#### Drainage and Slope Protection Structures Part G

#### 600(l)a3 RCPC Standard Strength (25MPa), \$\$460mm (18") Unit: 10,00 m Amount Unit Kate Total (PP) Component (PP) Remarks Unit Total Item No. Description Quantity Component (%) Material Lab, Mat. Equip. For. Local (PP) Labor Equipment Forcígn Local Precast Reinforced Concrete Pipe 2, 794, 81 23. 3% 3, 499, 21 1,216.32 2, 425, 19 5, 220, 00 W0303 (Standard Strength 25MPa), fabrication 10,00 9, 7% 67.0% 53, 5% 46, 5%, 522.00 504.47 m \$460 (18°) 578.77 W0341 Precast Concrete Pipe Laying \$460 (18") 45.0% 28, 9% 71.1% 200.00 938, 50 161.66 899.83 1,421.23 2,000.00 m. 10.00 46.9% 8,1% 0.00 0.00 0,00 0.0% 0,00 \_0, 00 0.00 Miscellaneous LS 1,00 1, 442. 98 3, 373. 57 3, 846. 43 Total 3, 660, 87 2,116.16 7, 220, 00 Components (%) Unit Rate 20. 0% 50.7% 29.3% 46, 7% 53, 3% 100.0% 144.30 366, 09 211.62 337.36 384, 64 722,00 .

#### 500(1)a4 RCPC Standard Strength (25MPa), \$610mm (24")

						Ų	hit Rate					Amo	<u>int</u>			
ltem No.	Description	Unit	Quantity		Col	nponchi	(%)		โอเลโ			Component (PP)			Total	Remarks
				Lab.	Mai,	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Loca]	(PP)	
W0304	Precast Reinforced Concrete Pipe (Standard Strength 25MPa), Fabrication \$610 (24*)	m	10.00	9, 9%	67, 3%	22, 8%	53, 5%	46. 5%	861.00	852, 73	5, 793. 82	1, 963. 46	4, 607. 68	4, 002. 32	8, 610. 00	
W0342	Precast Concrete Pipe Laying \$610 (24") Miscellaneous	m LS	10.00		8.2%	46. 2%	29, 7%	70.3%	214. 00	ł, 111, 80 0, 00	200, 86		724.50 0,00	1, 715. 50 0.00	2, 440, 00 0, 00	6,0%
	Total						1			1, 964, 52	5, 994. 68	3, 090. 79	5, 332, 18	5, 717, 82	11,050.00	
	Components (%)									17. 8%	54.3%	28.0%	48, 3%	51.7%	100.0%	
	Unit Rate	n								197, 34	602.18	310.48	535. 63	574, 37	1, 110, 00	

#### 500(1)a5 RCPC Standard Strength (25MPs), \$\$\phi 760mm (30")

Unit Rate

.

(		( (				<u>اا</u>	uit Rate		(			Amou	int			I (
ltem No.	Description	Unit	Quantity		Co	mponent	(%)		Total			Component (PP)			Tatal	Remarks
				i.ab	Mat,	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Loca)	(PP)	
	Precast Reinforced Concrete Pipe			-												
W0305	(Standard Strength 25MPa), fabrication	m	10.00	10.0%	67,4%	22.5%	53, 5%	46.5%	1, 280, 00	1, 285, 49	8, 629, 99	2, 884, 52	6, 847, 94	5,952.06	12, 800, 00	[ ]
i	a 760 (30 <sup>**</sup> )															
W0343	Precast Concrete Pipe Laying \$760 (30")	m	10, 00	46, 9%	8.1%	45, 0%	29,0%	71,0%	301.00	1, 410, 77	243, 48	1, 355. 75	871.98	2, 138, 02	3, 010, 00	l
	Miscellaneous	] LS ]	1.00			l				0, 00	0.00	0.00	0.00	0.00	9.00	0.0%
	Total					I				2,696,26	8, 873, 47	4, 240. 27	7, 719, 92	8, 090, 08	15, 810, 00	
	Components (%)									17, 1%	56.1%	26.8%	48. 8%	51.2%	100, 07	
	Unit Rate	[ m								269, 46	886, 79	423.76	771.50	808, 50	1, 580. 00	

#### 500(1)m6 RCPC Standard Strength (25MPa), \$910mm (36") linit: 10,00 m Unit Rate Amount líní t Component (%) Component (PP) Remarks Lem Na. Description Quantity Total Total Lab. Mat. Equip. For. Local (PP) Labor Material Equipment Foreign Local (PP) Precast Reinforced Concrete Pipe 2,067,89 ₩0306 (Standard Strength 25MPa), fabrication m 10, 00 10, 5% 67,8% 21.7% 53, 4% 46, 6% 1, 970. 00 13, 350, 59 4,281.52 10, 527, 61 9, 172. 39 19,700.00 φ9(0 (36<sup>\*\*</sup>) W0344 Precast Concrete Pipe Laving \$910 (36") 18.00 31,0% 8.6% 60. 1% 37. 7% 62.3% 513,00 1, 588, 17 443, 116 3, 698, 77 1, 933, 29 3, 196, 71 5, 130, 00 m Miscellaneous 1.00 0,00 0.00 0, 00 0, 00 0.00 0.00 0.0% LS 3,656.06 7, 380. 29 12, 460. 89 12, 369, 11 24,830.00 Total 13, 793, 66 100, 0% Components (%) 14.7% 55.6% 29.7% 50.2% 49.8% 737.14 1, 377, 70 365, 16 1,244.58 1, 235. 42

500(1)a7	RCPC Standard Strength (25MPs), \$1070m	<u>m (42</u> "	2										Unit:	10.00 g	۸ <u></u>	
						U	<u>nit Rate</u>	<u>}                                    </u>				Amor	ini			
Item No.	Description	Unit	Quantity			nponent			Total			Component (PP)			Total	Remarks
		]		Lab_	Mat.	Equip.	For.	Local	(ቦア)	abor	Material	Equipment	Foreign	Local		
W0307	Precast Reinforced Concrete Pipe (Standard Strength 25MPa), fabrication \$1070 (42")	in l	10, 00	10, 5%	67.8%	21.7%	53, 4%	46. <del>6</del> %	2, 580. 00	2, 711, 35	17, 489, 56	5, 599. 09	13, 787. 23	12, 012. 77	25, 800. 00	
WQ345	Precast Concrete Pipe Laying #1070 (42")	•	10,00		8. 6%	60.0%	37, 4%	62.6%	590, 00		507, 08	3, 538. 93	2, 208, 29	3, 691. 71	5, 900, 00	
	Miscellaneous	1.5	1,00							0,00	0.00	<u>0,00</u>	0,00	0,00	0.00	0.0%
	Total	1								4, 565, 34	17, 996, 64	9, 138. 02	15, 995, 53	15, 704, 47	31, 700, 00	
	Components (%)									14.4%	56.8%	29, 8%	50.5%	49.5%	100.0%	
	Unit Rate	m								456, 53	1, 799, 66	913.80	1, 599, 55	1, 570, 45	3, 170. 00	

2, 180.00

10,00 m

[0.00 m

Unit:

Unit:

		} [					Init Rat	e .				Атоц	nt	<del>_</del>		<b>.</b> .
Item No.	Description	Unit	Quantity			ponent		<del></del>	Total			Component (PP)	·		Total	Remark
	Precast Reinforced Concrete Pipe	$\vdash$		Lab.		Equip.	<u>For.</u> 53.4%	Loca1 46.6%	( <u>PP</u> )	Labor	Material (0.007 (0)	Equipment	Foreign 17, 368, 67		(PP)	
W0308	(Standard Strength 25MPa), fabrication # 1220 (48") Precast Concrete Pipe Laying # 1220	[ m ]	10.00	10, 5%	67.8%	21.7%	ļ		3, 250, 00	3, 408. 67	22, 027, 63	7, 063. 69		15, 131, 33	32, 500, 00	
W0346	(48")	m	10.00	31,2%	8,6%	60.2%	37.6%	62, 1%	661.00	8, 059, 03	569.74	3,981.23	2, 484, 031	4, 125, 97	6,610,00	
	Miscellaneous	LS	1.00				L			0,00	0.00	0.00	0.00	0, 00	0.00	0.0%
	Total						<u> </u>			5, 467, 71	22, 597, 37	11,044.92	19,852.69	19, 257, 31	39, 110. 00	
	Components (%)						L			14.0%	57.8%	28.2%	50, 8%	49, 2%	100, 0%	
	Unit Rate	<u>n</u>					<u> </u>	L		546, 63	2, 259. 16	1, 184. 21	1,984.761	1, 925. 24	3, 91 <u>0.</u> 00	
00(1)a9	RCPC Standard Strength (25MPe), #1520n	<u>un (60″</u>	)				lnii Rat					Amou	Unit:	10.00 m		
ltem No.	Description	Unit	Quantity		Car	ponent		e	Total			Cemponent (PP)	nt	· · · · · · · · · · · · · · · · ·	Total	Remar!
TUCH NO.	peser (peron	unte	Manucity	Lab.	Mat.	Equip.		Local	(99)	Labor	Material	Equipment	Foreign	Local	(PP)	NC4161 :
W0309	Precast Reinforced Concrete Pipe (Standard Strength 25MPa), fabrication \$ 1520 (60")		10, 00		67, 8%	21.7%			4, 860. 00	5, 106, 19	32, 911. 79	10, 549, 02	25, 971, 62	22, 628, 48	48, 600, 00	
W0347	Precast Concrete Pipe Laying ¢ 1520 (60″)	m	10, 00	26.8%	8. 5%	64.7%	40, 0%	60. 0%	934, 00	2, 502. 52	792, 46	6, 015. 02	3, 732, 94	5, 607, 06	9, 340. 00	
==	Miscellancous	LS	L, <u>0</u> 0							0.00	0, 00	<u>0. u</u> o	0. 00	0,00	0.00	0. 0%
	Total									7, 608. 71	33, 737, 25	16, 594, 04	29, 704. 46	28, 235, 54	57, 940, 00	
	Components (%)									13.1%	58.2%	28.6%	51.3%	48, 7%	100.0%	
	Unit Rate	l m						I]		760.35	3, 371. 40	1,658,26	2, 968, 40	2, 821, 60	5, 790, 00	
00(1)63	RCPC Standard Strength (32MPa), #460mm	n (18")								_			Unit:	10,00 m		
t. 1			0				<u>Unit</u> Rat	0				Amou	int			
Item No.	Description	Unit	Quantity	Lah,		ponent		111	Total (PP)		Material	Component (PP)	Paul an		Total	Remar
	Precast Reinforced Concrete Pine			<u>.an</u>		čquiρ.	<u> Por.</u>	Local	<u> </u>	Lahor	Material	Equipment	Foreign	Local	(PP)	<u> </u>
W0313	(Standard Strength 32MPa), fabrication $\phi$ 460 (18")	m	10, 00		69.0%	20. 7%			576, 00	598.00	3, 972. 35	1, 189, 65	3, 088, 64	2, 671, 36	5, 760. 00	
W0341	Precast Concrete Pipe Laying 6460 (18") Miscellaneous	n LS	10,00	46, 9%	8.1%	45.0%	28.9%	71.1%	200, 00	938, 50 0, 09	. 151,66 0,00	899, 83 0, 00	578, 77 0, 00	1, 421, 23 0, 00	2,000.00 0.00	0, 0
	Total						<u>+-</u>			1, 536, 51	4, 134, 01	2,089.48	3, 667. 41	4,092.59	7, 760, 00	
	Components (%)									19, 8%	53.3%	26, 9%	47.3%	52.7%	100.0%	
	Unit Rate	<u>i n i</u>					E			153, 65	413, 40	206, 95	366, 74	409.26	776.00	
00(1)64	RCPC Standard Strength (32MPa), $\phi$ 610gm	n (24″)	·										<u>Unit</u> ;	10,00 m		
T. N	n tut		A 1/2				Unit Rai	e				Amou	nt			n
Item No.	Description	Unit	Quantity	Lab.		ponent Equip	(%) Fo <u>r.</u>	Local	Total (PP)	Labor	Material	Component (PP) Equipment	Foreign	Local	Total (PP)	Remai
₩0314	Precast Reinforced Concrete Pipe (Standard Strength 32MPa), Tabrication	- -	10.00	10.3%	68, 9%	20.7%	<u> </u>		945.00	976, 74	6, 512. 98	1, 960, 28	5, 067, 86	4, 382, 14	9, 450, 00	
¥0342	φ610 (24") Precast Concrete Pipe Laying φ610 (24")		10,00	45.6%	8.2%	46, 2%			244.00	1, 111, 90	200, 86	1, 127, 34	724, 50	1, 715, 50	2, 440, 00	
	Miscellaneous	Lis	1,00				1		210.00	0.00	0,00	0,00	0,00	0.00	0,00	0,0
	Total			1			<u> </u>			2, 088, 54	6, 713. 85	3, 087, 61	5, 792. 36	6,097.64	11, 890.00	
	Components (%)									17.6%	56. 5%	26.0%	48.7%	61.3%	100.0%	
	Unit Rate	m _				l				209, 43	671.95	309.02	579.72	610.28	1, 190, 00	
OO (1) 65	RCPC Standard Strength (32MPa), \$760m	n (30 <u>″</u> )								_			Unit	11), OO m		
				L			Unit Rat	e				Amoi	int			
Item No.	Description	Uni t	Quantity	Lab.	Cor Mat.	iponent Equip.	(%) For.	Local	Total (PP)	Labor	Maturial	Component (PP) Equipment	Foreign	Local	Total (PP)	Remai
W0315	Precast Reinforced Concrete Pipe (Standard Strength 32MPn), fabrication & 760 (30")	m	10, 00	10, 2%		21.0%		46. 4%	t, 320, 00	1, 347. 64	9, 086, 88	2, 765. 47	7, 081. 53	15, 110, 47	13, 200. 00	
W0343	Precast Concrete Pipe Laying @760 (30*) Miscellaneous	m IS	10, 00 1, 00		8.1%	45, 0%	29.0)	6 71.0%	301, 00	1, 410. 77 0. 00	243, 48 0.00	1, 355, 76 0, 00	871.98 0.00	2, 138, 02 0, 00	3, 010, 00 0, 00	0. (
	Total		1.00				+	<u>                                      </u>		2, 758, 41	9, 330, 37	4, 121, 22	7, 953, 51	8, 256, 49	16, 210, 00	0.0
	Components (%)	++					<u>+</u>	1		17.0%	57.6%	25, 4%	49. 1%	50, 971	100.0%	

