000, 00}		20, 000, 00	
1	Desk Top PC	Bet	3.00	0.0%	100.0%	0.0%	75.0%	25. 0%	46, 000, 00	0,00	138,000,00	0.00	103, 500, 00	34, 500. 00	138, 000. 00	
l	Color Laser Printer	set	1.00	0.0%	100, 0%	0.0%	75.0%		20, 000, 00	0,00	20,000.00	0.00	15, 000, 00	5, 000, 00	20, 000. 00	
Į.	Magnetic Whiteboard	Bach	[ L,00	0.0%	100.0%	0.0%	65.0%	35.0%	3, 200, 00	0, 00	3, 200, 00	0.00	2, 080, 00	1, 120, 00 j	3, 200. 00	
]	Camera	each	1,00	0.0%	100.0%	0.0%	75. C%	25.0%	5, 800, 00	0, 00	5, 800, 00	0,00	4, 350, 00	1,450.00	6, 800. 00	
ì	Electric Stand Fan	each	2.00	0.0%	100.0%	0, 0%	60, 0%	40.0%	1, 200, 00	0.00	2, 400, 00	0.00	1,440.00	960, 00	2, 400, 00	
	Fire Extinguisher	each	2.00	0.0%	100,0%	0.0%	50.0%	50, 0%	2, 100, 00	0.00	4, 200, 00	0.00	2, 100, 00	2, 100, 00	4, 200, 00	
	Wall Clock	each	1,00	0.0%	100.0%	0.0%	60.0%	40.0%	1, 400, 00	0, 00	1,400,00	0,00	840, 00	560, 00	1, 400, 00	
	Electric Air Pot	each	1.00	0,0%	100,0%	0,0%	70. 0X	30.0%	1,350.00	0.00	1, 350, 00	0.00	945.00	405.00	1, 350, 00	
Į.	Rathroom Mirror	each	2.00(	0.0%	100.06	0.0%	30. OX	70,0%	490, 00	0.00	980,00	0,00	294.00	686.00	980,00	
l	Waste Paper Bin	sach I	9.00	0.0%	100, 0%	0.0%	16.0%	85.0%	100.00	0,00	900.00	0.00	135.00	765, 00	900, 00	
I	Miscellaneous	LS	1.00	15.0%	5,0%	80,0%	50.0%	50.0%	- 1	333. 75	t i i . 25	1, 780, 00	1, 112, 50	1, 112, 50	2, 225, 00	1, 0%
	Total									333, 75	222, 611, 25	1, 780, 00	64. [5.50]	60, 609, 50	224, 725, 00	***************************************
	Connonents (%)	i			******		1			0. 1%	99. [%]	0.8%	73.0%	27, 0x	100,0%	
	Unit Rate	L. S.								334. [6	222, 883, 66	1, 782, 18	164, 316, 33	60, 683, 67	225, 000, 00	

#3106	Furniture and Fixtures for Living Qua-	rter											Unit;	1,00	L, Ş,	
		$\overline{}$				Un	t Rate						արե			
Item No.	Description	Unit	Quantity		Сo	ponent	(%)		Total			Component (PP)			Total	Remarks
L		L		"ąb,	Mat.	Equip.	For,	Loca)	(PP)	Labor	Material	Equipment	foreign	Loca	(PP)	
	Single Bed	gach	3.00			0,0%	20.0%		2, 600, 00			0.00	1, 560, 00	6, 240, 00	7, 800, 00	
1	Double Deck Bed	each	5.00			0, 0%	20, 0%		4, 500, 00		22,500.00	0.00	4, 500, 00	18,000,00	22, 500, 00	
i	Night Table	each	[3.00			0.0%	15.0%	85.0%	2, 700, 00]			0.00	<b>6, 265, 0</b> 0	29, 835, 00	35, 100, 00	ļ
1	Chairs	each ,	13.00	0.0%	100.0%	0.0%	20.0%		1,650.00	Đ. QO		0.00	4, 290, 00	17, 160, 00	21, 450, 00	i
}	Wardrobe Cabinet	onch.	B. 00	0.0%	100.0%	0.0%	16,0%		3, 600, 00	0.00		0, 00	4, 320, 00	24, 480, 00	28, 800, 00	i
ŀ	Dining Table Sot with 6 chairs	each	2.00	0, 6%	100.0%	0.0%	15.0%		10, 600, 00	0.00		0.00	3, 180, 00	18,020,00	21, 200, 00	
1	Lounge Sofs Set (3+1+1+Center Table)	801	t. 00	0.0%	100. QX	0, 0%	15.0%	85.0%	12, 400. 00	0.00		0.00	1, 860, 00	10, 540, 00	12, 400, 00	
	Cuphoard	each	1.00	0.0%	100.0%	0.0%	15, 0%	85. 0x	5, 400. 00	0.00	5, 400, 00	0.00	810.00	4, 590, 00	5, 400. 00	
<b>!</b>	Air Conditioning Unit, 1.0 HP Window	Unis	3.00	0.0%	100.0%	0.0%	75.0%	25.0%	14, 300, 00	0.00	42, 900, 00	0,00	32, 175, 00	10, 725, 00	42, 900, 00	. [
1	Typo	Cilli			100.02		rq, ua				,			,		- 1
1	Venetian Blinds	m2	57.68	0.0%	100.0%	C. 0%	60.0%	40, 0%	293.00	0.00	16, 898, 78	0,00	10, 139, 27	8, 769, 51	16, 898, 78	1
L	Miscellangous	LS.	1,00	15.0%	5. D%	80.0%	50.0%	50.0%		321.67	107, 22	1, 715, 59	1, 072, 24	1, 072. 24	2, 144, 49	1,0%
	Total	L								321.67			69, [71, 51]	147, 421, 76		
	Components (%)									0, 1%		0.8%	31, 9%	68. 1%	[00.0X	
	Unit Rato	L, 5,								322. 28	214, 958, 91	1,718.81	69, 301, 41	147, 698, 59	217,000,00	
	Miscellaneous covers the cost for deliv-	ery, in	stallation,	otc.										•		