	<u>RCPC Standard Strength (32MPs), \$910mm</u>	100 /											Unit:	10.00 m	<u> </u>	
							nit Rate	2				Amour	<u>1</u> t	·		N 1
Lenn No.	Description	Սոււ	Quantity			ponent			Total	·····		Companent (PP)	- <u> </u>		Total (PP)	Remarks
				Lab.	Mat.	Equip.	For.	Local	<u>(PP)</u>	Labor	Material	<u>Equipment</u>	Foreign	Local		
W0316	Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication d 910 (36")	M	10,00	10.3%	69. 1%	20. 1%	53. 5%	46, 5%	2, 130, 00	2, 305. 31	14, 720. 49	4, 274. 20	11, 494, 03	9, 895, 97	21, 300. 00	
W0344	Precast Concrete Pipe Laving Ø910 (36") Miscellaneous	n LS	10.00 1.00	31, 0%	8.6%	60. 4%	37. 7%	62.3%	513.00	1, 588, 17 0, 00	443.06 0.00	3, 098. 77 0. 00	1, 933. 29 0, 00	3, 196, 71 0, 00	5, 130, 00 0, 00	0.0%
	Total	49	1. 44							3, 893, 48	15, 163, 55	7, 372. 97	13, 337, 32	13, 092, 68	26, 430, 00	
	Components (%)									14. 7%	57.4%	27.9%	50, 5%	49, 5%	100.0%	
	Unit Rate									388.91	1.514.63	736.46	1, 332, 22	1,307.78	2,640,00	
		<b>ب</b> ــــــــــــــــــــــــــــــــــــ						•								
)0(L)b7	RCPC Standard Strength (32MPa), $\phi$ 1070m	m (42″	)										<u> </u>	10.00 m		
							nit Rate	2		<u> </u>		Amour	<u>nt</u>			
ltem No.	Description	lnii	Quentity			ponent			Total			Component (PP)			Total	Remarks
				Lab,	Mat.	Equip,	For.	Local	<u>(PP)</u>	Labor	Material	Equipment	lioreign	Local	(pp)	
W0317	Precast Reinforced Concrete Pipe (Standard Strength 32MPa), Tabrication # 1070 (42")	n	10.00	10.7%	69. 1%	20. 2%	53, 6%	46, 1%	2,680.00	2, 880, 70	18, 515. 16	5, 404. 14	14, 352. 52	12, 447, 48	26, 800, 00	
<b>W03</b> 45	Precast Concrete Pine Laying $\phi$ 1070 (42°)	n	10, 00	31, 4%	8.6%	60. 0%	37.4%	62. 6%	590. 00	1, 853. 99	507.08	3, 538. 93	2, 208, 29	3, 691, 71	5, 900, 00	
	Miscellaneous	LS	1, 90							0,00	0.00	0.00	0, 00	0.00	U.00	0.0%
	Total									4, 734. 70	19, 022, 24	8, 943. 07	16, 560. B1	16, 139, 19	32, 700.00	
	Components (%)									14. 5%	58. 2%	27. 3%	50.6%	49.4%	100.0%	
	Unit Rate	, m								473. 17	1, 902. 22	894. 31	656.08	1, 613, 92	3, 270, 00	
<u>оо (1) ъв</u>	<u>RCPC Standard Strength (32MPa), ¢1220m</u>	в (48″	)										Unit	<u>10.00</u> _m	۱ <u>,</u>	
							nit Rate	8				Amour	<u>nt</u>	·····		
Item No.	Description	Unit	Quantity		Cor	ponent	(%)		Total		<u> </u>	Component (PP)			Total	Remarks
				Lah.	Mat.	Equip.	For.	1.0001	(99)	i,abor	Material	Equipment	lioreign	Local	(PP)	
W0318	Precast Reinforced Concrete Pipe (Standard Strength 32MPa), Tabrication \$\$\phi1220 (48")	m	10.00	10, 7%	69, 1%	20. 2%	53.6%	16. <b>1</b> X	3, 470, 00	3, 729. 96	23, 968. 18	7, 001. 86	L <b>8, 582.</b> 74	16, 117. 26	34, 700, 80	
¥0346	Precast Concrete Pipe Laying \$1220 (48~)	m	10.00	31, 2%	8.6%	60.2%	37.6%	62. 43	661, 00	2, 059. 03	569.74	3, 981. 23	2, 484. 03	4, 125, 97	6, 610, 00	
	Miscellaneous	LS.	1,00							0.08	6, 03	<u> 0.00</u>	0, (10	0,00	0.00	0.0%
	Total									5, 788. 99	24, 537, 92	10, 983, 09	21,066.76	20, 243, 24	41, 310, 00	
	Components (%)			i i		1				14.0%	59. 1%	26. 6%	51.0%	49.0%	100.4%	
	Unit Rate	m								578. 76	2, 453. 20	1, 098, 04	2, 106, 17	2, 023, 83	4, 130.00	
	RCPC Standard Strength (32MPa), ¢1520m	•- <u>-</u>	)							578. 76	2,453.20[		Unit		4, 130.00	
	RCPC Standard Strength (32MPa), ¢1520m	m (60″					nit Rate	e		578. <u>76</u>	2,453.201	Anou	Unit	2, 023, 83	4, 130.00	
00(1)19 Item No.		•- <u>-</u>	) Quantity		Co	mponent	(%)		Total			Amau Component (PP)	Unit:	2, 023, 83 10, 00 m	4, 130. 00 1 Total	Remarks
Item No.	RCPC Standard Strength (32MPa), \$\$1520m Description Precast Reinforced Concrete Pipe	m (60″	Quantity	Lab.	Mat.	mponent Equip.	(%) For	Local	(PP)	<u>i</u> abor	Material	Angun Component (PP) Equipment	Unit: Nt Foreign	2, 023, 83 10, 00 m Local	4, 130.00 Total (P)	Romarks
Item No. WG319	RCPC Standard Strength (32MPa), ¢152Om Description Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication ¢1520 (60°)	m (60″ Unit m	Quantity 10.00	\$0, 8%	Mat. 69, 1%	nponent Equip. 20.1%	(%) For. 53. 5%	<u>t.ocal</u> 16. 5%	(PP) 5, 170, 00	Labor 5, 589. 19	Matería) 15,731.80	Amau Component (PP) Equipment [A, 377, 01]	Unit: Nt Foreign 27, 681.93	2, 023, 83 10, 00 m Local 24, 018, 67	4, 130, 00 Total (12) 51, 700, 00	Romarks
Item No.	RCPC Standard Strength (32MPa), \$\$\phi152Qm Description Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication	m (60″ Unit m	Quantity	\$0, 8%	Mat. 69, 1%	nponent Equip. 20.1%	(%) For. 53. 5%	<u>t.ocal</u> 16. 5%	(PP)	<u>i</u> abor	Material	Angun Component (PP) Equipment	Unit: Nt Foreign	2, 023, 83 10, 00 m Local	4, 130.00 Total (P)	Remarks
Item No. W0319	RCPC Standard Strength (32MPa), \$\$\$4520m Description Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication \$\$1520 (60") Precast Concrete Pipe Laying \$\$1520	m (60″ Unit m	Quantity 10.00	\$0, 8%	Mat. 69, 1%	nponent Equip. 20.1%	(%) For. 53. 5%	<u>t.ocal</u> 16. 5%	(PP) 5, 170, 00	Labor 5, 589. 19 2, 502. 52 0, 00	Materia) 35,733.80 792.46 0.00	Amount           Component (PP)           Equipment           10, 377.01           fi, 045.02           0.00	Unit: <u>Foreign</u> 27, 681.93 3, 732.94 0.00	2, 023, 83 10, 00 m Local 24, 018, 07 5, 607, 86 0, 60	4, 130, 00 Total (12) 51, 700, 00	Romarka 0.0%
Item No. W0319	RCPC Standard Strength (32MPa), \$\$\phi152Om Description Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication \$\$1520 (60") Precast Concrete Pipe Laying \$\$1520 (60") Miscellaneous Total	m (60″ Unit m	Quantity 10,00	\$0, 8%	Mat. 69, 1%	nponent Equip. 20.1%	(%) For. 53. 5%	<u>t.ocal</u> 16. 5%	(PP) 5, 170, 00	Labor 5, 589. 19 2, 502. 52 0, 00 8, 091. 71	Materia) 35,733.80 792.46 0.00 36,526.26	Amour Component (PP) Equipment 16, 377, 01 6, 045, 02 0, 100 16, 422, 03	Unit: nt 27,681.93 3,732.94 0.00 31,414.87	2, 023, 83 10, 00 m Local 24, 018, 07 5, 607, 66 0, 00 29, 625, 13	4, 130, 00 Total (I?) 51, 700, 00 9, 340, 00 0, 00 61, 040, 00	
Item No. W0319	RCPC Standard Strength (32MPa), \$\$\phi152Om Description Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication \$\$1520 (60") Precast Concrete Pipe Laying \$\$1520 (60") Wiscellaneous Total Components (\$\$)	m (60″ Ilnit m LS	Quantity 10,00	\$0, 8%	Mat. 69, 1%	nponent Equip. 20.1%	(%) For. 53. 5%	<u>t.ocal</u> 16. 5%	(PP) 5, 170, 00	Labor 5, 589. 19 2, 502. 52 0, 00 8, 091. 71 13, 3%	Materia) 35, 733, 80 792, 46 0, 00 36, 526, 26 59, 8%	Amount           Component (PP)         Equipment           Equipment         10, 377.01           ñ, 045.02         0.00           16, 422.03         26.9%	Unit: <u>Foreign</u> 27,681.93 3,732.94 <u>0.60</u> 31,414.87 51.5%	2, 023, 83 10, 00 m Local 24, 018, 67 5, 607, 86 0, 00 29, 625, 13 48, 53	4, 130, 00 Total (14) 51, 700, 00 9, 340, 00 61, 040, 00 100, 08	
Item No. W0319	RCPC Standard Strength (32MPa), \$\$\phi152Om Description Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication \$\$1520 (60") Precast Concrete Pipe Laying \$\$1520 (60") Miscellaneous Total	m (60″ Unit m	Quantity 10,00	\$0, 8%	Mat. 69, 1%	nponent Equip. 20.1%	(%) For. 53. 5%	<u>t.ocal</u> 16. 5%	(PP) 5, 170, 00	Labor 5, 589. 19 2, 502. 52 0, 00 8, 091. 71	Materia) 35,733.80 792.46 0.00 36,526.26	Amour Component (PP) Equipment 16, 377, 01 6, 045, 02 0, 100 16, 422, 03	Unit: nt 27,681.93 3,732.94 0.00 31,414.87	2, 023, 83 10, 00 m Local 24, 018, 07 5, 607, 66 0, 00 29, 625, 13	4, 130, 00 Total (I?) 51, 700, 00 9, 340, 00 0, 00 61, 040, 00	
]tem No. ₩03(9 ₩034?	RCPC Standard Strength (32MPa), \$\$\phi152Om Description Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication \$\$1520 (60") Precast Concrete Pipe Laying \$\$1520 (60") Miscellaneous Total Components (%) Unit Rate	m (60″ Ilnit m un LS m	Quantity 10,00	\$0, 8%	Mat. 69, 1%	nponent Equip. 20.1%	(%) For. 53. 5%	<u>t.ocal</u> 16. 5%	(PP) 5, 170, 00	Labor 5, 589. 19 2, 502. 52 0, 00 8, 091. 71 13, 3%	Materia) 35, 733, 80 792, 46 0, 00 36, 526, 26 59, 8%	Amount           Component (PP)         Equipment           Equipment         10, 377.01           ñ, 045.02         0.00           16, 422.03         26.9%	Unit: nt 27,681.93 3,732.94 0.00 31,414.87 51.59 3,139,43	2, 023, 83 10, 00 m Local 24, 018, 67 5, 607, 06 0, 00 29, 625, 13 48, 5% 2, 960, 57	4, 130, 00 Total (P?) 51, 700, 00 9, 340, 00 0, 00 61, 040, 00 100, 0% 6, 100, 00	
W0319	RCPC Standard Strength (32MPa), \$\$\phi152Om Description Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication \$\$1520 (60") Precast Concrete Pipe Laying \$\$1520 (60") Wiscellaneous Total Components (\$\$)	m (60″ Ilnit m un LS m	Quantity 10,00	\$0, 8%	Mat. 69, 1%	mponent Equip. 20. 1% 64. 7%	(%) For. 53. 5% 40. 0%	Local 46. 5% 60, 0%	(PP) 5, 170, 00	Labor 5, 589. 19 2, 502. 52 0, 00 8, 091. 71 13, 3%	Materia) 35, 733, 80 792, 46 0, 00 36, 526, 26 59, 8%	Amoun           Component (PP)         Equipment           Equipment         10, 377.01           Fi, 045.02         0.00           16, 422.03         26, 9%           1, 641.13         1	Unit: nt. Foreign 27, 681.93 3, 732, 94 0.60 31, 414.87 51.5% 3, 139, 43 Unit:	2, 023, 83 10, 00 m Local 24, 018, 67 5, 607, 86 0, 00 29, 625, 13 48, 53	4, 130, 00 Total (P?) 51, 700, 00 9, 340, 00 0, 00 61, 040, 00 100, 0% 6, 100, 00	
Item No. ₩03(9 ₩034?	RCPC Standard Strength (32MPa), \$\$\phi152Om Description Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication \$\$1520 (60") Precast Concrete Pipe Laying \$\$1520 (60") Miscellaneous Total Components (%) Unit Rate	m (60″ Ilnit m un LS m	Quantity 10,00	10, 8% 26, 8%	Na1. 69.1% 8.5%	пропелі Епцір. 20. 1% 64. 7%	(%) For. 53. 5% 40. 0%	Local 46.5% 60.0%	(PP) 5, 170, 00 934, 00 Total	Labor 5, 589. 19 2, 502. 52 0, 00 8, 091. 71 13, 3% 608. 64	Materia) 35,733.80 792.46 0.00 36,526.26 59.8% 3,650.23	Amoun           Component (PP)           Equipment           16, 377, 01           6, 045, 02           0, 10           16, 422, 03           26, 9%           1, 641, 13           Amoun           Component (PP)	Unit: nt Poreign 27, 681.93 3, 732.94 0, 00 31, 414.87 51.59 3, 139, 43 Unit: nt	2, 023, 83 10, 00 m Local 24, 018, 67 5, 607, 06 0, 00 29, 625, 13 48, 5% 2, 960, 57 10, 00 m	4, 130, 00 Total (P?) 51, 700, 00 9, 340, 00 0, 00 61, 040, 00 100, 0% 6, 100, 00 n Total	0.0%
Item No. #03(9 %0347 	RCPC Standard Strength (32MPa), \$\$1520m Description Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication \$\$1520 (60") Precast Concrete Pipe Laying \$\$1520 (60") Wiscellaneous Total Components (%) Unit Rate RCPC Extra Strength (32MPa), \$\$460mm (1 Description Precast Reinforced Concrete Pipe (Extra	m (60"   nit m LS m 8")	Quantity 10.00 10.00 1.00	10, 8% 26, 8%	Mat. 69.1% 8.5%	Eponent Equip. 20, 1% 64, 7%	(%) For. 53. 5% 40. 0% 	60, 0%	(PP) 5, 170, 00 934, 00	Labor 5, 589. 19 2, 502. 52 0, 00 8, 091. 71 13, 3%	Materia) 35, 733, 80 792, 46 0, 00 36, 526, 26 59, 8%	Amoun           Component (PP)         Equipment           Equipment         19, 377, 01           fi, 045, 02         0, 00           16, 422, 03         26, 9%           1, 641, 13         1, 641, 13	Unit: nt. Foreign 27, 681.93 3, 732, 94 0.60 31, 414.87 51.5% 3, 139, 43 Unit:	2, 023, 83 10, 00 m Local 24, 018, 67 5, 607, 06 0, 00 29, 625, 13 48, 5% 2, 960, 57	4, 130, 00 Total ((*) 51, 700, 00 9, 340, 00 0, 00 61, 040, 00 100, 0% 6, 100, 00	0.0%
Item No. #0319 %fi347 500(1) c3 Item No. #0331	RCPC Standard Strength (32MPa), φ1520m         Description         Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication φ1520 (60°)         Precast Concrete Pipe Laying φ1520 (60°)         Miscellaneous         Total         Components (%)         Unit Rate         RCPC Extra Strength (32MPa), φ460mm (1 Description         Precast Reinforced Concrete Pipe (Extra Strength 32MPa), Tabrication φ460 (18°)	m (60" Ilnit m LS 8") Unit m	Quantity 10.00 10.00 1.00 Quantity 10.00	10, 8% 26, 8%	Mai. 69. 1% 8. 5% 	пропепі Едцір. 20. 1% 64. 7% 64. 7% пропепі Едцір. 20. 7%	(%) For. 53. 5% 40. 0% hit Rat. (%) For. 53. 6%	e Local Local 16. 5%	(PP) 5, 170, 00 934, 00 Total (PP) 744, 00	Labor 5, 589. 19 2, 502. 52 0, 00 8, 091. 71 13, 3% 608. 64 Labor 772. 80	Materia) 35,733.80 792.46 0.00 36,526.26 59.8% 3,650.23 Material 5,124.64	Amoun           Component (PP)           Equipment           16, 377.01           6, 045.02           0.00           16, 422.03           26.9%           1, 641.13           Component (PP)           Equipment           1, 542.56	Unit: nt Poreign 27, 681. 93 3, 732. 94 0.00 31, 414. 87 51. 5% 3, 139, 43 Unit: nt Foreign 3, 968. 84	2, 023, 83 10, 00 m Local 24, 018, 67 5, 607, 06 0, 00 29, 625, 13 48, 5% 2, 960, 57 10, 00 m Local 3, 451, 16	4, 130, 00 Total (PP) 51, 700, 00 9, 340, 00 0, 00 61, 040, 00 100, 0% 6, 100, 00 n Total (PP) 7, 440, 00	0.0%
Item No. ₩0319 ₩0347 <u>\$00(1)e3</u> Item No.	RCPC Standard Strength (32MPa), \$	m (60" Ilnit m LS 8") Ilnit m m	Quantity 10.00 10.00 	10, 8% 26, 8%	Mai. 69. 1% 8. 5% 	пропепі Едцір. 20. 1% 64. 7% прорені Едцір. 20. 7%	(%) For. 53. 5% 40. 0% 10. 0%	e Local Local 16. 5%	(PP) 5, 170, 00 934, 00 Total (PP)	Labor 5, 589. 19 2, 502. 52 0, 00 8, 091. 71 13, 3% 808. 64 Labor 772. 80 938. 50	Materia) 35,733.80 792.46 0.00 36,526.26 59.8% 3,650.23 Material 5,124.64 161,66	Amouno           Component (PP)           Equipment           10, 377, 01           6, 045, 02           0, 00           16, 422, 03           26, 9%           1, 641, 13           Amouno           Component. (IPT)           Equipment           1, 542, 56           899, 83	Unit: nt. 27, 681.93 3, 732.94 0.00 31, 414.87 51.5% 3, 139, 43 Unit: nt. Foreign 3, 988.84 578.77	2, 023, 83 10, 00 m Local 24, 018, 67 5, 667, 06 0, 60 29, 625, 13 48, 5% 2, 960, 57 10, 00 m Local 3, 451, 16 1, 421, 23	4, 130, 00 Tota I (14') 51, 700, 00 9, 340, 00 61, 040, 00 100, 0% 6, 100, 80 n Tota I (14') 7, 440, 00 2, 000, 00	0.0%
Item No. #0319 %fi347 500(1) c3 Item No. #0331	RCPC Standard Strength (32MPa), \$\$\$ 1520m         Description         Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication \$\$ 1520 (60")         Precast Concrete Pipe Laying \$\$ 1520 (60")         Wiscellaneous         Total         Components (%)         Unit Rate         RCPC Extra Strength (32MPa), \$\$ 460mm (1)         Description         Precast Reinforced Concrete Pipe (Extra Strength 32MPa), Tabelcation \$\$ 460 (18")         Precast Concrete Pipe Laying \$\$ 460 (18")         Wiscellaneous	m (60" Ilnit m LS 8") Unit m	Quantity 10.00 10.00 1.00 Quantity 10.00	10, 8% 26, 8%	Mai. 69. 1% 8. 5% 	пропепі Едцір. 20. 1% 64. 7% 64. 7% пропепі Едцір. 20. 7%	(%) For. 53. 5% 40. 0% hit Rat. (%) For. 53. 6%	e Local Local 16. 5%	(PP) 5, 170, 00 934, 00 Total (PP) 744, 00	Labor 5, 589. 19 2, 502. 52 0, 06 8, 091. 71 13, 3% 808. 64 Labor 772. 80 938. 50 0, 00	Material 15, 731, 80 792, 46 0, 00 36, 526, 26 59, 8% 3, 650, 23 Material 5, 124, 64 101, 66 0, 00	Amoun           Component (PP)           Equipment           1a, 377.01           ñ, 045.02           0.00           16, 422.03           26, 9%           1, 641.13           Amoun           Component. (PT)           Equipment           1, 542.56           899.83           0.80	Unit: nt Foreign 27, 681.93 3, 732.94 0.00 31, 414.87 51.5% 3, 139, 03 Unit: nt Foreign 3, 988.84 578.77 0.00	2, 023, 83 10, 00 m Local 24, 018, 67 5, 607, 66 0, 00 29, 625, 13 48, 5% 2, 960, 57 10, 00 m Local 3, 451, 16 1, 421, 23 0, 00	4, 130, 00 Total ((*) 51, 700, 00 9, 340, 00 61, 040, 00 100, 0% 6, 100, 00 7, 140, 00 2, 000, 00 0, 00	0.0%
Item No. W0319 W0347 500(1)e3 Item No. W0331	RCPC Standard Strength (32MPa), \$	m (60" Ilnit m LS 8") Ilnit m m	Quantity 10.00 10.00 	10, 8% 26, 8%	Mai. 69. 1% 8. 5% 	пропепі Едцір. 20. 1% 64. 7% 64. 7% пропепі Едцір. 20. 7%	(%) For. 53. 5% 40. 0% hit Rat. (%) For. 53. 6%	e Local Local 16. 5%	(PP) 5, 170, 00 934, 00 Total (PP) 744, 00	Labor 5, 589. 19 2, 502. 52 0, 00 8, 091. 71 13, 3% 808. 64 Labor 772. 80 938. 50	Materia) 35,733.80 792.46 0.00 36,526.26 59.8% 3,650.23 Material 5,124.64 161,66	Amouno           Component (PP)           Equipment           10, 377, 01           6, 045, 02           0, 00           16, 422, 03           26, 9%           1, 641, 13           Amouno           Component. (IPT)           Equipment           1, 542, 56           899, 83	Unit: nt. 27, 681.93 3, 732.94 0.00 31, 414.87 51.5% 3, 139, 43 Unit: nt. Foreign 3, 988.84 578.77	2, 023, 83 10, 00 m Local 24, 018, 67 5, 607, 06 0, 00 29, 625, 13 48, 5% 2, 960, 57 10, 00 m Local 3, 451, 16 1, 421, 23 0, 00 4, 872, 40	4, 130, 00 Tota I (14') 51, 700, 00 9, 340, 00 61, 040, 00 100, 0% 6, 100, 80 n Tota I (14') 7, 440, 00 2, 000, 00	Kemarks