#3108	Equipment and Appliances for Living Q	arter											Unit:	1,00	., S.	
Item No.	Description	Unit	Quantity		Č.	ponent	t Rate		Total			Component (PP)	unt		Total	Remarks
LIEM NO.	poset the ron	Unit	quantity	Lab.	Nat.	Equip,	For. I	Local	(PP)	Labor	Material I	Equipment	Foreign	Local	(PP)	HEMATER
	Mattress	each	13.00	0.0%	100, 0%	0.0%	15.0%	85.0%	1,060,00	0, 00	13, 780, 00	0.00	2, 067, 00	11, 713, 00	13, 760, 00	· · · · · · · · · · · · · · · · · · ·
	P(Llow	each	13.00	0.0%	100,0%	0,0%	10.0X	90.0%	230.00	0.00	2, 990, 00	0.00	299.00	2.691.00	2, 990, 00	
	Bed Sheets	esch	53.00	0.0%	100. 0X	0.0%	10.0%	90. 0%	250, 00	0.00	13, 000, 00	0.00	1, 300, 00	11, 700, 00	13, 600, 00	
	Pillow Cover	each.	26,00	0,0%	100.0%	0.0%	10.0%	90.0%	130,00	0.00	3, 386, 00	0,00	339, 00	3, 042, 00	3, 380, 00	
	Refrigerator, 10 cuft	each	] L. 00	0.0%	100,0%	0,0%	75.0%	25, 0%	14, BOC. 00	0.00	14, 900, 00	0.00	11, 175, 00	3, 725, 00	14, 900, 00	
	Gas Stove, with 2 burners	Unit	L. 00	0,0%	100.0%	0.0%	65, 0%	35, 0X	2,000.00	0.00	2, 000, 00	0,00	1, 300, 00	700, 00	2,000.00	
	Desk Lamp	oach	13.00	0.0%	100.0%	0.0%	55.0%	45.0%	320, 00	0.00	4, 160, 00	0.00	2, 288, 00	1, 872, 00	4, 150, 00	
1	Electric Stand Fan	esch	7,00		100,0%	0.0%	60.0%	40.0%	1,200,00	0,00	8, 400, 00	0.00	5, 040, 00	3, 360, 00	8, 490, 90	
	Fire Extinguisher	each	2.00	0.0%	100.0%	0.0%	60.0%	40.0%	2, 100.00	0,00	4, 200, 00	0.00	2, 520, 00	1, 680, 00	4, 200, 00	
	Wall Clock	each	1.00	0.0%	100.0%	0.0%	60, D%	40,0%	l, 400. 00	0.00	1, 400, 00	0, 00	840.00	560.00	1, 400. 00	
	Electric Air Pot	each	1,00	0.0%	100.0%	0.0%	70. OX	30, 0X	1, 350, 00	0.00	1, 350, 00	0, 00	945, 00	405, 60	1, 350, 00	
	Tableware and Kitchenware	set	1,00	0.0%	100.0%	0.0%	30.0%	70.0%	L L. 000, 00	0,00	11,000,00	0.00	3, 300, 00	7, 700.00	11,000.00	
	Water Purifier/Filter System	asch	1,00	0,0%	100.0%	0.0%	75. 0%	25. OX	3, 300, 00	0,00	3, 300, 00	0, 00	2, 475, 00	825, 00	3, 300, 00	
	Bachroom Hirror	each	2.00	0.0%	100.0%	0.0%	25.0X	75.0%	490, 00	0,00	980, 00	Ω. 00	245.00	735, 00	980, 00	
	Waste Paper Bin	each	[ 10.00	0.0%	100.0%	0.0%	15.0%	85. OX	100. DDĴ	0, 00	1,000.00	0.00	150.00	850, 00	1,000,00	
	Shower Curtain	oach	3,00	0.0%	100.0%	0.0%	20.0%	80.0%	300.00	0.00	900,00	0, 00	180, 00	720.00	900, 00	
	Miscellaneous	LS	1.00	15.0%	5, 0%	80,0%	50,0%	50. Ox		130, 11	43.37	693. 92	433, 70	433, 70	867, 40	1.0%
	Total									130.11	86, 783, 37	693, 92	34, 895, 70	52, 711, 70	87, 607, 40	
	Components (%)									0.1%	99. 1%	0.8%	39.8%	60.2%	100.0%	
	Unit Rate	L.S.								130, 10	86, 775, 04	693. 86	34, 892, 76	52, 707, 25	87, 600, 00	