500(1)c4	RCPC Extra Strength (32MPa), \$610mm (2	<u>4^)</u>											Unit:	10.00 m		
							n <u>it Rate</u>	·			·	Ámoui	<u>11</u>			<b>n</b>
Item No.	Duscription	Unit	Quantity	Lab.	Nat.	ponent Equip	( <u>%)</u> For.	Local	Total (PP)	lahor l	Material	Component (PP) Equipment	Foreign	Local	Total (PP)	Remarks
¥0332	Precast Reinforced Concrete Pipo (Extra Strength 32MPa), fabrication \$610 (24")	m	10,00	10.2%	68.8%	20, 9%	53, 6%	46, 4%	1, 100. 00	1, 125. 50	7, 572, 79	2, 301. 79	5, 900. 78	5, 099. 22	11, 000, 00	
W0342	Precast Concrete Pipe Laving \$610 (24")		10,00	45.6%	8.2%	46. 2%	29, 7%	70, 3%	244.00	1, 113, 80	200. 86	1, 127, 34	724. 50	1, 715. 50	2, 440, 00 0, 00	a 00
	Niscellancous	1.5	1.00							0,00	0.00	0,00	<u>0.00</u> 6, 625, 28	<u> </u>	13, 440, 90	0.0%
	Commonents (%)									2, 237. 30	<u>7, 773, 66</u> 57, 8%	3, 429, 04 25, 5%	<u> </u>	50.7%	100.0%	
										223.06	175,05	341, 88	660.56	679.44	1, 340, 00	
	linít Kate	. 19		1						223. 061	(15, 05)	341.881	050.201	079.41	1, 340, 00	
500 ( <u>1) c5</u>	RCPC_Extra Strength (32MPa), \$\$760mm (3	ю <u>")</u>					nit Rate						Unit:	<u>10.08 m</u>		
[tem No.	Demociation	Unit	Burnet Cha					· · · · ·	7.4.1	· · · · · · · · · · · · · · · · · · ·		Amoui Commence (BD)	ni			D
Lem No.	Description	Unit	Quantily	Lah.	Mat.	Equip.	For.	Local	Total (PP)	Labor	Material	<u>Component (PP)</u> Equipment	Foreign	iocal	Total (PP)	Remarks
W0333	Precest Reinforced Concrete Pipe (Extra		10.00	10, 3%	68.9%	20.8%	53.6%	46. 4%	1,640,00	1, 695, 21	11, 300, 33	3, 104, 16	8, 794. 76	7, 605, 24	16, 100, 00	
W0343	Strength 32MPa), fabrication $\phi$ 760 (30") Precast Concrete Pine Laying $\phi$ 760 (30")	_	10, 00	46, 9%	8,1%	45. 0%	29.0%	71.0%	301.00	1, 410. 77	243, 48	1, 355. 75	871.98	2, 138. 02	3, 010, 00	
	Miscellaneous	1.S	1.00							0, 00	Ö. 00	<u>u, oo</u>	0,00	0.00	0.00	0.0%
	Total	┢──┤	· · . · · · ·							3, 105. 98	11, 543, 81	4, 760, 21	9,666.71	9, 743, 26	19. 410. 00	
	Components (%)	<b>I</b>				-				16.0%	59.5%	24. 5%	49.8%	50. 2%	100, 0%	
	Unit Rate	) m								310.44	}, 153. 79	475, 78	966.18	973, 82	1, 940, 00	
500 ( <u>1) cfi</u>	RCPC_Extra Strength (32MPa), \$910mm (3	67)											Un <u>it</u>	10.00 m		
							nit Rate					Amou	nt	······································		
item No.	Description	Unit	Quantity			npotien t		·	Tota			Component (PP)			Total	Remarks
	Precast Reinforced Concrete Pipe (Extra	┨───┤		Lab.	Mat.	Équip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	( <u>PP</u> )	
₩0334	Strength), fabrication $\phi$ 910 (36")	- m	10,00	10.8%	68.8%	20, 4%	53. 5%	46, 5%	2, 620. 00	2, 832, 42	18,015,72	5, 351, 86	14, 025. 49	12, 174, 51,	26, 200, 00	
₩0344	Precast Concrete Pipe Laving $\phi$ 910 (36")	8	10,00	31.0%	8, 6%	- 60. 4%	37.7%	62.3%	513,00	1, 588, 17	443.06	3, 098, 77	1, 933, 29	3, 196, 71	5, 130, 00	
	Miscellaneous	LS	<u>l</u> , 00					f	·	0,00	0.00	0,08	0.00	0,00	0.00	0.0%
	Total	4								4, 420. 59	18, 458. 78	8, 450, 63	15, 958, 78	15, 371.22	31, 330, 00	
	Components (%)	┥──┥								14. 1%	58, 9%	27.0%	50.9%	49.1%	100.0%	
•	Unit_Rate				~					441.64	1,844.11	844.25	1, 594, 35	1, 535, 65	3, 130, 00	
500(1)c7	RCPC Extra Strength (32MPa), \$\$\phi1070mm\$	(42")									~		<u> </u>	10.00 m		
Item No.	Barra ta t	n	0			unonent	nit Rate					<u>Amou</u>	nt			
FCCR NO,	Description	∛nit	Quantity							· · · · · · · · · · · · · · · · · · ·						Remarks
				1.0.6				1 2 2 2 1	Total		Material T	Component (PP)	12		Totat	
	Precast Reinforced Concrete Pipe (Extra	1		Lab.		Equip.		Local	(PP)	Labor	Material	<u>Component (PP)</u> Equipment	Foreign	Local	Total (PF)	
¥0335	Strength 32MPa), Fabrication $\phi$ 1070	m	10, 80	Lab. 11.2%			for.	Locя1 46, 5%		Labor 1, 411, 67	Material 27, 187. 12		<u>Foreign</u> 21, 066. 45	Local 18, 333, 55		
¥0335 ¥0345	Strength 32MPa), Fabrication @1070 (42°) Precast Concrete Pipe Laying @1070	m	10, 00	11.2%	Mat.	Equip.	<u>for.</u> 53, 5%	46, 5%	(PP) 3, 910. 00	1, 41L, 67	27, 187. 12	Equipment 7,801,21	21, 066. 45	18, 333, 55	(PF) 39, 400. 00	
	Strength 32MPa), fabrication $\phi$ 1070 (42.)		FO: 00		Mat. 69.0%	Equip. 19.8%	for. 53, 5%		<u>(PP)</u>	1, 411, 67 1, 853, 99		Equipment 7, 801, 21 3, 538, 93	21, 066. 45 2, 208, 29	18, 333, 55 3, 691, 71	(PF) 39, 400. 00 5, 900. 00	
	Strength 32MPn), Febrication φ1070 (42 <sup>*</sup> ) Precast Concrete Pipe Laying φ1070 (42 <sup>*</sup> )	n		11.2%	Mat. 69.0%	Equip. 19.8%	for. 53, 5%	46, 5%	(PP) 3, 910. 00	4, 411, 67 1, 853, 99 0, 00	27, 187. 12 507, 08 0, 00	Equipment 7,801,21 3,538.93 0,00	21, 066. 45 2, 208, 29 0, 00	18, 333, 55 3, 691, 71 0, 00	(PF) 39, 400, 00 5, 900, 00 0, 00	0.0%
	Strength 32MPn), Febrication φ1070 (42 <sup>*</sup> ) Precast Concrete Pipe Laying φ1070 (42 <sup>*</sup> ) Miscellancous	n	FO: 00	11.2%	Mat. 69.0%	Equip. 19.8%	for. 53, 5%	46, 5%	(PP) 3, 910. 00	1, 411, 67 1, 853, 99	27, 187. 12 507, 08	Equipment 7, 801, 21 3, 538, 93	21, 066. 45 2, 208, 29	18, 333, 55 3, 691, 71	(PF) 39, 400. 00 5, 900. 00	
	Strength 32MPa), Fabrication ¢1070 (42 <sup>*</sup> ) Precast Concrete Pipe Laying ¢1070 (42 <sup>*</sup> ) Miscellaneous Tota]	n	FO: 00	11.2%	Mat. 69.0%	Equip. 19.8%	for. 53, 5%	46, 5%	(PP) 3, 910. 00	1, 411, 67 1, 853, 99 <u>0, 00</u> 6, 265, 66	27, 187, 12 507, 08 <u>0, 00</u> 27, 694, 20	Equipment 7, 801, 21 3, 538, 93 0, 00 11, 340, 14	21, 066, 45 2, 208, 29 0, 00 23, 274, 74	18, 333, 55 3, 691, 71 <u>0, 00</u> 22, 025, 26	(PF) 39, 400, 00 5, 900, 00 <u>0, 00</u> 45, 300, 00	
¥0345	Strength 32MPn), Febrication φ1070 (42 <sup>*</sup> ) Preesst Concrete Pipe Laying φ1070 (42 <sup>**</sup> ) Miscellancous Total Components (%)	m LS m	FO: 00	11.2%	Mat. 69.0%	Equip. 19.8%	for. 53, 5%	46, 5%	(PP) 3, 910. 00	1, 411, 67 1, 853, 99 0, 00 6, 265, 66 13, 8%	27, 187, 12 507, 08 <u>0, 00</u> 27, 694, 20 61, 1%	Equipment 7, 801, 21 3, 538, 93 0, 00 11, 340, 14 25, 0%	21, 066. 45 2, 208. 29 0, 00 23, 274. 74 51, 4%	18, 333, 55 3, 691, 71 0, 00 22, 025, 26 48, 63	(PP) 39, 400, 00 5, 900, 00 0, 00 45, 300, 00 100, 0% 4, 530, 00	
W0345	Strength 32MPn), Febrication φ1070 (42') Preeast Concrete Pipe Laying φ1070 (42'') <u>Miscellaneous</u> <u>Components (%)</u> Unit Rate <u>RCPC Extra Strength (32MPa), φ1220ma</u>	m LS m (48″)	10.00	11.2%	Met. 69.0% 8.6%	Equip. 19.8% 60.0%	for. 53, 5% 37, 4%	46, 5% 62, 6%	(PP) 3, 910. 00 590. 00	1, 411, 67 1, 853, 99 0, 00 6, 265, 66 13, 8%	27, 187, 12 507, 08 <u>0, 00</u> 27, 694, 20 61, 1%	Equipment 7, 801, 21 3, 538, 93 0, 00 11, 340, 14 25, 0% 1, 134, 01	21, 056, 45 2, 208, 29 0, 00 23, 274, 74 51, 4% 2, 327, 47 Unj t.	18, 333, 55 3, 691, 71 0, 00 22, 025, 26 48, 63 2, 202, 53	(PP) 39, 400, 00 5, 900, 00 0, 00 45, 300, 00 100, 0% 4, 530, 00	0.0%
¥0345	Strength 32MPa), Febrication (1070 (12 <sup>*</sup> ) Precast Concrete Pipe Laying (1078) (42 <sup>**</sup> ) Miscellaneous Tota Components (%) Unit Rate	m LS m	FO: 00	11, 2% 31, 4%	Mat. 69.0% 8.6%	Equip. 19.8% 60.0%	for. 53, 5% 37, 4%	46, 5%	(PP) 3, 940. 00 590. 00 Total	1, 411, 67 1, 853, 99 0, 00 6, 265, 66 13, 3% 626, 57	27, 187, 12 507, 08 0, 00 27, 694, 20 61, 1% 2, 769, 42	Equipment 7, 801, 21 3, 538, 93 0, 00 11, 340, 14 25, 0% 1, 134, 01 <u>Amou</u> Corpoonent, (PP)	21, 055. 45 2, 208. 29 0, 00 23, 274, 74 51, 4% 2, 327, 47 Unjt: nt	18, 333, 55 3, 691, 71 0, 00 22, 025, 26 48, 6% 2, 202, 53 10, 00 m	(PP) 39, 400, 00 5, 900, 00 <u>9, 00</u> 45, 300, 00 <u>100, 0%</u> 4, 530, 00 Total	
W0345	Strength 32MPa), Fabrication ¢1070 (42') Preeast Concrete Pipe Laying ¢1074 (42'') Miscellancous Tota} Components (%) Unit Rate RCPC Extra Strength (32MPa), ¢1220mm Description	m LS m (48″)	10.00	11.2%	Mat. 69.0% 8.6%	Equip. 19.8% 60.0%	for. 53, 5% 37, 4%	46, 5%	(PP) 3, 910. 00 590. 00	1, 411, 67 1, 853, 99 0, 00 6, 265, 66 13, 8%	27, 187, 12 507, 08 <u>0, 00</u> 27, 694, 20 61, 1%	Equipment 7, 801, 21 3, 538, 93 0, 00 11, 340, 14 25, 0% 1, 134, 01	21, 056, 45 2, 208, 29 0, 00 23, 274, 74 51, 4% 2, 327, 47 Unj t.	18, 333, 55 3, 691, 71 0, 00 22, 025, 26 48, 63 2, 202, 53	(PP) 39, 400, 00 5, 900, 00 0, 00 45, 300, 00 100, 0% 4, 530, 00	0.0%
W0345	Strength 32MPa), Fabrication ¢ 1070 (42") Precast Concrete Pipe Laying ¢ 1078 (42") Miscellaneous Tota) Components (%) Unit Rate RCPC Extra Strength (32MPa), ¢ 1220mm Description Precast Reinforced Concrete Pipe (Extra Strength 32MPa), fabrication ¢ 1220	m LS m (48″)	10.00	11. 2% 31. 4%	Mat. 69.0% 8.6%	Equip. 19.8% 60.0%	for. 53, 5% 37, 4%	46, 5% 62, 6%	(PP) 3, 940. 00 590. 00 Total	1, 411, 67 1, 853, 99 0, 00 6, 265, 66 13, 3% 626, 57	27, 187, 12 507, 08 0, 00 27, 694, 20 61, 1% 2, 769, 42	Equipment 7, 801, 21 3, 538, 93 0, 00 11, 340, 14 25, 0% 1, 134, 01 <u>Amou</u> Corpoonent, (PP)	21, 055. 45 2, 208. 29 0, 00 23, 274, 74 51, 4% 2, 327, 47 Unjt: nt	18, 333, 55 3, 691, 71 0, 00 22, 025, 26 48, 6% 2, 202, 53 10, 00 m	(PP) 39, 400, 00 5, 900, 00 <u>9, 00</u> 45, 300, 00 <u>100, 0%</u> 4, 530, 00 Total	0.0%
W0345 500(1)c8 ] Iem No. W0336	Strength 32MPa), Fabrication φ1070 (12 <sup>*</sup> ) Preast Concrete Pipe Laying φ1078 (42 <sup>**</sup> ) <u>Miscellaneous</u> <u>Total</u> <u>Components (%)</u> <u>Unit Rate</u> <u>RCPC Extra Strength (32MPa), φ1220ma</u> <u>Description</u> Precast Reinforced Concrete Pipe (Extra Strength 32MPa), fabrication φ1220 (18 <sup>**</sup> ) Preast Concrete Pipe Laying φ1220	m LS (48″) Unit m	10,00 1,09 Quantity 10,00	11, 2% 31, 4%	Mat. 69.0% 8.6% 	Equip. 19. 8% 60. 0% ponent Equip. 20. 5%	for. 53, 5% 37, 4% nit Rate (%) For. 53, 5%	46, 5% 62, 6% 	(PP) 3, 910. 00 590. 00 Total (PP) 4, 290. 00	1, 411, 67 1, 853, 99 0, 00 6, 265, 66 13, 3% 626, 57 Lahor 1, 622, 48	27, 187. 12 507. 08 0, 00 27, 694, 20 61. 1% 2, 769, 42 Naterial 29, 496. 12	Equipment 7, 801, 21 3, 538, 93 0, 00 11, 340, 14 25, 0% 1, 134, 01 Component (PP) Equipment 8, 781, 40	21,055.45 2,208.29 0,00 23,274,74 51,4% 2,327,47 Unit: nL Foreign 22,968.47	18, 333, 55 3, 691, 71 0, 00 22, 025, 26 48, 6% 2, 202, 53 10, 00 m Local 19, 931, 53	(PP) 39, 400, 00 5, 900, 00 <u>0, 00</u> 45, 300, 00 100, 0% <u>4</u> , 530, 00 Total (P) 42, 900, 09	0.0%
₩0345 500(1) <u>c8</u> ]tem No.	Strength 32MPa), Fabrication $\phi$ 1070 (42 <sup>*</sup> ) Preast Concrete Pipe Laying $\phi$ 1078 (42 <sup>*</sup> ) <u>Miscellaneous</u> <u>Tota</u> <u>Components (%)</u> <u>Unit Rate</u> <u>RCPC Extra Strength (32MPa), <math>\phi</math> 1220mm <u>Description</u> Precast Reinforced Concrete Pipe (Extra Strength 32MPa), fabrication <math>\phi</math> 1220 (48<sup>*</sup>) Precast Concrete Pipe Laying <math>\phi</math> 1220 (48<sup>*</sup>)</u>	m LS (48") Unit m	10,00 1,00 Quantity 10,00 10,00	11, 2% 31, 4%	Mat. 69.0% 8.6% 	Equip. 19. 8% 60. 0% ponent Equip. 20. 5%	for. 53, 5% 37, 4% nit Rate (%) For. 53, 5%	46, 5% 62, 6% 	(PP) 3, 940. 00 590. 00 Total (PP)	1, 411, 67 1, 853, 99 0, 00 6, 265, 66 13, 38 626, 57 Labor 1, 622, 48 2, 059, 03	27, 187. 12 507. 08 0, 00 27, 694. 20 61. 1% 2, 769. 42 Naterial 29, 496. 12 569. 74	Equipment 7, 801, 21 3, 538, 93 0, 00 11, 340, 14 25, 0% 1, 134, 01 Component (PP) Equipment 8, 781, 40 3, 981, 23	21, 055. 45 2, 208. 29 0, 00 23, 274, 74 51, 4% 2, 327, 47 Unjt: nL Foreign 22, 96B. 47 2, 494. 03	18, 333, 55 3, 691, 71 0, 00 22, 025, 26 48, 6% 2, 202, 53 10, 00 m Local 19, 931, 53 4, 125, 97	(PP) 39, 400, 00 5, 900, 00 <u>0, 00</u> 45, 300, 00 100, 0% 4, 530, 00 Total (P <sup>2</sup> ) 42, 900, 09 6, 610, 00	0. 0%
W0345 500 (1) c8 1 Lem No. W0336	Strength 32MPa), Fabrication φ1070 (42') Process Concrete Pipe Laying φ1078 (42'') Miscellancous Total Components (%) Unit Rate RCPC Extra Strength (32MPa), φ1220mm Description Process Reinforced Concrete Pipe (Extra Strength 32MPa), fabrication φ1220 (48'') Precess Concrete Pipe Laying φ1220 (48'')	m LS (48″) Unit m	10,00 1,09 Quantity 10,00	11, 2% 31, 4%	Mat. 69.0% 8.6% 	Equip. 19. 8% 60. 0% ponent Equip. 20. 5%	for. 53, 5% 37, 4% nit Rate (%) For. 53, 5%	46, 5% 62, 6% 	(PP) 3, 910. 00 590. 00 Total (PP) 4, 290. 00	1, 411, 67 1, 853, 99 0, 00 6, 265, 66 13, 38 626, 57 Labor 1, 622, 48 2, 059, 03 0, 00	27, 187, 12 507, 08 0, 00 27, 694, 20 61, 18 2, 769, 42 Naterial 29, 496, 12 569, 74 0, 00	Equipment 7, 801, 21 3, 538, 93 0, 00 11, 340, 14 25, 0% 1, 134, 01 Corponent (PP) Equipment 8, 791, 40 3, 981, 23 0, 00	21,066.45 2,208,29 0,00 23,274,74 51,474 2,327,47 Unit: nt Foreign 22,968.47 2,484.03 0.00	18, 333, 55 3, 691, 71 0, 00 22, 025, 26 48, 63 2, 202, 53 10, 00 m Local 19, 931, 53 4, 125, 97 0, 00	(PP) 39, 400, 00 5, 900, 00 0, 00 45, 300, 00 100, 0% 4, 530, 00 Total (PP) 42, 900, 09 6, 610, 00 0, 00	0.0%
W0345 500(1)c8 ] Iem No. W0336	Strength 32MPa), Fabrication $\phi$ 1070 (42 <sup>*</sup> ) Preast Concrete Pipe Laying $\phi$ 1078 (42 <sup>*</sup> ) <u>Miscellaneous</u> <u>Tota</u> <u>Components (%)</u> <u>Unit Rate</u> <u>RCPC Extra Strength (32MPa), <math>\phi</math> 1220mm <u>Description</u> Precast Reinforced Concrete Pipe (Extra Strength 32MPa), fabrication <math>\phi</math> 1220 (48<sup>*</sup>) Precast Concrete Pipe Laying <math>\phi</math> 1220 (48<sup>*</sup>)</u>	m LS (48") Unit m	10,00 1,00 Quantity 10,00 10,00	11, 2% 31, 4%	Mat. 69.0% 8.6% 	Equip. 19. 8% 60. 0% ponent Equip. 20. 5%	for. 53, 5% 37, 4% nit Rate (%) For. 53, 5%	46, 5% 62, 6% 	(PP) 3, 910. 00 590. 00 Total (PP) 4, 290. 00	1, 411, 67 1, 853, 99 0, 00 6, 265, 66 13, 38 626, 57 Labor 1, 622, 48 2, 059, 03	27, 187. 12 507. 08 0, 00 27, 694. 20 61. 1% 2, 769. 42 Naterial 29, 496. 12 569. 74	Equipment 7, 801, 21 3, 538, 93 0, 00 11, 340, 14 25, 0% 1, 134, 01 Component (PP) Equipment 8, 781, 40 3, 981, 23	21, 055. 45 2, 208. 29 0, 00 23, 274, 74 51, 4% 2, 327, 47 Unjt: nL Foreign 22, 96B. 47 2, 494. 03	18, 333, 55 3, 691, 71 0, 00 22, 025, 26 48, 6% 2, 202, 53 10, 00 m Local 19, 931, 53 4, 125, 97	(PP) 39, 400, 00 5, 900, 00 <u>0, 00</u> 45, 300, 00 100, 0% 4, 530, 00 Total (P <sup>2</sup> ) 42, 900, 09 6, 610, 00	0. 0%