	1		ĺ				1 Rate						unt			
em No.	Description	Unit	Quantity			ponent (			Total			Component (PP)			Total	Remarks
				Lab.	Na r	Equip,	For.	(Loca)	(PP)	abor	Material	Equipment	Foreign	Loca J	(PP)	
	Stapler, No. 35	each	1,00	0. OX	100.0%	0.0%	50, 0%	50, 0%	700,00	0.00	700.00	0, 00	350, 00	360.00	700.00	
	Stapler. NO. 10	each	6.00	0.0%	100.0%	0.0%	50, 0X	50.0%	300,00	0,00{	1,800,00	0,00	900.00	900.00	1,800.00	
	Stable Remover	each	1.00	0,0%	100.0%	0.0%	60.0%	40,0%	ŧ5.00	0.00	15.00	0. 00	9.00	6.00	15.00	
	Jīvo-Noie Puncher	each	6,00	0.0%	100.0%	0.0%	60.0%	40.0%	(30, 00	0,00	780, 00	0.00	468, 00	312.00	760.00	
	Tape Dispensor	each	3.00	0.0%	100.0%	0.0%	60.0%	40.0%	270, 00	0.00	810.00		486, 00 j	324.00	810.00	
	Document Tray	each	3.00	0.0%	100,0%	0.0%	20, 0%	80. OX	100,00	0,00	300, 00}	0.00	60, 00	240.00	300.00	
	Mechanical Pencil. 0.5mm	sach	26,00	0.0%	100.0%	0.0%	50.0%	50.0%	36, 00	0, 00	988, 00[	0.00	494,00	494, 00	988.00	
	Color Pencils, 12 colors	kod	1.00	0,0%	100,0%	0.0%	25.0%	75. CX	88, 50	Q. 00	89, 50	0.00	22, 13	66.38	88, 50	
	Pencil Sharpener, manually operated	each	1,00	0.0%	100.0%	0.0%	50. 0%	50, CX	400,00	0.00	400, 00	*0.00	200.00	200,00	400,00	
	Triangle Ruler	SOL	10.00	0.0%	100.0%	0.0%	35.0%	65, 0%	40,00	0.00	400, 00	> 0,00	140.00	260, 00	400.00	
	Triangular Scale. 300mm	each	10.00	0.0%	100. 0X	0.0%	50, QX	60. OX	75, 00	0,00	750, 00	0.00	375.00	375. 00	750,00	
	Convex, 3,5m	each	10.00	0. OX	100.0%	0.0%	65, 0X	35.0%	185.00	0,00	1, 850, 00	0.00	1, 202, 50	647. BO	1, 660, 00	1
	Magauring Tape, 50m steel	each	1.00	0.0%	£00.0%	0.0%	65, 0X	35. 0X	1,860.00	0.00	1, 860, 00	0.00	1, 209. 00	651.00	1, 860, 00	
	Steel Ruler, 600mm	each	1.00	0.0%	100.0%	0.0%	50, 0X	50.0%	300, 00	0.00	300, 00	0.00	150, 00	160,00	300,00	
	Level, 1=600mm	each	1.00	0.0%	100.0%	0.0%	70.0%	30.0%	540.00	0, 00	540, 00	0.00	378, 00	182.00	540.00	
	Scissors	each	[. 00	0,0%	100.0%	0.0%	25, 0X	75, 0%	96,00	0.00	96,00	0, 00	24.00	72,00	96,00	
	Paper Cutter	each	2.00	0,0%	100.0%	0.0%	25. 0X	75, 0%	93, 00	0.00	186, 00	0,00	46. 50	139. 50	186.00	
	Stamp Pad	each	2. QD	0.0%	100.0%	0.0%	20.0%	86. OX	33.00	0.00	66, 00	8,00	13.20	52, 60	66,00	
	Flashlight	each	9.00	0,0%	100.0%	0.0%	30.0%	70, 0%	235, 00	0.00	2, 115, 00	0.00	634, 50	1, 480, 50	2, 115, 00	
	Niscellangous	LS	t, 00	15.0%	5.0%	60.0%	45, 0%	55.0%		42, 13	14.04	224, 71	126, 40	154, 49	280, 89	2.0%
	Total									42. 13	14, 058, 54	224, 71	7, 288, 23	7, 037, 16	14, 325, 39	
	Components (%)	3								0, 3%	88, 1%	1.6%	50, 9%	49. 1%		
	Unit Rate	L.S.								42.06	14, 033, 63	224, 31	7, 275, 31	7, 024, 69	14, 300, 00	

	1						it Rate		<del></del>			Component (PP)	unt .		Total	Remeri
em No.	Description	Unit	Quantity	Lab.		Panent Caulp.	For.	Local	Total (PP)	Labor	Naterial (	Équipment	Foreign	Local	(PP)	V Barrel 1
		box	1.00	0.0%	100.00	G. O.	25.0%	75. OX	14.30	0.00	14.30	0,00	3.58	10. 73	14.30	
	Stable, No. 35				100.0%	0.0	25.0%	75. OX	4.50	0.00	13.50	0,00	3, 38	tQ. 13	13.50	
	Staple. No. 10	pox	3, 00	0.0%			35. 0X	65. 00	8.00	0.00	11, 20	0.00	3. 92	7. 28	11.20	
	Celo Tane. 18cm x 50m	roll	L. 40	0.0%	100.0%	0.0%				0, 00	258.00	0.00	103.20	154. 80		
	Mending Tabe, 18mm x 25m	roll	4, 00	0.0%	100.0%	0.0%	40,0%	60. OX	64. 50	0.00	7, 50	9.00	2, 63	4, 88	7, 60	
	Masking Tape.   Ben x 20m	roll	0.50	0.0%	100.0%	0.0%	35.0%	65.0%	15.00		330,00			231.00	330,00	
	Pencil Lead, O. Sown x 20 pcs	tube	11,00	0.0%	100.0X	0. OX	30.0%	70.0%	30, 00	0.00		0.00	99.00	231.00 15.30		
	Pencil. 4 Dcs	pack	3, 00	0.0%	100.0%	0.0%	15.0%	85.0%	6, 00	0, 00	[8, 00]	0.00	2, 70	10. 30 40. 96	18.00 51.20	
	Ball Point Pen. 3 pcs	pack	4.00	0.0%	100.0%	0. OX	20.0%	80.00	12.80	0.00	51.20	0.00	10. 24 26. 00	40. 90 76. 00		
	Marker Pen and/or Sign Pen	each	4.00	0.0%	100, 0x	0.0%	25.0%	75.0%	26. 00	0.00	104.00	0.00			104.00	
	Eraser, Rubber and/or sand	each	i L. 00	0.0%	100,0%	0.0%	20, 0%	80.0%	27.00	0.00	297, 00	0.00	69. 40	237.60	297, 00	
	Correction Fluid, 20ml	bottle	4.00	0.0%	100.0%	0.0%	20.0%	80, 0%	39, 00	0.00	156, 00	0.00	31, 20	124. 80	156,00	
	Occument File. A4 size x 5cm	each	11.00	0,0%	100,0%	0.0%	25, 0%	76.0%	300.00	0.00	3, 300. 00	0.00	825.00	2, 475, 00	3, 300, 00	
	Document Polder, A4 size	each	22, 00	0.0%	100, 0N	0.0%	10,0%	90.0%	11.00	0.00j	242.00	0.00	24, 20	217.80	[ 242.00]	
	Document Festenst, Steel or plastic, 5	pack	4.00	0.0%	100,00	0.04	10.0%	90.0%	9, 50	9. 90	38, 00	, 0.00	3.80	34. 20	38.00	
	Notebook, A6 size, 80 sheets	book	10,00	0.0%	100.0%	0.0%	10, 0X	90.0%	28, 50	0.00	265, 00	0.00	26, 50	238, 50	265,00	
	Notebook, Ad size, 80 sheets	book	11.00	0.0%	100,0%	0.0%	0.0%	90.0%	40.00	0.00	440.00	0.00	44, 00	396.00	440.00	
	Noteped, A4 size, 60 sheets	book	11.00	0.0%	100, 0%	0,0%	0.0%	90.0%	36, 00	0.00	398, 001	0.00	39, 60	356. 40	395.00	
		Tesm	4.00	0.0%	100.0%	0.0	0.0%	90, 0X	138.00	0.00	552.00	0.00	65, 20	496, 80	552,00	
	Copy Paper. A4 size, 500 sheets	book	1.00	0.0%	100.0%	0.0%	5. 0X	85. DX	38.00	0.00	38, 00	0.00	5, 70	32. 30	38,00	
	Cross Section Paper, A4 mize, 50 sheets	roll	1,00	0.0%	100.0%	0. DX	5.0%	85. OX	330.00	0.00	330, 00	0.00	49.60	280, 60	330,00	
	Tracing Paper, At mixe x 50m	pox	1,00	0.0%	100.0%	0. 0X	5.0%	85. 0%	34,00	0.00	34, 00	0.00	5. 10	28, 90	34.00	
	Carbon Paper. A4 size. 60 sheets	uach	1.00	0.0%	100.0%	0.0%	40,0%	60. OX	17.50	0.00	17, 50	0.00	7.00	Įp. 30	17. 50	
	Typewriter Ribbon, Black/Red Envelope, Letter, long x 20 sheets	pack	22.00	0.0%	100, 0%	0.0	10.0%	90, OX	19.50	0.00	429.00	0.00	42, 90	386. 10	429.00	
	Envelope, Letter, short x 20 sheets	pack	22.00	0.0%	100.00	0.0%	0,00	90.0%	13.00	0.00	286, 00	0.00	28.60	257.40		
	Envelope, A4 size	pack	11.00	0.0%	100.0%	0.00	(0. 0x	90.0%	35.00	0.00	385, 00	0.00	38, 50	346, 50		
	Dry Battery, AA x 4 bcs	pack	6.00	0.0%	100.0%	0, 0%	30,0X	70. OX	32.00	0.00	192, 00	0,00	57, 60	134, 40		
	iPaper Clip. 50g	box	2.00	0.0%	100.04	0.0%	10.0%	90, 03	6. 25	0, 001	12, 50	0.001	1, 25	11.25		
	Binder Cilp. 12 x 3/4"	box	2.00	0.00	100.01	0.0%	20.03	60. CX	11,00	0.00	22,00	0.00	4.40	17. 60		
	Binder Clip. 12 x 3/4	box	3.00	0.0%	100.0%	0. OX	20.03	80. 0X	17.50	0.00	52, 50	0.00	10.50	42.00		
		DOX	2.00	0.0%	100. 0X	0.0%	20.0%	80.0%	23.60	0.00	47, 00	0.00	9. 40	37. 60		
	Binder Clip, 12 x 1 1/2" Binder Clip, 12 x 2"	box	2.00	0.0%	100.0%	0.0%	20, 0X	80.0%	50.00	0, 00	100.00	0.00	20.00	80.00		
		each	2.00	0.0%	100.0%	0. OX	10.0%	90.0%	2. 50	0.00	B. 00	0.00	0.50	4, 60		
	Glue. Tube 30g  Floopy Disk, 1,4408 200 3.5" x 10 pcs	bax	2.00	0.0%	100.0%	0.00	25, 0%	75.0%	14.00	0.00	28.00	0,00	7, 00	21.00		
	CD Rewritable, 640MB	each	3.00	0.0%	100.0%	0. 0x	40. 0X	60.0%	41.00	0.00	123.00	0.00	49, 20	73, 80	123.00	
		each	0.33	0.0%	100.0X	0.0%	65.0%	35.0%	7, 600, 00	0.00	2, 475, 00	0,00	1,608,75	866, 26	2, 475, 00	
	Printer Cartridge	tube	2.00	0.0%	100.0%	0. 0x	50, 0X	40.0%	1. 800. 00	0, 00	3, 500, 00	0,00	2, 160, 00	1, 440, 00	3, 600, 00	
	Toilet Paper, 9 rolls	pack	5.00	0.0%	100.0%	0.01	10.0%	90.0%	90.00	0.00	450.00	0.00	45.00	405, 00	450.00	
	Yoilet Deodorant	each	6.00	0.0%	100, 0%	0.00	5, 0%	85.0%	24.00	0.00	144.00	0,00	21.60	122.40	144.00	
		bottle	3.00	0.0%	100.0%	0.0	5.0%	85. OX	140,00	0.00	420, 00	0, 00	63, 00	367.00	420.60	
	Soab 135g	each	11.00	0.0%	100.0%	0.00	5.0%	85. 0X	21.00	0.00	231.00	0,00	34.65	196, 35		
	Misselleneous	LS	1.00	15.0%	8.0%	60.0%	45. 0X	55. D%		47, 75	15, 92	254, 64	143, 24	175, 07		2.1
	Muscellaneous Total		1.00	10,00	· · · · · · · · · · · · · · · · · · ·	- 0 U. U.R		94. 17/9		47, 75	15, 931, 12	254, 64	5,776,92	10, 456, 58		
								$\overline{}$		0.3%	98, 1%	1.6%	35, 6%	64, 4%		
	Components (%) Unit Rate	nonth		-						17, 65	15, 898, 24	254. 12	5, 765, 00	10, 435, 00		
	Miscellaneous covers the cost for delive			.7-1	the second		Call a									