500(1)c9	<u>RCPC Extra Strength (32MPa), ¢1520mm (</u>	60°)											Unit:	10.00	n	
						i.	nit Rate	,				Amou	mt			
Item No.	Description	Unit	Quantily		Cor	nponent	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	l.oca1	(197)	
	Precast Reinforced Concrete Pipe (Extra	1														
W0337	Strength 32MPa), fabrication #1520	m	10,00	11,2%	68, 8%	20, 0%	53, 5X	46.5%	7, 450, 00	8, 326. 82	61,291.54	14, 881, 64	39, 833, 39	34, 666, 61	74, 500, 00	
	(60")					1										
W0347	Precast Concrete Pipe Laying @ 1520	m	10.08	26.8%	8, 5%	64, 7%	40.0%	60, 0%	934, 00	2,502,52	792, 46	6, 045, 02	3, 732, 94	5, 607, 86	9, 340, 00	
1	(60")											ا بر ا				
	Niscellaneous	LS	1, 00							0,00	0,00		0.00	0, 00	0,00	0.0%
	Total									10, 829, 34	52, 084. 00	20, 926. 66	43, 566, 33	40, 273, 67	83, 840, 00	
	Components (%)									12.9%	62, 1%		52.0%	48.0%	00.0%	
	Unit Rate	m								1, 082. 42	5, 205. 92	2, 091, 67	4, 354. 55	4, 025, 45	8, 380.00	

#### 502(2)al Drop Inlet Manhole for RCPC 1-6460 x 1-6460

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2) al	<u>Drop_Inlet Manhale for RCPC 1-\$460 x 1</u>	<u> 100</u>					nit Kate					ámou	<u>Unit:</u>	1.00 1	<u></u>	
Itom No.	Description	Unit	Quantity	•	Cor	ponent l		I	Total			Component (PP)			Total	Remarks
				Lab.		Equip.		Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0161	Gravel Foundation Fill	nt.]	0, 00]	24.8%	13. 1%	62.1%	39.0%	61.0%	390.00	0, 00	0,00	0.00	0, 00	0.00	0.00	
W02D1	Lean Concrete (17MPa, max agg.38mm)	m3)	0.00	2.6%	80.9%	16.6%	56.6%)	43.4%	1, 450. 00	0.00	8, 00	0.08	0, 00	0, 00	0,00	Loss
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0. 00	18. 8%	0.2%	81.0%	43. 4%	56.6%	213, 00	0. 00	8, 00	0, 08	0, 00	0, 00	0, 00	
W0236	Concrete Curing (plain concrete)	m3	0, 00	70.9%		20. 1%	16.0%	84.0%	8, 85	0.00	B, 00	Q, (ID	0.00	0, 00	0, 00	
W0243	Formwork (lean concrete)	m2 [	0.00	41.3%	58.0%	0.8%	3, 8%	96, 2%	152.00	0, 00	6.00	0.00	0.00	0.00	0.00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3 .	0, 84	2.4%	82.3%	15.3%	56.9%	43.1%	1, 570. 00	31. 22	1, 085, 90	201.68	750, 35	568, 45	1, 318, 80	Loss
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0. 82	15.5%	0. 2%	84. 3%	45. 2%	54, 8%	257, 00	32. 74	0, 41	177. 59	95, 17	115, 57	210. 74	
¥0237	Concrete Curing (reinforced concrete)	m3	0.82	74, 6%	7,6%	17.8%	14.0%	86. IX	4.21	2. 57	0, 26	0.61	0, 48	2.97	3.45	
W0241	Formwork (reinforced concrete H<4m)	m2	7.83	59.3%	39.9%	0,8%	2.9%	97.1%	224.00	1,039.83	700. 33	13.76	51.18	1, 702, 74	1, 753. 92	
W0751	Concrete Hollow Block (150x200x400mm), [furpish & Laying including mortar fill	each	31.00	48. 2%	50, 0%	1, 8%	19, 0%	81.0%	39, 00	583. 24	604. 29	21.48	229. 24	979, 76	1, 209, 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	43. 79	15. 2%	77, 0%	7.8%	54.0%	46. 0%	23, 30	154, 95	785, 69	79.66	550, 92	469.39	1, 020, 31	
W0701	Precast Concrete Cover (580x480x70), Turnish	each	1.00	1.3%	91.2%	7.6%	63. 0%	37.0%	116.00	1. 15	1315, 74	8, 81	73.86	42. 94	116, 00	
W0702	Precast Concrete Cover (580x480x70), installation	each	t, 00	89, 3%	1.1%	9, 6%	5.4%	94.6%	10. 30	9, 20	0, 11	0, 99	0, 55	9, 75	10, 30	
W0711	From Step for Drop Injet Manholes, furnish & installation	each	6, 00	8, 0%	86, 1%	5, 9%	63, 0%	37.0%	58.40	27.87	301, 77	20, 76	220. 58	129, 82	350, 40	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	2, 65	38, 3%	55, 0%	6,7%	39, 0%	61.0%	30, 30	30. 75	44. 20	5, 35	31, 32	48. 98	80, 30	
	Miscellaneous	15	1,00							0.00	0.00	0,00	0.00	0, 00	0,00	0.0%
	Total									1, 913, 82	3, 628, 71	530.70	2, 002. 85	4, 070. 37	6,073.22	
	Components (%)									31.5%	59.7%	8.7%	33, 0%	67.0%	100.0%	
	Unit Rate	each								1, 912. 80	3, 626, 78	530, 41	2,001.79	1, 068, 21	6, 070, 00	

<u>2(2)a2</u>	Drop Inlet Manhole for RCPC 1-\$610 x 1	- <u>\$460</u>											Unit:	1.00	each	
	D	Unit	D		<u></u>		nil Rate	, 1	Total			Component (PP)	<u>nt</u>		Total	Remarks
item No.	Description	UNIT	Quantity	Lab.		Equip.		Local	(PP)	Lalior	Material	Lguipment	Foreign	Local	(PP)	Remarks
¥0161	Gravel Foundation Fill	m3	0, 00	24.8%	13.1%				390, 00	0.00	0,00	0,00	0, 00	0.00	0.00	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3 .	0.00	2.6%	80.9%	16, 6%	56.6%	43.4%	1, 450, 00	D, QQ	0.00	0,00	Ŭ. OU	0.00	0.00	Loss
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00			81.0%		1 3	213.00	U. 00	0.00	0. 00	H, 00	0.00	0, 00	
W0236	Concrete Curing (plain concrete)	n3	0.00			20.4%			8, 85	0,00	0, DO	0.00	8,00	0, 00	0, 00	
#0243	Formwork (lean concrete)	n2	0,00			0,8%			152.00	0,00	0.00	8.00	0.00	0, 00	0, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	1. 02	2.4%	82, 3%	15. 3%	56, 9%	43.1%	1,570.00	37, 91	4, 318, 60	244. 90	911, 14	690, 26	1,601,40	Loss
#0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	L. 00		0.2%	84.3%	45.2%		257.00	39, 93	0, 50	216, 57	116.06	140. 94	257,00	
W0237	Concrete Curing (reinforced concrete)	m J	1.00		7.6%	17.8%		86.0%	4.21	3.14	0, 32	0.75	0.59	3, 62	4.21	
W0241	Formwork (reinforced concrete H<4m)	m2	9.45	59, 3%	39.9%	O, 8%	2.9%	97.1%	224, 110	1, 254. 97	845.23	16, 60	61.77	2, 055, 03	2, 116, 80	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each	34.00	48, 2%	50.0%	1.8%	19. 0%	81.0%	39. 00	639. 68	662.76	23, 55	251. 43	1, 074, 57	1, 326, 00	
₩0251	Reinforcement Grade 40, cutting, bending & assembly	kg	53, 17	15, 2%	77.0%	7.8%	54.0%	46. 0%	23, 30	188. 14	953, 99	96, 73	668, 92	569, 94	1, 238, 86	
W0701	Precast Concrete Cover (580x480x70), furnish	each	1.00	1.3%	SI 2%	7.6%	63.0%	37.0%	116.08	1, 45	105, 74	8.81	73.06	42, 94	116.00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1,00	89. 3%	1, 15	9, 6%	5.4%	94, 6%	10, 30	9, 20	0, 11	0. 99	H. 55	9. 75	10, 30	
W0711	lron Step for Drop Inlet Manholcs, furnish & installation	ench	6, 00	8.0%	86.1%	5, 9%	63.0%	37, 0%	58, 40	27. 87	301, 77	20, 76	220, 58	129.82	350, 40	
W0716	Stoel Grate for Machole Inlet, furnish &	kg	2, 65	38, 3%	55.0%	6, 7%	39,0%	61.0%	30. 30	30. 75	44. 20	5, 35	31, 32	48.98	80, 30	
	Miscellancous	LS	<u>L.0</u> 0					Į		0.00	0.00	0,00	0, 00	0.00	0, 00	0.0%
	Total									2, 233, 03	4, 233, 22		2, 335, 41		7, 101, 27	
	Components (%)									31.4%	59.6%		32.9%	67.1%	100.0%	
	Unit Raio	each							[	2, 232, 63	4, 232, 46	634.90	2, 335, 00	4, 765. 00	7, 100, 00	

502(2)a3	Drop Inlet Manhole for RCPC 1- # 760 x 1	- <del>¢ 460</del>											Unit:	<u> </u>	each	
			ļ				nit Rate	•		<u> </u>			un L			
ltem No.	Description	Unit	Quantily			ponent (			Total			Component (PP)			Total	Remarks
	+			<u>1.ah.</u>				[.oca]	(99)	Labor	Material	Equipment	Foreign	Local	<u>(Pf)</u>	
W0161	Gravel Foundation Fill	m3	0, 00	24, 8%			39.0%		390, 00	0, 00	0.00		0.00	0.00	0,00	
WO201	Lean Concrete (17MPa, max agg. 38mm)	m3	0.00	2,6%	80, 9%	16.6%	56.6%	43.4%	1, 450. 00	0.00	U. 00	0, 0(1	0.00	0,00	0, 00	Loss 2.0
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00	18.8%	0.2%	R1.0%	43.4%	56, 6 <b>%</b>	213.00	0. 00	0, 00	0. 00	0.00	0,00	0.00	
W0236	Concrete Curing (plain concrete)	m3	0.00	70.9%	8.7%	20, 4%	16.0%	84, 0%	8, 85,	0.00	0, 00	0,00	0.00	0,00	0, 00	
W0243	Formwork (lean concrete)	m2	0, 00	41.3%	58.0%	0, 8%	3.8%	96.2%	152.00]	U, OO	0.00	0, 00	0, 00	0.00	0,00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	mЗ	1.28	2.4%	82.3%	15.3%	56.9%	43.1%	1, 570, 00	47, 57	1, 654, 71	307.32	1, 143, 39	866, 21	2,009.60	Lass 2, (
W1232	Concrete Pouring by Pump Vehicle (reinforced concrete)	mЗ	1, 25	15.5%	0, 2%	84, 3%	45. 2%	54.8%	257, 00	49, 91	0.63	270, 71	145, 08	176, 17	321, 25	
W0237	Concrete Curing (reinforced concrete)	m3 ]	1. 25	74.6%	7.6%	17.8%	14.0%	86.0%	4.21	3, 93	0.40	0, 93	0,73	4, 53	5, 26	
¥0241	Formwork (reinforced concrete N<4m)	m2	12.14	59.3%	39, 9%	0, 8%	2.9%	97.1%	224.00]	1, 612, 20	1, 085, 93	21.33	79, 35	2, 640, 01	2, 719, 36	
¥0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fi)]	each	36.00	48. 2%	50, 0%	1.8%	19.0%	61.0%	39, 00	677. 31	701.75	24. 94	266, 22	3, 137, 78	L, 404. 00	
¥0251	Reinforcement Grade 40, cutting, bending & assembly	ĸк	60.51	15, 2%	77.0%	7.8%	54.0%	46.0%	23, 30	214. 12	1,085.68	110.08	761.26	648, 62	1, 409, 88	
¥0701	Precast Concrete Cover (580x480x70), furnish	each	1,00	1.3%	91, 2%	7.6%	63. 0%	37.0%	(16.00	1.45	105. 74	8, 81	73.06	42, 94	116.00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1,00	89. 3%	1, 1%	9,6%	5.4%	94, 6%	10, 30	9. 20	0, 11	0, 99	0.55	9, 75	10, 30	
W0711	lron Step for Drop Inlet Manholes, furnish & installation	each	7.00	B, 0%	86, 1%	5.9%	63.0%	37, 0%	58.40	32. 51	352, 06	24. 23	257.34	151.46	408, 80	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	2.65	38, 3%	55, 0%	6.7%	39.0%	61.0%	30. 30	30. 75	44. 20	5. 35	31. 32	48. 98	80, 30	
	Miscellaneous	LS	1.00						]	0.00	0.00	0,08	0.00	0.00	0.00	0.0%
	Total									2,678,94	5, 031. 12	774. 70	2, 758. 31	5, 726. 44	8, 484. 75	
	Components (%)									31, 6%	_ 59, 3%	9.1%	32.5%	67.5%		
	Unit Rate	each								2,677.44	5, 028, 30	774.26	2, 756, 76	5, 723. 24	8, 480, 00	

50 <u>2 (2) a</u> 4	Drop Inlet Manhola for RCPC 1- \$910 x 1	- ø 460	)										Unit:	1,00 (	each	
Γ						U	nit Rate					Amou	nt			
ltem No.	Description	Unit	Quantity			ponent i			Total			Component (PP)			Total	Remarks
L				Lab.		Equip.		iocal	(99)	Labor	Material	Equipment	Foreign	Local	(PP)	
₩0161	Gravel Foundation Fill	m3	0.00					61.0%	390.00	0, 00	D, 00		0.00	0.00	0, 00	
₩0201	Lean Concrete (17MPa, max agg.38mm)	տ Յ	0, 00	2.6%	80, 9%	16.6%	56. 6%	43.4%	L, 450, 00	0, 00	0, 00	0.00	0, 00	0.00	0,00	Loss 2.0%
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m:H	0, 00	18, 8%	0, 2%	81.0%	13. 1%	56.6%	213, 00	0, 00	0.00	0, 00	0, 40	0, 00	0,00	
¥0236	Concrete Curing (plain concrete)	m3	0,00	70.9%	8.7%	20.4%	16.0%	84.0%	8, 85	0,00	0, 00	0,410	0, 80	0,00	0, 00	
W0243	Formwork (lean concrete)	ns2	0, 00	41.3%	58, 0%	0.8%	3, 8%	96.2%	152,00	0, 00	0,00	0,00	0.00	0, 00	0, 00	
W0203	Concrete (Class A, 21MPa, max agg. 38mm)	ns3	1, 56	2.4%	82.3%	15, 3%	56, 9%	13.1%	1, 570, 00	57, 98	2,016,68	374, 55	1, 393, 51	1,055.69	2, 449, 20	Loss 2,0%
₩0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	a3	1. 53	15.5%	0, 2%	84. 3%	45. 2%	54, <i>8</i> %	257.00	ĥI, 09	IJ, 77	331, 35	177. 57	215, 64	393. 21	
WQ237	Concrete Curing (reinforced concrete)	m3	1.53	74.6%	7,6%	17,8%	11.0%	86. (1%	4, 21	4, 81	0, 49	1.14	0, 90	5. 54	6. 44	
W0241	Formwork (reinforced concrete H(4m)	m2	15.17	59, 3%	39, 9%	0.8%	2.9%	97.1%	224.00	2,014.59	1, 356, 84	26, 65	99.16	3, 298. 92	3, 398, 08	
W0751	Concrete Hollow Block (150x200x4880mm), furnish & Laving including mortar fill	each	39. 00	48. 2%	50, 9%	1, 8%	19, 0%	81.0%	39. 00	733, 75	760, 23	27. 02	288. 40	1, 232. 60	l, 521.00	
W0251	Reinforcement Grade 40, cutting, hending & assembly	kg	71.71	15. 2%	77,0%	7, 8%	54.0%	46. 0%	23. 30	253, 75	1, 286, 64	130, 46	902.17	768. 67	1, 670, 84	
W0701	Presest Concrete Cover (580x480x70), furmish	each	1.00	I. 3%	91.2%	7,6%	63, 0%	37.0%	116.00	1. 45	105, 74	8, 81	73. 06	42, 94	116, 00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1,00	89, 3%	1. 1%	9.6%	5.4%	94.6%	10, 30	9. 20	0.11	0, 99	0, 55	9. 75	10. 30	
W0711	lron Step for Drop Inlet Manholes, furnish & installation	each	8, 00	8, 0%	86, 1%	5.9%	63, 0%	37. 0%	58, 40	37. 16	402. 36	27. <del>6</del> 9	294, 11	173, 09	467. 20	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	2, 65	38, 3%	55.0%	6.7%	39, 0%	ลีเ. 0%	30, 30	30, 75	44.20	5, 35	31, 32	48, 98	80. 30	
L	Miscellaneous	1.5	1.00							0.00	0.00	0, 00	0, 00	0.00	0.00	0. 0%
	Total									3, <u>204</u> . 51	5, 974, 05	934.01	3, 260. 74	<u>6, 85</u> 1, 83	10, 112, 57	
	Components (%)									31.7%	59, 1%		32, 2%	67.8%	100.0%	
L	Unit Rate	each								3, 200, 52	5, 966. 63	932, 85	<u>3, 256, 69[</u>	6, 843, 31	[0, 100, 00]	

2 (2) a5	Drop Inlet Manhole for RCPC 1-\$1070 x	1~ <b>¢ 1</b> 6	0										Unit:	1,00 (	oach	
		1					nit Rate	·				Anou,	nt			
lten No.	Description	Unit	Quantity			ponent (			Total			Component (PP)			Total	Remarks
W0161	Gravel Foundation Fill	-2	0.00	Lab. 24, 8%	<u>Mat.</u> 13, 1%;			Local 61.0%	(PP) 390.00	Labor0, up	Material 0.00	Equipment 0.00	Fore ign	Local	(PP)	
#0161 #0201	Lean Concrete (17MPa, max agg.38mm)	n3 n3	0.00	29, 85 2, 65	80, 9%	62.1% 16.6%			390.00	0,00	0,00		0,00	0,00	0,00	Loss 2.
#0201 #0231	Concrete Pouring by Pump Vehicle (plain	т3 1	0,80	2.0%	0, 2%			4.1. 4,4 56, 6%	213.00	0.00	0,08		0.00	1,00	0, 00 8, 00	Loss 2.
	concrete)						,				-			11, 00		
W0236	Concrete Curing (plain concrete)	m3	0.00	70,9%				84.0%	8.85	0.00	0. 00	B, 00	0.00	0, 00	0.00	
W0243	Formwork (lean concrete)	m2	0, 00	41.3%	58.0%		3, 8%	96. 2X	152.00	0,00	0, 00	0.00	0, 00	0, 00	0.00	
W0203	Concrete (Class A. 21MPa, max agg.38mm)	m3	1, 79	2.1%	82, 3%	15.3%	56.9%	43.1%	1, 570, 00	66, 52	2, 314. 01	429.77	1, 598, 96	1, 211, 34	2,810,30	Loss 2.
¥0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	1, 75	15, 5%	0.2%	84. 3%	45, 2%	54. 8%	257, 00	69. 87	0. 88	379, 00	203. ± 1	246, 64	119. 75	
W0237	Concrete Curing (reinforced concrete)	m3	1.75	74.6%	7.6%	17.8%	14, 0%	86, 0%	4. 21	6.50	0.56	1.31	1.03	6, 34	7. 37	
W0241	Forework (reinforced concrete U(4m)	m2	t7, 36	59, 3%	39, 9%	0.8%	2,9%	97.1%	224,00	2, 305, 42	1,552.72	30.50	113.47	3,775.17	3, 888, 64	
₩075 <i>1</i>	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	42, 00	48. 2 <b>%</b>	50.0%	1.8%	19.0%	81.0%	<b>39, 0</b> 0	790, 20	818.71	29, 10	310, 59	1, 327, 41	1, 639. 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	76.66	15, 2%	77.0%	7,8%	54,0%	46,0%	23, 30	271, 26	1, 375. 45	139. 46	964. 45	821, 73	1, 786. 18	
W0701	Precast Concrete Cover (580x480x70), fugnish	each	1.00	1.3%	91, 2%	7. <del>6</del> %	63, 10%	37.0%	116.00	1. 45	105, 74	8, 81	73, 06	12. 94	116.00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1,00	89, 3%	1. 1%	9.6%	5.4%	94, 6%	10. 30	9.20	0.11	0, 99	łi, 55	9, 75	10, 30	
₩0711	iron Step for Drop Inlet Manholes, furnish & installation	each	9, 00	8.0%	86, I%	5.9%	63, 0%	37,0%	58, 40	41.80	452, 65	31, 15	330. 87	194, 73	525, 60	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	2.65	38, 3%	55.0%	6, 7%	39, 0%	61.0%	30, 30	30, 75	44. 20	5, 35	31. 32	4R, 98	80, 30	
	Miscellaneous	1.8	1.00							0.00	0, 00	U, 00	0.00	0.00	0,00	0.0%
	Total									3, 591, 97	6, 665. 04	1, 055. 43	3, 627. 40	7,685.04	11, 312, 44	
	Components (%)									31, 8%	58.9%		32.1%	67.9%	100, 0%	
	Únit Kate	each								3, 588, 92	6,657.71	1, 054, 27	3, 623, 41	7, 676, 59	11, 300, 00	