3501	Relocation of Existing Lighting Polss					Uni	t Rate						ount			
Item No.	Description	Unit	Quantity		Cor	panent (			Total			Component (PP)			Total	Remarks
I Lea No.	peac. 1 pe ton		4==	Lab.	Mat,	Equip.	for.	Local	(PP)	Labor	Material	Equipment	Foreign	Loca	(PP)	
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0. 54	27.7%	14.6%	57. 7X	40.7%	59.3%	896, 00	133, 84	70, 60	279. 39	197. 05	286. 79	483. 84	
#0106	Excavation, Backhoo G. 64m3 + Mannower	<b>#3</b>	2,39	24,9%	6,6%		41.6X		59, 80	35, 86	9. 43	97. 63	59, 39	83. 53		
W0025	Dimposel of Demolished Debris	m3	0, 54	16, 5%	12.9%		46.6%		138,00	12, 28	9, 59	52. 65	31, 84	39. 68	74. 52	
WO133	Backfill C	m3	2, 93	11,6%	11.6%		49, 3%	50.7%	145.00	49. 39	50. LB	325, 28	209, 51	215.34	424.85	
WOIOS	Excavation, Backhoe O.61m3	m3	3, 15	4.5%	B. 4%	87. 1%	62, 9%	47, 1%	40.90	5.80	10. 82	112.22	68. 13	60.71	128, 84	
W0111	Disposal of Surplus Soil (backhoe loading)	<b>#3</b>	0.52	8, 2%	14.6%	: 1	61.4%	49, 6%	93, 10	3. 99	7. 14	37, 27		23. 52	48.41	
W0133	Backfill C	m3	2, 63	11.6%	11.6%		49, 3%	50. 7X	145.00	44. 33	45.04	291.98	188.06	193. 29		
W0161	Gravel Poundation Fill	#3	0, 05	25, 2%	13.0%		38. 8%	61.2%	391.00	4. 92	2, 65	12.08	7. 59	11.96	19, 55	
WO203	Concrete (Class A. 21MPa. max agg. 38mm)	m3	0. 65	2.6%	81.5%	16. 1%	65, 6%	43. 2%	1, 590, 00	21.47	712. 62	140.41	496, 7B	377.72	874. 50	Loss 2.
W0235	Concrete Pouring by Manpower for small structures	3	0. 64	98.0%	0. 2%	1.8%	t. 1%	98. 9%	228.00	120. 71	0. 24	2. 17	1. 33	121: 78		
W0236	Concrete Curing (plain concrete)	m3	0.54	70, 9%	8,7%	20.4%	6.0%	84.0%	9.02	3, 48	0, 42	0.99	0. 78	4. 09	4. 87	
W0240	Formwork (plain concrete tK4m)	m2	3, 50	59, 3%	40,0%		2, 9%	97. 1%	224.00	477, 88	322, 20	6. 32	23. 54	782.86		
L002	Foremen	má	0.38	100.0%	0.0%	0.0%	0.0%	100,0%	576.00	218, 66	0,00	0,00	0.00	218.68	218. 88	
L012	Electrician	md	0.44	100.0%	0,0%	0. DN	0,0%	100.0%	429.00	189, 76		0.00	9.00	188. 76	188, 76	
L020	Unskilled Labor	enci-	0.75	100.0%	0.0%	0.0%	0.0%	100,0%	320, 00	240,00		0,00	0,00	240.00		
R0402-010	Truck Crane, Hydraulic 6-10t	hr	1.91	15. 5X	9. 3X	75. 2X	46.9%	53, 1%	486, 00	143.88	86, 33	698, 06	435. 76	492.50	928. 26	
Q0405-013	Lift Car. 12~13m	þΣ	0.95	6, 9%	3.0%	90, I%	54. IX	45. 9%	1, 180, 00	77. 56	33. 43	1, 009. PL	606, 23	514.77	1, 121, 60	0.04
	Miscellaneous	1.5	1.00	10,0%	30.0%	60. ON	50.0%	50,0%		49. 68	149, 04 1, 509, 65	298.08	248. 40 2. 602. 30	248. 40 4, 101. 571	496. 81 6, 706. 88	8.0%
	Total									1, 832, 58	22.5%	3, 364, 65 50, 2%	38.8%	61.25	100.0%	
	Companents (%)	<b></b>				<del> </del>		-		27, 3%	1, 510, 35	3,366,221	2, 603, 51	4, 106, 49		<del></del>
	Miscellaneous covers the costs for cable	each	L					<u>.                                    </u>		1, 833, 43	1,010,35	4, 100, 221	4, DU3, B	9, 100, 491	0, 7 10, 001	