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502 (2) a6	Drop Inlet Manhole for RCPC 1- \$1220 x	$1 - \phi 46$	i0										Unit:	1,00	each	
							nit Rate	· · · · · ·			<u></u>	Δπισι	<u>int</u>	·····		
Item No.	Description	Unit	Quantity			nponen L		<u> </u>	Total			Component (PP)			Total (PP)	Remarks
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	<u>Haterial</u> 0.00	Equipment	Foreign 0,00	Local 0.00	<u>(P12</u> 0,00	
W0161	Gravel Foundation Fill	m3	0.00	24.8%		62.1%			390.00	0,00			0, 00	0.00	0,00	Loss 2.
W0201	Lean Concrete (17MPa, max agg. 38mm)	m3	0,00	2.6%	80.9%	16, 6%	56, 6%	43.4%	1, 450, 80	0, 00	0.00	0.00	0. 90	n. 00		1.088 2.1
¥0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 00		1	1			213.00	0, 08			0, 00	8,00	0.00	
W0236	Concrete Curing (plain concrete)	m3	0.00	70, 9%				84.0%	8.85	0, 00			0, 08	0.00	0.00	
W0243	Formwork (lean concrete)	m2	0, 00	41.3%			3.8%		152, 00	0, 00	0, 00	0, 00	0.00	0, 00	0.00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	2.11	2.4%	82.3%	15, 3%	56.9%	43, 1%	ł, 570, 00	78, 42	2, 727. 69	506, 60	1, 884. 81	1, 427, 89	3, 312, 70	Loss 2.1
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	2, 07	15.5%	0,2%	84. 3%	45.2%	54, 8%	257, 00	82, 65	1.04	448. 30	240. 24	291.75	531,99	
₩0237	Concrete Curing (reinforced concrete)	n3	2.07	74.6%		17.8%		86, 0%	4. 21	6, 50			1, 22	7.49	8, 71	
W0241	Formwork (reinforced concrete HK4m)	m2	20.89	59.3%	39.9%	0.8%	2, 9%	97.1%	224.00	2, 774, 21	1, 868, 45	36.70	136, 55	4, 542, 81	4, 679. 36	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	45, 00	48. 2%	50.0%	1.8%	19.0%	81.0%	39, 00	846. 61	877, 19	31, 17	332. 77	1, 422, 23	ι, 755.00	
¥0251	Reinforcement Grade 40, cutting, bending & assembly	k <sub>R</sub>	84. 93	15, 2%	77.0%	7.8%	54, 0%	46, 0%	23. 30	300, 53	1, 623, 84	154. 51	1, 068, 49	910, 38	1, 978. 87	
¥0701	Precast Concrete Cover (580x480x70), furnish	each	1.00	1.3%	91.2%	7.6%	63, 0%	37.0%	116, 00	1.45	105. 74	8, 81	73.06	42, 94	116.00	
¥0702	Precast Concrete Cover (580x480x70), installation	each	1.00	89, 3%	1.1%	9.6%	5.4%	94, 6%	10. 30	9. 20	0, 11	0, 99	0, 55	9. 75	10.30	
W0711	Iron Step for Drop Inlet Manholes, Curnish & installation	each	10.40	8.0%	- <b>86,</b> 1%	5.9%	63. 0%	37.0%	58. 40	46. 45	502.95	34. 61	367. 64	216.36	584.00	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	2.65	38, 3%	55.0%	6, 7%	39,0%	61.0%	30. 30	30.75	44. 20	5. 35	31.32	48, 98	80. 30	
	Miscellaneous	15	1.00		· .	1				<u>D. 00</u>	0,00		0.00	0,00	0.00	0.0%
·····	Total									4, 176, 78	7, 651, 86		4, 136, 64	8, 920, 59	13, 057, 23	
	Components (%)									32. 0%	58.6%		31.7%	68, 3%	100.0%	
	Unit Kate	each								4, 190, 46	7, 676, 93	1, 232, 61	4, 150, 19	8,949.81	13, 100, 00	

602 (2) a7	Drop Inlet Manhele for RCPC 1-\$1520 x	<u>1-                                    </u>	0										Unit:	1.00	each	
							<u>nit Rate</u>	<u> </u>				Amoui	<u>nt</u>			
ltem No.	Description	Unit	Quantity			ponent (			Total			Component (PP)			Total	Remarks
				Lab,		Equip.	For.	l.ocal	(99)	l.abor	<u>Material</u>	Equipment	Foreign	Local	<u>(PP)</u>	
W0161	Gravel Foundation Fill	m3	0,00				39.0%		390.00	0.00	0.00		0.00	0.00	0.00	
W0201	Lean Concrete (174Pa, max agg.38mm)	m3	0.00	2.6%	80, 9%	16.6%	56,6%	43.4%	1, 450, 90	0,00	Q, 00	0.00	0.00	0, 00	0.00	loss 2.
¥0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 00		0.2%	81,0%	43, 4%	56.6%	213, 80	0.00	0,00		0.00	0. 00	0,00	
W0236	Concrete Curing (plain concrete)	m3	0, 00	70, 9%	8, 7%	20, 4%	16.0%		8, 85	0,00	0.00	0, 00	0, 110	0.00	0, 00	
W0243	Formwork (lean concrete)	m2	0.00	41.3%	58.0%	0.8%	3.6%	96, 2%	152.00	0,00	0.00	0.00	0, 00	U, OO	0.00	
WO203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	2. 71	2, 4%	82.3%	15.3%	56. 9%	43. 1%	1, 670, UR	100.72	3, 503, 33	650, 65	2, 420, 77	1, 833, 93	4, 254, 70	Loss 2.0
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	mЗ	2.66	15, 5%	0. 2%	84.3%	45.2%	54.8%	257.00	106. 20	1.34	576, 08	308, 72	374. 90	683, 62	
W0237	Concrete Curing (reinforced concrete)	m3	2, 66	74.6%	7.6%	17.8%	14.0%	86.0%	4. 21	8. 36	0.85	L. 99	1.56	9.64	11.20	
W0241	Formwork (reinforced concrete li<4m)	m2	27.39	59.3%	39, 9%	0.8%	2.9%	97.1%	224.00	3, 637, 41	2, 449, 83	48.12	179, 03	5, 956, 33	6, 135, 26	
W0751	Concrete Hollow Block (150x200x400mm), furpish & Laving including mortar fill	each	50.00	48.2%	50, 0%	1.8%	19.0%	81.0%	39. 00	940, 71	974, 65	31.64	369, 75	1, 580, 25	1, 950. 00	
W025t	Reinforcement Grade 40, cutting, hending & assembly	kg	105, 33	15, 2%	77, 0%	7.8%	54.0%	46, 0%	23. 30	372, 71	1, 889, 86	191.62	1, 325, 14	1, 129, 05	2, 454. 19	
W0701	Precast Concrete Cover (580x480x70), Furgish	each	1,00	1.3%	91, 2%	7.6%	63. 0%	37.0%	116,00	1. 45	105. 74	8, 81	73, 06	42, 94	116.00	
W0702	Prevast Concrete Cover (580x480x70), installation	each	1.00	89. 3%	1.1%	9.6%	5.4%	91.6%	10, 30	9, 20	0.11	0, 99	0, 55	9.75	10. 30	
W0711	Iron Step for Drop Inict Manholes, Furnish & installation	each	11.00	8.0%	86. 1%	5, 9%	63.0%	37.0%	58, 10	51.09	553, 24	38, 07	104. 40	238.00	642, 40	
₩0716	Steel Grate for Manhole Inlet, furnish & installation	kg	2, 65	1	55, 0%	6, 7%	39.0%	61.0%	30, 30	30, 75	44, 20	5. 35	31. 32	48. 98	80. 30	
	Miscellaneous	LS	l.00	[]				<u> </u>		0,00	0,00		0, 00	0, 00	0.00	0.0%
	fotal							L		5, 258, 60	9, 523, 15	1, 556. 32	5, 114. 30		<u>16, 3</u> 38. 07	
	Components (%)		L,					L		32. 2%	58.3%		31, 3%	68.7%		
	Unit Rale	each	L	1			_	l	. 1	5, 246, 34	9, 500, 96	1, 552, 69	5, 102, 38	11, 197.62	16, 300, 00	

#### Drop Inlet Manhole for RCPC 1- \$610 x 1-\$610 502(2)a12

Unit: 1.00 each Unit Raig Amount Unit Remarks Item No. Description Quantity Component (%) Total Component (PP) Total Lah, Mat. Equip. For. Local (PP) Labor Material Equipment Foreign Local (ዋሮ) Gravel Foundation Fill 10161 m3 0,80 24.8% 13.1% 62.1% 39.0% 390, 00 0.00 6 00 0.00 Ö. 00 (1.00 0.00 61.0% 0.00 0.00 0, 00 0,00 Loss 2,0% W0201 Lean Concrete (17MPa, max agg.38mm) mЗ 0.00 2.6% 80, 9% 16.6% 56, 6% 43, 4% 1, 450. 00 0.00 0.00Concrete Pouring by Pump Vehicle (plain **n**3 213.00 0.00 0.00 ₩0231 0.00 18, 8% 81.0% 43.4% 56, 6% 0.00 0.00 0, 00 0.00 0, 2% (operate) 70, 9% 20.4% 16.0% 84.0% 8, 85 0.08 0, 00 0.00 0.00W0236 Concrete Curing (plain concrete) **n**3 0, 10 8,7% 0, 00 0,00W0243 Formwork (lean concrete) π2 0.00 41.3% 58.0% 0.8% 3.8% 96, 2% 152, 00 0.00 0.00 0,00 0, 00 0,000.00 Concrete (Class A, 21MPa, max agg. 38mm) 15.3% 56.9% 43.1% 1,570.00 42.37 1, 473, 73 273.71 1.018.33 771.47 1, 789, 80 Loss 2.0% ¥0203 mЗ L 14 2.4% 82, 3% Concrete Pouring by Pump Vehicle m3 257.00 44.72 0, 56 242.56 129.99 157,85 W0232 L 12 15.5% 84, 3% 45.2% 54.8% 287.844, 2% (reinforced concrete) **W0237** mЗ 17.8% 14.0% 86.0% 3.52 0, 36 4, 72 Concrete Curing (reinforced concrete) 1.12 74.6% 7,6% 4.21 0.84 0.66 4,06 10, 28 ¥024J Formwork (reinforced concrete JK4m) **m**2 59, 3%) 39, 9% 0.8% 2.9% 97, 1% 224, 00 1, 365, 19 919.47 18, 06 67.19 2, 235, 53 2, 302.72 Concrete Hollow Block (150x200x400mm), W0751 39, 00 696.12 721.24 25, 63 273, 61 1, 169, 39 1, 443.00 each 37.00 48.2% 50,0% 1.8% 19.0% 81.0% furnish & Laving including mortar fill Reinforcement Grade 40, cutting, bending 15, 2% 77 0% ¥0251 kg 59, 70 7.8% 54.0% 46.0% 23, 30 211, 25 1,071.15 108.61 751,07 639,94 1, 391, 01 & assembly Precast Concrete Cover (580x480x70), W0701 each 1,001, 3% 91.2% 7.6% 63.0% 37.0% 116.00 1.45 105.74 8.81 73, 06 42.94 116.00 furnish Precast Concrete Cover (580x480x70), ¥0702 each 1.00 89, 3% i. 1% 9,6% 94, 6% 10, 30 9, 20 8,11 0.55 9,75 10.30 5.4% Î 0,99 installation Iron Step for Drop Inlet Manholes, ₩0711 each 6,00 8.0% 86.1% 5.9% 6.1, 0% 37.0% 58, 40 27.87 301.77 20.76220, 58 129, 82 350,40 furnish & installation Steel Grate for Manhole Inlet, furnish & 6.7% W0716 kg 38.3% 39.0% 61.0% 30.30 37.82 54.37 6.59 38, 53 60.25 98.78 3, 26 55.0% installation Miscellaneous 1.5 0.00 0.00 1,00 0.00 0.00 0.000.00 0.0% Total 2, 439, 51 4,648.50 706.56 2, 573. 58 5, 220, 99 7, 794. 57 Components (%) 31.3% 59.6% 9, 1% 33, 0% 67.0% 100.0% 706.14 Unit Rate each 2, 438, 08 4, 645, 78 2, 572, 07 5.217.93 7,790.00

						- D	nit Rate					Amoun	t.			
Etom No.	Description	Unit	Quantity		Con	ponent	(%)		Total			Component (PP)			Total	Remarks
				<u>l.ab,</u>		Equip,	For.	l.ocal	(PP)	tabot	Material	Equipment	Foreign	Local	(9 <u>9</u> )	
W0161	Gravel Foundation Fill	m3	11.00	24.8%	13.1%	62.1%			390, 00	0.00	0.00	0, 00	0, 00	0.00	0, 00	
#0501	Lean Concrete (17MPa, max agg. 38mm)	m3	0.00	2.6%	80. 9%	16, 6%	56, 6%	43.4%	1, 450, 00	0.005	0.00	0, 00	0.00	0,00	0, 00	Loss 2.
WO231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	U. OO	18.8%	0. 2%	81,0%	43. 1%	56, 6%	213.00	0, 00	0, 00	0.00	0, 00	0, 00	0, 00	
W0236	Concrete Curing (plain concrete)	m3	0.00	70, 9%	8,7%	20.4%	16.0%	84.0%	8.85	0,00	0, 00	0.00	0, 00	0.00	0.00	
WO243	Formwork (lean concrete)	m2	8,00	41.3%	58.0%	0,8%		96.2%	152, 00	0.00	0, 00	0, 00	0.00	0, 00,	0,00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	1, 43	2.4%	82.3%	15.3%	56, 9%	43.1%	1, 570, 00	53, 15	1, 848. 62	343, 33	1, 277, 38	967.72	2, 245. 10	Loss 2
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	1.40	15, 5%	0, 2%	84.3%	45. 2%	54.8%	257. 00	55, 90	0, 71	303, 20	162, 48	197. 32	359, 80	
W0237	Concrete Curing (reinforced concrete)	m3	1.40	74.6%	7,6%	17.8%	14.0%	86.0%	4, 21	4, 40	0.45	t, 05]	0, 82	5.07	5, 89	
W0241	Fornwork (reinforced concrete H(4m)	m2	13, 14	59, 3%	39, 9%	Ð. 8%	2, 9%	- 97, 1%	224, 00)	1, 745, 00	1, 175. 27	23, 09)	85.89	2,857,47	2, 943, 36	
W075	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each	39, 00	48. 2%	50.0%	1.8%	19. 0%	81, 0%	39, 00	733. 75	760, 23	27. 02	288. 40	1, 232, 60	1,521.00	
¥0251	Reinforcement Grade 40, cutting, bending & assembly	kg	67, 78	15, 2%	77.0%	7.8%	54.0%	46.0%	23. 30	239. 84	1, 216, 12	123, 31	852, 73	726, 54	1, 579, 27	
₩0701	Precast Concrete Cover (580x480x70), furnish	each	L. 00	1.3%	91.2%	7.6%	63, 0%	37.0%	116. 00	I. 15	105, 74	8, 81	73. 06	42.94	116.00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1.00	89. 3%	1, 1%	9,6%	5,4%	94.6%	10.30	9, 20	0.11	0.99	0, 55	9, 75	10. 30	
W0711	lron Step for Drop Inlet Manholes, furnish & installation	each	7,00	8.0%	86.1%	5.9%	£3, 0%	37, 0%	58.40	32. 51	352.06	24. 23	257. 34	151, 46	408.80	
W0716	Steel Grate for Manhole Inlet, furnish & linstallation	kg	3. 26	38, 3%	55, 0%	6.7%	39. 0%	61.0%	30. 30	37. 82	54. 37	6. 59	38. 53	60, 25	98, 78	
	Miscellaneous	LS	1.00							0, 00	0.00	0.00	0.00	0, 00	0,00	0.0%
	Total									2, 913, 01	5, 513, 68	861.60	3, 037, 18	6, 251, 12	9, 288, 30	
	Components (%)									_31, 4%	59. 1%	9, 3%	32.7%	67, 3%	100, 0%	
	Unit Nate	each		· · ·					j	2, 913, 55	5, 514, 69	861, 76	3, 037, 74	6, 252, 26	9, 290, 00)	