¥3502	Relocation of Underground Conduit												Unit:	100,00	п	
	T	Τ				Uni	t Rate						ount			
Itom No.	Description	Unit	Quantity		Cor	mponent (	%)		Total			Сопролень (РР)			Total	Remarks
*****		l	l	Lab.	Mat.	Equip.	for.	Loca	(PP)	Labor	Materia	Equipment	Foreign	Local	(PP)	
W0106	Excavation, Backhoe 0.61m3 + Mannower	In3	72,00	24.9%	6.6%	68.5%	41.6%	58. 4%	59, 80	1, 074. 17	284, 23	2. 947. 20	1, 789, 25	2, 51,6, 35	4, 305, 60	
W0133	Backfill C	m3	72.00	11.64	11.8%	78, 6%	49, 3%	50. 7%	[45, 00]	1, 213, 66	1, 233. 02	7, 993, 32	5, (48, 45)	5, 291, 85	10, 440, 00	- 1
W0105	Excavation, Backhoe 0.61m3	m3	72.00	4.5%	B. 4%	87. 1%	62.9%	47. 1%	40, 90	132, 52	247. 36	2, 664, 92	1, 557, 17	1, 387, 63	2, 944, 80	
W0162	Selected Sand Pill	m3	36,00	34. 5%	15, 1%		32.9%	67, [%]	277.00	3, 436, 91	1,507.58	8, 025, 51	3, 276, 66	6, 695, 34	9, 972, 00	
	Backfill C	m3	36.00	11.6%	11.8%	78. 6X	49. 3%	50. 7%	145.00	606, B3	618, 51	3, 996, 66	2, 574, 23	2.845.77	5, 220. 00	
WOLLI	Disposal of Surplus Soil (backhos loading)	m3	38.00	8. 2%	14.8%	77. OX	5 L. 4%	48.6%	93. 10	278. 40	494, 57	2, 580, 62	1, 723, 29	1,628.31	3, 351, 60	
M13051	Electric Cable	. m	103.00	0.0%	100.0%	0. 0X	55.0%	45.0%	62, 30	0.00	6,416,90	0.00	3, 529, 30	2, 887. 61	6, 416, 90	Loss 3.0%
L002	Forensh	Ind	0,40	100.0%	0,0%	0.0%	0.0%	100. CX	576,00	230, 40	0,00	0.00	0,00	230, 40	230, 40	
	Electrician	md	2.60	, LOO. 0%	0.0%	. 0. OX	0. 0X	100.0%	429,00	l. l 15, 40	0,00	0,00	0.00	1, 115, 40	1, 115, 40	I
1	Miscellaneous	LS	1.00	10.0%	30,0%	_60.0%	50.0%	50,0%		44.00	131.99[	263. 9R	219. 98	219.98	439.97	1.0%
	Total									8, 132, 30		26, 372, 20	I9, 818, 33	24, 618, 33		
	Components (%)									18.3%	24. 6%	67. 1%	44. 6%	55, 41	100,0%	
	Unit Rate	F								81, 26	109, 23	253, 5)	98.02	245, 98	444,00	
	Miscelleneous covers the cost for minor	tools.	igint, tap	es. etc.						•						

3503	Relocation of Watermain					Uni	t Rate						ount			
Item No.	Description	Unit	Quantity		Çor	ponent (			Total			Component (PP)	T		Total	Remarks
* * COIP 1747	V-2-17F-14M	l .		Lab.	Mat.	Equip.	For,	Local	(PP)	Labor	Material	Equipment	Foreign	Loca L	(PP)	
W0106	Excavation, Backhoe Q.61m3 + Mannower	m3	72,00	24.9%	6.6%	68. 5%	41.6%	58. 4%	59, 80	1, 074, 17	284, 23	2, 947, 20	1, 789, 25	2, 516, 35	4, 305. 60	
WO133	Backfill C	m3	72,00	11,6%	11. BX	76.6%	49.3%	50, 7%	145.00	1, 213. 66	1, 233, 02	7, 993, 32	5, 148, 46	E, 291, 66	10, 440, 00	
W0105	Excavation, Backhos O. 61m3	[m3	72,00		. B, 4%		52.9%	47. 1%	40.90	132, 52	247. 36	2, 564, 92	1, 557, 17	1, 387, 63		
10162	Selected Sand Fill	m3	36.00	34.5%	15.1%	50. 4%	32.9%	87. t%	277, 00	3, 438. 91	1, 507. 58	5, 025. 51	3, 276, 56	6, 695. 34	9, 972, 00	
W0133	Beckfill C	m3	36.00	11.6%	L). B).	76.6%	49.3%	50.7%	145, 00	606.83	618, 51	3, 996. 66	2, 574, 23	2, 845, 77	5, 220, 00	
WOLLI	Disposal of Surplus Soil (backhoe loading)	m3	36.00	8. 2%	14.8%	77.0%	51.4%	48, 6%	93. [0	276.40	494. 67	2, 580. 62	1, 723. 29	1, 628, 31	3, 361. 60	
M08720	Steel Gas Pipe. & 200		100.00	0.0%	100,0%	0.0%	60,0%	40, 0%	1,080.00	0, 00		0,00	64, 800, 00	43, 200, 00		
1.002	Foreman	pd .	0.40	100.0%	0.0%	0.0%	0,0%	100.0%	576.00	230, 4D	0.00]	0.00	0.00	230. 40	230. 40	
L020	Unskilled Labor	ed	1.70	100,0%	0.0%	0.0%	0,0%	100, 0%	320, 00	544, 00	0.00	8.00	0.00	544.00	\$44,00	
	Miscellaneous	l t.s	1.00	10.0%	30.0%	60, 0%	50,0%	50.0%		145. DL	<u>435. 03 (</u>	879.05	725. 04	725.04	1, 450, 08	L OX
	Total									7, 661, 91	112, 818, 30		BL 594. LO	64, 864, 39		
	Components (%)								1	5, 2%	77, 0%	17, 7%	55.7%	44.3%	100, 0%	
	. Unit Rate	m								76, 38	1, 124, 65	258, 97	813.39	646.61	[, 460. Q0	