(2) e 14	Drop Inlet Manhale for RCPC 1-\$910 x 1	<u>- 9 6 1 0</u>			<u> </u>	······						Алюц	Unit:	1.00	each	
Lem No.	Description	Enit	Quantity		Cor	uponen t	n <u>it Rate</u> (%)	·	Total			Component (PP)	ni		Total	Romers
T DOM INO.	peace the ton		Quality	Lab,	Mat,	Equip.	For.	Local	(00)	Labor	Material	Equipmont	Foreign	Local	(PP)	
W0161	Gravel Foundation Fill	n3	0, 0(1	24. 8%	13.1%				390,00	0, 00	0, 00	0.00	0, 80	0.00	0,00	
W0201	Lean Concrete (17MPa, max agg.38mm)	n3	0.00	2.6%	80, 9%	16, 6%	56, 6%	13.1%	1, 450, 00	0, 00	Ö. 00	0, 00,	0.00	0,00	0, 00	Loss
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 00		0, 2%	81.0%		56, 6%	213.00	0, 00	0, 00	0.00	0.00	0, 00	0.00	
W0236	Concrete Curing (plain concrete)	m3	0, 00		8, 7%			84, 0%	8, 85	0.00	0, 00	0, 00	0. 00	0, 10,	0.00	
W0243	Formwork (lean concrete)	т2	0,00	41.3%	58.0%			96, 2%	152.00	0, 10	0.00	0.00	0.00	0.00	0,00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	աՅ	1.73	2, 4%	82.3%	15, 3%	56,9%	43. 1%	1, 570, 00	64.29	2, 236, 44	415.36	1, 545. 36	1, 170, 74	2,716.10	l.oss
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	այ	1.70	1	1		1		257, 10	67.87	0. 86	368, 17	197.30	239, 60	436, 90	
¥0237	Concrete Curing (reinforced concrete)	m3	1.70		7,6%			86. 0%	4. 21	5. 34	10, 55	1. 27	1.00	6, 16	7.16	
W0241	Formwork (reinforced concrete H<4m)	m2	16, 34	59.3%	39.9%	0.8%	2.9%	97, 1%	224.00	2, 169, 96	l, 461. 49	28.71	106, 81	3, 553, 35	3, 860, 16	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each	42, 00	48, 2%	50.0%	1, 8%	19.0%	81.0%	39.00	790. 20	818.71	29.10	310, 59	1, 327, 41	1,638.00	
W0251	Reinforcement Grade 40, cutting, bonding & assembly	kg	78, 75	15, 2%	77.0%	7.8%	54.0%	46, 0%	23, 30	278.66	1, 412, 96	143. 26	998, 74	844. 14	1, 834, 88	
W0701	Precast Concrete Cover (580x480x70), furnish	each	1.00	1, 3%	91.2%	7,6%	63, 0%	37.0%	116.00	l, 45	105. 74	8, 81	73, 06	42, 94	116, 00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1.00	89, 3%	L 1%	9.6%	5.4%	94, 6 <b>%</b>	10, 30	9, 20	0, 11	0. 99	0, 65	9, 75	10, 30	
W0711	lron Step for Drop Inlet Manholes, furnish & installation	each	8.00	8.0%	86, 1%	5.9%	63.0%	37.0%	58, 40	37. 16	402.36	27. 69	294, 11	173, 09	467, 20	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	3.26	38. 3%	55, 0%	6, 7%	39. 0%	61.0%	30, 30	37.82	54.37	1	38, 53	60, 25	98. 78	
	Miscellaneous	LS	1.00							0.00	0.00	0.00	0, 80	8,00	0.00	0, 0%
	Total									3, 461, 96	6, 493, 58	1, 029, 94	3, 558, 04	7, 427, 44	10, 985, 48	
	Components (%)	<u> </u>								31.5%	59, 1%	9.4%	32, 4%	67.67	100.0%	
	Unit Rate	each							1	3, 466, 53	6, 502, 16	1,031.31	3, 562, 75	7, 437, 25	11,000,00	

#### 602(2)a15 Drop Inlet Manhole for RCPC 1-&1070 x 1-&610

602(2)al5	Drop Inlet Manhole for RCPC 1-\$1070 x	1-\$61	0											<u>1.00 e</u>	ach	
							nit Rate					Amail	nt			
Item No.	Description	Unit	Quantity			ponent			Total		M-4	Component (PP)			Total (PP)	Remarks
W0161	Gravel Foundation Fill	m3	0,00	Lab. 24.8%	Mat. 13.1%	Equip. 62.1%		Local 61.0%	(PP) 390, 00	Labor 0,00	Material 0.00	Equipment 0.00	Foreign 0.00	Local	0,00	
W0201	Lean Concrete (17MPa, max agg. 38mm)	m3	8,00	2. 6%	80, 9%	16,6%	56.6%		1, 450, 00	0.00	0.00	0, 10	0,00	0.00	0,00	Loss 2.0%
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	тЗ	a. oo	18.8%	0, 2%	81.0%	13, 1%		213.00	0, 00	0.00	0, 00	0, 00	0,00	0, 00	
W0236	Concrete Curing (plain concrete)	m3	0,00	70, 9%				84.0%	8.85	0,00	e. ooj	0.00	0.00	0,00	0.00	
W0243	Formwork (lean concrete)	m2	0.00	41.3%	58.0%	O. H%	3.8%	96.2%	152, 00	0.00	6, 00	0.00	0, 00	0.00	0,00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	1, 97	2.4%	82.3%	15.3%	56, 9%	43.1%	1, 570. 00	73. 21	2, 546, 70	472.98	1, 759, 75	1, 333, 15)	3, 092, 90	Loss 2,0%
₩0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	1. 93	15, 5%	0.2%	84, 3%	45.2%	54.8%	257.00	77.06	0. 97	417.98	224. 00	272, 01	496. 01	
W0237	Concrete Curing (reinforced concrete)	m3	1, 93	74,6%	7.6%				4.21	6, 07	0.62	1, 44	1, 13	7.00	8.13	
W0241	Formwork (reinforced concrete HK4m)	m2	18.64	59.3%	39.9%	0,8%	2, 9%	97.1%	224.00	2, 475. 41	1,667,21	32.75	121.84	4, 053, 52	4, 175, 36	
¥0751	Concrete Hollow Block (180x200x400mm), furnish & Laying including mortar fill	each	45.00	48. 2%	50, 0%	1.8%	19.0%	81.0%	39, 00	846. 64	877, 19	31, 17	332. 77	1, 422, 23	1, 755, 00	
¥0251	Reinforcement Grade 40, cutting, bending & assembly	kg	85, 46	15. 2%	77.0%	7.8%	54.0%	46.0%	23, 30	302. 40	ł, 533, 35	155. 17	1,075,16	916.06	1, 991, 22	
W0701	Precast Concrete Cover (580x480x70), furnish	oach	1.00	1.3%	91.2%	7,6%	63.0%	37.0%	116, 00	1.45	105, 74	8.81	73, 06	42. 94	116,00	
W07U2	Precast Concrete Cover (580x480x70), installation	each	1.00	89, 3%	1. 1%	9, 6%	5.4%	94.6%	10, 30	9, 20	0, 11	0, 99	0.55	9, 75	10, 30	
W0711	lron Step for Drop Inlet Manholes, furnish & installation	each	9. 00	8, 0%	86, 1%	5.9%	63.0%	37.0%	58. 40	41, 80	452.65	31, 15	330, 87	194, 73	525, 60	
W0716	Steel Grate for Manhole Inlet, fureish & installation	kg	3, 26	38. 3%	55. 0%	6, 7%	39.0%	61.0%	30. <u>3</u> u	37. 82	54, 37	6. 59	38, 53	60. 25	98, 78	
	Miscellaneous	L.S	1,00							0.00	a. oo	0.00	0.00	0.00	0,00	0.0%
	Total		]							3,871.06	7, 238. 91		3, 957, 66	8, 311, 64	12, 269, 30	
L	Components (%)									31, 6%	59.0%		32. 3%	67. 7%	100.4%	
	Unit Rate	each							174.4	3,880.74	7, 257. 02	1, 162. 24	3, 967, 56	8, 332, 44	12, 300, 00	

# 502(2)a16 Drop Inlet Manhale for RCPC 1-\$1220 x 1-\$610

Unit: 1.00 each

							nit Bate	<u>)</u>		<u> </u>		Amor	ant			
ltem No.	Description	Unit	Quantity			nponent			Tota			Component (PP)	<u> </u>		Total	Kemarks
				Lab.	Mat,	Equip,		Local	(PP)	Labor	Material	Equipment	Foreign	Local	<u>(PP)</u>	
W0161	Gravel Foundation Fill	m3	0.00	24.8%				61.0%	390.00	0.00	0, 00	0, 00	0, 00	0,00	0,00	
W0201	Leab Concrete (17MPa, max agg.38mm)	m3	0.00	2, 6%	80.9%	16,6%	56, 6%	43, 4%	1, 450, 00	0.00	0.00	0.00	0.00	0.00	0.00	Loss
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 00	18.8%				56, 6%	213.00	0. 0()	0. 00	0.80	0.80	0, 00	0.00	
W0236	Concrete Curing (plain concrete)	m3 [	0.00						8, 85	0, 00	0,00	0.80	0.00	0, 00	0.00	
W0243	Formwork (lean concrete)	m2	0, 00	41, 3%	58.0%		3.8%	96.2%	152.00	0.00	8,00	0. 00	0, 00	0, 00	0.00	
¥0203	Concrete (Class A, 21MPa, max agg.38mm)	( n3 (	2.32	2.4%	82.3%	15, 3%	56, 97	43, 1%	1, 570, 00	86, 22	2, 999, 16	557, 82	2, 872, 39	1, 570, 01	3, 642, 40	Loss
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	2. 27	15.5%	0.2%	84, 3%	45.2%	54, <b>8%</b>	257, 00	90, 63,	L 14	491, 61	263. 46	319, 93	583. 39	
W0237	Concrete Curing (reinforced concrete)	m3	2. 27		7.6%	17.8%	11.0%	86, 11%	4, 21	7.13	0.73	1.70	1. 33	8. 23	9, 56	
¥0241	Formwork (reinforced concrete HK4m)	m2	22.34	59.3%	39, 9%	0,8%	2.9%	97.1%	224.00	2, 966, 77	1, 998. 14	39, 25	146. 02	4, 858, 14	5,004.16	
W0751	Concrete Nollow Block (150x200x400mm), furnish & Laying including mortar fill	oach	47, 00	48.2%	50.0%	1.8%	19. 0%	81.0%	39. 00	884. 27	916, 17	32, 56	347. 5 <del>l</del> i	1, 485, 44	1, 833, 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	94, 49	15, 2%	77.0%	7.8%	54.0%	46. 0%	23. 30	334. 36	1, 695. 37	17±. 98	, 188. 76	1, 012, 86	2, 201, 62	
W0701	Precast Concrete Cover (580x480x70), fureish	each	1. 00	1.3%	91, 2%	7,6%	<b>БЗ. 0%</b>	37.0%	116.00	l. 45	105. 74	8. 81	73.06	42, 94	116.00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1,00	89, 3%	1.1%	9.6%	5. 1%	91.6%	10, 30	9. 20	0, 11	0, 99	0, 55	9.75	10. 30	
W0711	lron Step for Drop Inlet Manholes, furnish & installation	each	10, 00	8,0%	86. 1%	5, 9%	63. 0%	37.0%	58.40	46. 45	502, 95	34.61	367.64	216, 36	584.00	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	3, 26	38. 3%	55.0%	6. 7%	39. OX	61.0%	30. 30	37. 82	54, 37	6. 59	38. 53	60.25	98. 78	
	Miscellaneous	LS	1.00							D. 00	0, 00	0.00	0.00	0.00	U, 00	0, 0%
	Total	[		-						4, 464, 29	8, 273, 88	1, 345. 03	4, 499, 31	9, 583. 90		
	Components (%)									31, 7	58, 7%	9.6%	31.9%	68, 1%	100, 0%	
	Unit Rate	each								4, 469, 62	8, 283, 75	1, 346, 63	4, 584, 67	9, 595, 33	14, 100, 00	• • • •

502(2)a <u>17</u>	Drop Inlet Manhole for RCPC 1-#1520 x	<u>1-¢61</u>	0										Unit:	<u> </u>	each	
		1			· · · · · · · · · · · · · · · · · · ·		nit Rate	2				Атоц	nt			
Item No.	Description	Unit	Quantity			ponent			Total			Component (PP)		/	Total	Remarks
				l.ab.				l.oca]	(PP)	Labor	Naterial	Equipment	Foreign	Local	<u>(PP)</u>	
W0161	Gravel Foundation Fill	m3	0.00					61.0%	390, 00	U. QQ	0, 00	0.00	0.00	0, 00	0.00	
W0201	Lean Concrete (17MPa, max agg.38mm)	a3	0.00	2.6%	80, 9%	16, 6%	56, 6%	43, 4%	1, 450, 00	0.00	0.00	0, 00	0.00	0,00	0.00	Loss 2.0%
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00	18, 8%	0.2%	81.0%	43, 4%	56.6%	213.00	0. 00	0. DO	0.00	0.00	0, 00	0, 00	
W0236	Concrete Curing (plain concrete)	n.3	0.00	70, 9%	8.7%	20.4%	16, 0%	84.0%	8, 85	0.00	0,00	0, 00	0.00	0, 00	0, 00	
¥0243	Formwork (lean concrete)	m2	0.00	41.3%			3.8%	96, 2%	152.00	0.00	0.00	0.08	0, 00	0, 00	0,00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	] m3 ]	2, 96	2.4%	82, 3%	15.3%	56, 9%	43.1%	1, 570, 00]	110. 05	0, 826, 52	710.68	2,644,09	2,003,11]	4, 647, 20	Loss 2,09
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	2, 90	15.5%	0, 2%	84. 3%	45, 2%	54.8%	257.00	115. 78	1, 46	628, 05	336, 57	408. 73	745. 30	
W0237	Concrete Curing (reinforced concrete)	m3	2.90	74.6%		17.8%	11.0%	86.0%	4, 21	9. (1	U. 93	2.17	1.70	10, 51	12.21	
W0241	Formwork (reinforced concrete H<4m)	m2	29.12	59.3%	39, 9%	0, 8%	2.9%	97.1%	224.00	3,867.16	2, 604, 56	51.16	190, 34	6, 332, 54	6, 522. 88	
WD751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	53, 00	48, 2%	50, 0%	(, 8%	(9.0%	81.0%	39. 00	997. 15	1, 033, 13	36, 72	391.93	1, 675, 07	2, 467. 00,	
WD251	Reinforcement Grade 40, cutling, bending & assembly	kg	116, 56	15. 2%	77.0%	7,8%	51.0%	46.0%	23. 30	412.45	2, 091, 35	212.05	1, 466, 42	1, 249, 43	2, 715, 85	
W0701	Precast Concrete Cover (580x480x70), formish	each	L. 00	1, 3%	91.2%	7.6%	63, 0%	37.0%	116.00	1.45	105, 74	8. 81	73, 06	42, 94	116.00	
W0702	Preenst Concrete Cover (580x480x70), installation	cacb	1, 00	89, 3%	L. 1%	9.6%	5, 4%	94.6%	18, 30	9. 28	0, 11	0, 99	0.55	9, 75	10, 38	
W0711	lron Step for Drop Inlet Manholes, furnish & installation	each	11, 00	8, 0%	86, 1%	5, 9%	63. 0%	37, 0%	58, 40	51.09	553, 24	38, 07	404, 40	238.00	642.40	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	3. 26	38. 3%	55. 0%	6.7%	39, 0%	61.0%	30, 30	37.82	54. 37	6. 59	38, 53	60, 25	98. 78	
	Miscellaneous	ເລ	1.00							0.00	0.00	0,00	0, 00	0. 00	0.00	0.0%
	Total									5, 611, 23	10, 271, 42	l, 695. 28	5, 547. 60	12, 030, 32	17, 577, 92	
	Components (%)			[						31.9%	58.4%	9, 6%	31, 6%	68.4%	100.0%	
	Unit Kate	each		[						5, 618. 27	10, 284, 32	1, 697, 41	5, 554, 56	12, 045, 41	17,600,08	