.

#3504	Relocation of Sewer Pipe												Un(t:	10.00	<u>In</u>	
·		I					it Rate						ount			
Item No.	Description	Unit	Quantity	Lab.	Mat.	popent Equip.	For.	Local	Total (PP)	Labor	Material	Component (PP Equipment	Foreign	Local	Total (PP)	Remarks
W0106	Excavation, Backhoe 0.61m3 + Mannower	m3	22.87	24.9%	6.63	68.5%	41,6%		59, 80	341.20	90, 28	936. 15		799. 29		
₩0133	Backfill C	m3	22, 67		11.8%	76, 6%	49.3%	50, 7%	145.00	385.51	391, 66	2, 536, 99	1, 635, 35	1, 680, 60		
W0105	Excevation, Backhoe 0.61m3	m3	22, 67		8.4%	87.  %			40, 90	42, 09	78, 57	814, 72	494.62	440.76	935. 38	
₩0203	Concrete (Class A. 21MPa, max agg. 38mm)	m3	5. 02	2.5%	81.5%	16, 1%	56.8%	43. 2%	1, 590. 00	195.97	6, 504, 29	1, 281. 54	4, 534, 29	3, 447. 61	7, 981, 80	Loss 2.0%
W0235	Concrete Pouring by Manpower for small structures	m3	4. 92		0. 2%	1.8%	1. 1%	98. 9%	228.00	1, 099. 76		19. 80	12. 10	1, 109. 66	1. 121. 76	
¥0236	Concrete Curing (plain concrete)	т3	4. 92		8, 75	20.4%			9, 02	31.48		9. 03	7. 10	37. 26	44, 38	
W0152	Selected Sand Fill	ne3	8.86		15, 1%	50.4%		87. 1%	277, 00			1, 236, 83	806.42	1,647.80	2, 454, 22	
W0133	Backfill C	m3	4. 53	11.6%	t L. BX	76.6%	49, 3%	50.7%	145.00	76. 36	77, 58	602, 91	323. 92	332. 93	656.85	
WOLLI	Disposal of Surplus Soil (backhos loading)	m3	18. 34	8.2%	14. BX	77. 0%	51.4%	48. 6%	93. 10	140. 8i	251, 96	1, 314, 68	877. 92	829, 53	L, 707. 45	
W0332	Precent Reinforced Concrete Pipe (Extra Strength 32MPa), fabrication 6610	m	10.00	10, 4%	68. 5%	21. 2%	53. 5%	46. 8%	t, 110, 00	1, 149, 08	7, 598. 56	2, 352. 36	5, 943, 25	6, (56. 76	11, 100, 00	i
₩0342	Precest Concrete Pine Laving 6610		La.ga		8.2%	45.8%	29.5%	70.5%	246,00	1, 132, 64	201.69	l, l25.77(	724.95	L, †35, 05	2,450.00	
L	Miscellaneous	LS	1,00							0, 00		0, 00	0,00	0, 00	0,00	0.0%
	Total									5, 441, 16	15, 571, 69	12, 132, 78	15, 929, 26	17, 217, 36	33, 145, 62	
	Components (%)									16.43	47.0%	36, 6%	48. 1%	51.9%	100.0%	
1	Unit Rate	m.	i l			_		<b> </b>		543, 37	1, 555, 03	1, 211, 61	1, 590, 63	1, 719, 37	3, 310, 00	

¥3511 Repair & Maintenance of Existing Access Road Amount
Component (PP)
Equipment Fc
0.00
3,844.98
545.65
323.11
4.713.74
3
6.75
47.14 | Unit Rate | Component (%) | Lab. | Mart. | Equip. | For. | Lacal | L00.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0 Total (PP) 320, 00 258, 00 780, 00 Total (PP) 960, 00 5, 109, 40 663, 00 807, 77 7, 639, 17 Item No. Description Unit Quantity Remarks Material 0.00 792, 82 117, 83 323, 11 1, 233, 28 16, 4% 12, 33 Fore (gn 0.00 2.399, 73 372, 62 323, 11 3.095, 46 41, 18 30, 96 1,0cal 950, 00 2, 708, 87 290, 38 484, 86 4, 443, 71 58, 9% Labor 960,00 470,59 0,00 181,55 1,592,15 21,13 LO20 Unskilled Labor
W0122 Crushed Aggregate, trensported
R0307-000 Plate Compector
Miscellaneous 3. 00 19. 80 0. 85 L. 00 md m3 day LS Loss 32.0% Congonents (%)

Unit Rate

Wiscellaneous covers the cost for maintel
Repair Thicknoss 12.0%

¶4101	Environmental Compliance												Ontes	1,00 )	KOL	
						lin	t Rate						unt			
ltem No.	Description	Unit	Quantity		Co	npohent.	1)		Total			Component (PP)			Total	Remarks
				,ab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material :	Equipment	Foreign	Local	(PP)	
L002	Foreman	md	1.00		0,0%	0,0%	0.0%	100.06	576.00		0.00	0.00	0.00			
L020	Unskilled Labor	n-d	3.00	100.0%	0.0%	0,0%	0.0%	100.0%	320, 00	960.00	0.00	0,00	0,00	960, 60	960.00	
	Compensation	LS	3.00	50, 0%	50.0%	0.0%	0.0%	100.0%	95, 970, 00	47, 985, 00	47, 985, 00	0, 00	0.00	95, 970. 00	93, 970, 00	
L	Miscellaneous	L.LS.	1.00	20.0%	40.0%	40,0%	40.0%	60.0%		390.02	780,05	780.05	780. 05	1, [70, 07]	1, 950, 12	2.0%
	Total									49, 911, 02	48, 765. <u>05</u>	780, 05	780, 05	98, 676, 07	99, 456, 12	
	Components (%)									50.2%	49. C%	0,8%	0, 8%	99, 2%	100.0%	
	Unit Rate	ko								49, 933, 04	48, 786, 56	780.39	780. 39	98, 719, 61	99, 500, 00	

74111	Health and Safety Requirements												Unit:	1.00	day	
						Un	il Rate					Amo	วนกร			
Item No.	Description	# Pinis	Quentity		Çor	inenoge	(%)		lusot			Component (PP)			fore!	Remarks
<u> </u>			!	Lab.	Mat.	Louip.	For.	Local	(PP)	Labor	Hateria	Equipment	Foreign	l.oca	(PP)	
	Health and safety Requirements	dav	1.00	10,0%	65. OX	35, 0%	40.0%	60.0%	685. 00	58, 60	377, 30	240, 10	274. 40	411.60	685, 00	
	Miscellaneous	I.S	1.00							0.00	0,00		0, 00	0.00	0.00	0.0%
	Total									68,60	377, 30		274, 40	411,60	686,00	
	Components (%)									[0.09]	55.0%	35.0%	40, 0%	60,0%	[00.0%	
	Unit Rate	day								68.60	377, 30	240, 10	274. 40	411,60	686,00	

| Minimum wage x a | Minimum wage x a | Minimum wage x a | 228.50 PP/day a : Coefficient | 3.00

	1					Ųn	it Rate		1				oun;			
tem No.	Description	Unit	Quantity			ponent	(%)		fotal			Сомранені (РР)			Total	Remarks
				_ab	_lla t	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Loca)	(PP)	
	Excavation, Backhoe 0.61m3 + Manpower	,m3	4.70	24.9%	6,6%	68, 5%	41.6%	58.4%	59.80	70. 12	18.65	192, 39	116.80	164, 26	281.06	
	Disposal of Surplus Soil (backhoe loading)	m3	0.60	8, 2%	14, 8%	77, 0≴	5 i . 4%	49, 6%	93. [0	4. 61	8. 24	43.01	28. 72	27. 14	55, 86	
W0133	Backfill C	n3	4, 10	11.6%	11.8%	76.6%	49.3%	50, 7%	145.00	69. []	70, 21	456, 17	293, 18	301, 32	594, 50	
W0203	Concrete (Class A. 21MPa. max agg 38mm)	m3	0.61	2.5%	B1.5%	16. 1%	56. B%	43, 2%	L, 590, 00	23.81	790.36	166, 73	650. 98	418, 92	969. 901	Loss 2.
W0235	Concrete Pouring by Manpower for small structures	m3	0. 80	88, 0%	0. 2%	1.8%	l. (%	98. 9%	228, 00	134, 12	G. 27	2, 41	J. 48	135.32	136, 80	
VC236	Concrete Curing (plain concrete)	m3	0.60	70. 9X	8.7%	20, 4%	16.0%	84.0%	9. 02	3.84	0, 47	1, 10	0.87	4, 54	5. 41	
<b>W0240</b>	Formwork (plain concrete K<4m)	m2	4.80	59.3%	40.0%	0.8%	2.9%	97, 1%	224.00	637. 17	429. 60	6, 43	31, 39	1,043.81	1,075.20	
M07201	Traffic Sign Board (aluminum)	m2	5, 94	0,0%	100.0%	0.0%	65,0%	35.0%	13, 800. 00	0,00		0.00	63, 281, 60	28, 690, 20	81,972,00	
108708	Steel Gas Pipe. 6125		11.20		100.0%	0.0%	60.0%	40, 0%	503, 00	0.00	5, 833, 60	6,00	3, 380, 16	2, 253, 44	5, 633, 60	
L002	Foremen	acc	0.11	100.0%	0, 0%		0.0%	100.0%	576, 00	63. 36	0.00	0, 00	0,00	63.36	63. 36	
L020	Unskilled Labor	mid .	0.37	100.0%	0.0%	0.0%	O, D%	100.0%	320.00	118,40	Ð, 00	0.00	0,00	118.40	118.40	
	Miscellaneous	LS	1.00	20, 0%	40.0%	40.0%	50.0%	50, 0%	!	545. 44	1,090.67	1,090,87	1, 363, 59	1, 363, 59	2, 727, 18	3.0%
	Total									1,669,97	90,014,18		59, 048, 96	34, 584, 32	93, 633, 27	
	Components (%)									1. BX	96, 1%	2.1%	63, 1%(	36, 9%	100,0%	
	Unit Rate	each								1.669.38	89, 982, 20	1, 946, 43	59, 027, 97	34, 572, 03	93,600,007	

Hiscellaneous covers the costs for fixtures, paints, etc.