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ltem No,	Description	Unit	Quantity		Cor	ponent	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mai.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	<u>(PP)</u>	
¥0161	Gravel Foundation Fill	m3	0.00	24.8%	13, 1%	62. [%	39, 0%		390.00	0, 00	0.00	0, 90	Ö, 00	0.00	0.00	
¥020	Lean Concrete (17MPa, max agg. 38mm)	m3	0.00	2, 6%	80.9%	l6.6%	56.6%	13. 1%	1, 450, 00	0.00	8,00	0, 00	0.00	0, 00	0, 00	Loss 2
¥0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	<b>0</b> . 00	18. 8%	0. 2%	81.0%	43. 4%	56.6%	213, 00	0.00	0, 00	0.00	0.00	0, 00	0.00	
W0236	Concrete Curing (plain concrete)	m3	0.00	70, 9%	0,7%	20.4%	16.0%	84.0%	8, 85	0, 00	0, 00	0,00	0.00	0, 00	0.00	
¥0243	Formwork (lean concrete)	m2	0, 00	41.3%	58.U%	0.8%	3,8%	96, 2 <b>%</b>	152.00	0,00	0.00	0.00	0,00	0.60	0.00	
¥0203	Concrete (Class A, 21MPa, max agg.38mm)	] m3 ]	1.86	2.4%	82.3%	15.3%	56.9%	43.1%	L, 570, 00	69.13	2, 404, 50	446. 57	1,661.49	1, 258, 71	2, 920, 20	Loss
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	т3	1.82	15, 5%	0.2%	84. 3%	45. 2%	54.8%	257.00	72.66	0, 92	394. 16	211, 23	256, 51	467. 74	
W0237	Concrete Curing (reinforced concrete)	m3	1.82	74.4%	7,6%	17.8%	14.0%	86.0%	4, 21	5. 72	0.58	1.36	1, 07	6, 59	7.66	
W0241	Formwork (reinforced concrete N<4m)	m2	14.89	59.3%	39,9%	U. 8%	2.9%	97.1%	224.00	1, 977, 40	1, 331, 80	26, 16	97. 33.	3, 238. 03	3, 335, 36	
W0751	Concrete Hellow Block (150x200x400mm), furnish & Laying including mortar fill	each	52, 00	48. 2%	50. O%	1.8%	19,0%	81.0%	39.00	978, 34	1, 013, 64	36, 02	384, 54	1, 643, 46	2, 028, 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	94, 26	15.2%	77 0%	7.8%	54. UX	46. 0%	23, 30	333, 54	1, 691. 24	171.48	1, 185, 87	1, 010. 39	2, 196. 26	
W0701	Precast Concrete Cover (580x480x70), furnish	each	I. 00	1. 3%	91.2%	7, 6%	63, 0%	37, 0%	116.00	1, 45	105. 74	8.81	73.06	42, 94	116.00	
₩0702	Precast Concrete Cover (580x480x70), installation	each	1.00	89, 3%	1.1%	9.6%	5. 1%	94, 6%	10. 30	9, 20	0.11	0, 99	0. 55	9, 75	10, 30	
W0711	Tron Step for Drop Inlet Manholes, furnish & installation	each	6, 00	8.0%	86, 1%	5.9%	63. 0%	37.0%	58. 40	27. H7	301.77	20. 76	220. 58	129. 82	350, 40	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	6, 37	38, 3%	55. 0%	6.7%	39, 0%	61, 0%	30, 30	73, 90	106. 24	12. 97	75. 28	117, 73	193, 01	
	Miscellancous	ES	1.00							0, 00	0.00	0, 80	0.00	0,00	0.00	0.0%
	Tota]									3, 549. 21	6, <u>956, 5</u> 3	1, 119, 19	3, 910, 99	7, 713, 94	11, 624, 93	
	Components (%)		· _							30. 5%	59.8%	9.6%	33, 6%	66.1%	100.0%	
	Unit Rate	each		1						3, 541, 60	6,941.61	1, 116, 79	3, 902, 60	7, 697, 40	11,600,00	

#### 502(2)a23 Drop Inlet Manhole for RCPC 2- \$760 x 1-\$610

						U	nit Rate					ΔπουΠ	ι <u> </u>			
tem No.	Description	Unit	Quantity			ponent (			Total	· · · · · · · · · · · · · · · · · · ·		Companent (PP)			Total	Remarks
				Lab,	Mat.	Equip.	For,	Local	(PP)	Lahor	Material	Equipment	Foreign	Loca l	(99)	
WO161	Gravel Foundation Fill	m3	0, 00	24.6%		62.1%		61.0%	390.00	0, 00	0, 00	0.00	0.00	0,00	0.00	
WO201	Lean Concrete (17MPa, max agg.38mm)	m3	0.00	2.6%	80, 9%	16,6%	56.6%	43.4%	1, 450, 00	0.00	0, 00	0.00	0, 00	0.00	0,00	Loss 2.
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00	18.8%	0.2%	BL, 0%	43.4%	56.6%	213.00	0.00	a, oo	0.00	0, 90	0.00	0, 00	
¥0236	Concrete Curing (plain concrete)	m3	0.00	70.9%	8,7%	20, 4%	16.0%	84. 0%	8.85	0, 00	0,00	0.00	0, 00	0.00	0.00	
W0243	Formwork (lean concrete)	m2	0.00	41, 3%	58.0%	0.8%	3,8%	96. 2%	152.00	0, 00	0.00	0, 00	0.00	0.00	0.00	
W0203	Concrete (Class A. 21MPa, max agg.38mm)	m3	2.40	2.4%	82.3%	15.3%	56.9%	43.1%	1, 570, 00	89, 19	3, 102, 58]	576. 22	2, 143, 86	1,624.14	3, 768, 00	Loss 2
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	2. 35	15.5%	0.2%	84. 3%	45. 2%	54. 8%	257.00	93, 83	. 1.18	508. 94	272. 74	331.21	603, 95	
W0237	Concrete Curing (reinforced concrete)	m3	2.35	74.6%	7.6%	17.8%	14.0%	86.0%	4.21	7.38	0,75	1.76	1.38	8, 51	9,89	
WO241	Formwork (reinforced concrete H<4m)	m2	19, 96	59.3%	39.9%	0,8%	2, 9%	97, 1%	224.00	2,650,70	1, 785. 27	35, 07	130. 47	4, 340, 57	4, 471, 04	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	58, 00	48.2%	50, 0%	1.8%	19.0%	81.0%	39, 00	1,091.22	1, 130, 60	40. JB	428, 91	1, 833, 09	2, 262, 00	
W0251	Reinforcement Grade 40, cutting, hending & assembly	kg	112. 21	15.2%	77.0%	7,8%	54.0%	46. 0%	23, 30	397.06	2, 013, 30	204. 13	1, 411, 69	1, 202, 80	2, 614, 49	
W0701	Preemst Concrete Cover (580x480x70), Furpish	each	1.00	1.3%	91.2%	7.6%	63, 0%	37,0%	116.00	່ ເ.45	105. 74	8, 81	73.06	42. 94	116.00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1.00	89.3%	1.1%	9.6%	5.4%	94.6%	10, 30	9. 20	0, 11	0, 99	0, 55	9, 75	10, 30	
W0711	lron Step for Drop Inlet Manholes, furnish & installation	each	7.00	8,0%	86.1%	5.9%	63, 0%	37, 0%	58.40	32, 51	352.06	24, 23	257. 34	151.46	408. 80	
W0716	Steel Grate for Manhole Inlet, Furnish & installation	kg	7.87	38, 3%	55, 0%	6.7%	39. 0%	61, 0%	30, 30	91,30	131.26	15, 90	93.00	145, 46	238.46	
	Miscellaneous	1.5	1.00	-				~~ ~		0, 00,	0.00	0.00	0.00	0.00	0.00	0.0%
	Total							_		4, 463, 85	8, 622, 85	1, 416, 23	4,813,00	9, 689, 93	14, 502, 93	
	Components (%)									30.8%	59, 5%	9.8%	33. 2%	66, 8%	100.0%	
	Unit Rate	each						1 1		4, 402, 95	8,621,111	1,415,94	4, 812, 03	9, 687, 97	14, 500, 00	

# 502(2)a24 Drop inlet Manhole for RCPC 2-4910 x 1-4610

							nit Raie	<u> </u>				<u>Amotin</u>	<u>l</u>	·····		
Lenn No.	Description	Unit,	Quantity			ponenL			Total		<u> </u>	Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.		Local	<u>(PP)</u>	Labor	Material	Equipment	Foreign	Local	(PP)	
¥0161	Gravel Foundation Fill	m3	0, 00	21.8%	13.1%		39.0%		390, 00	0, 00	0, 00	0.00	0.00	0.00	0.00	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0.00	2.6%	80, 9%	16, 6%	56.6%	43, 4%	1, 450, 00	0.00	0.00	0. 00	0. 00	O, 110	0, 00	Loss 2
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00	18, 8%	0, 2%	81.0%	43. 4%	56. 6%	213.00	0, 00	0.00	0.00	0, 00	0,00	0, 80	
¥0236	Concrete Curing (plain concrete)	m3	0.00	70, 9%	8, 7%	20.4%	16.0%	84, 0%	8.85	0.00	0.00	0. 110	0, 00	0, 00	0,00	
¥0243	Formwork (lean concrete)	m2	0, 00	41.3%	58.0%	0.8%	3.8%	96.2%	152,00	0.00	0,00	0.00	0.60	0.00	0.00	
¥0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	2. 99	2.4%	82, 3%	15, 3%	56, 9%	43.1%	1,570.00	111.12	3, 865, 30	717.88	2, 670, 89	2, 023, 41	4, 694, 30	1.055 I
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m.I	2, 93	15.5%	0, 2%	84. 3%	45. 2%	54.8%	257. 00	116. 98	1. 48	634.55	340, 86	412.95	753.01	
W0237	Concrete Curing (reinforced concrete)	m3	2.93	74.6%	7, 6%	17.8%	14.0%	86. 0%	4. 21	9, 21	0.94	2. 19	1. 72	10. 62	12.34	
¥0241	Farmwork (reinforced concrete HK4m)	m2	25.72	59.3%	39, 9%	0, 8%	2.9%	97.1%	224, 00	3, 415, 63	2, 300. 46	45.19	168.12	6, 593, 16,	5, 761, 28	
W0751	Concrete Nollow Block (150x200x400mm), furnish & Laying including mortar fill	each	65. 00	18. 2%	50, 0%	1, 8%	19.0%	81.0%	39, 00	L, 222. 92	1, 267. 05	45. 03	480. 67	2, 054. 33	2, 535. 00	
W0251	Reinforcement Grade 40, cutting, bonding & assembly	kg	135.00	15. 2%	77.0%	7.8%	54.0%	16.0%	23. 30	477, 70	2, 422. 20	245. 59	1, 698, 41	1, 447. 09	3, 145, 50	
W0701	Precast Concrete Cover (580x480x70), furnish	cach	1, 90	1.3%	91, 2%	7.6%	63. 0%	37.0%	<b>₹16.00</b>	1, 45	105, 74	8, 81	73, 06	42.94	116.00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1,00	89, 3%	1, 1%	9, 6%	5. 4%	94.6%	10. 30	9. 20	Ű, LI	0. 99	0. 55	9.75	10. 30	
W0711	lrow Step for Drop Inict Manholes, furwish & installation	each	8, 00	8.0%	86, 1%	5, 9%	63, 0%	37, 0%	58. 40	37. 16	402, 36	27. 69	294. 11	173.09	467.20	
W0716	Steel Grate for Manhole lulet, furnish & installation	ikg	9, 14	38, 3%	55, 0%	6, 7%	39, 0%	61.0%	30, 30	106. 04	152, 44	18. 46	108, 01	168, 93	276, 94	
	Miscollaneous	LS	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									5, 507, 41	10, 518, 07	1,746.38	5, 835. 59	11, 936. 28	17, 771, 87	
	Components (%)									31.0%	59.2%	9. 8%	32.8%	67.2%	100.0%	
	Unit Rate	each						T		5, 516, 13	18, 534. 72]	1, 749, 15	5, 844, 83	11,955.17	17,800.00	

						. U	nit Rate						it			
tem No,	Description	Unit	Quantity			ponent (			Total	·····		Camponent (PP)			Total	Remarks
						Equip.		Local	(PP)	l.abor	Material	Equipment	Foreign	Local	(PP)	
W0161	Gravel Fnundation Fill	m3	00	24.8%		62.1%			390.00	0,00	0, 1/0	0, 00	0, 00]	0.00	0,00	
₩0201	Lean Concrete (170Pa, max agg.38mm)	m3	0.00	2.6%	80. 9%	16.6%	56, 6%	43.4%	1, 450. 00	0.00	0.00	0, 00	0, 00	0, 00	0, 00	Loss 2.
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0. 00	18.8%	0, 2%	81, 0%	43, 4%	56, 6%	213,00	0.00	0.00	D. 00	n, on	0, 00	0.00	
¥0236	Concrete Curing (plain concrete)	m3	0.00	70, 9%	8.7%	20.4%	16.0%	84, 0%	8.85	0, 00	0.100	0.00	0, 00]	0.00	0, 00	
W0243	Fornwork (lean concrete)	m2	0, 00	41.3%	58.0%		3.6%	96, 2%	152,00	0, 00	0, 00	0.00	0, 00	0.00	0, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	3, 51	2.4%	82, 3%	15, 3%	56, 9%	43. 1%	1, 570, 00	130.45	4, 537, 53	842. 73	3, 135, 39	2, 375. 31	5, 510, 70	Loss 2.
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	т3	3. 44	15.5%	0, 2%	84, 3%	45, 2%	54.8%	257.00	137, 34	1, 73	745. 00	399. 25	484. 83	884. 08	
¥0237	Concrete Curing (reinforced concrete)	mЭ	3, 44	74.6%					4.21	10, 81	1.10	2.57	2.02	12.46	14.48	
¥0241	Formwork (reinforced concrete H(4m)	i m2	30.40	59.3%	39, 9%	0.8%	2.9%	97.1%	224.00	4, 037, 14	2,719.05	53. 41	198, 71	6, 610. 89	6, 809, 60	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	71.00	48. 2%	50.0%	1.8%	19. 0%	81.0%	39, 00	1, 335, 81	1, 384. 01	49. 19	525.04	2, 243, 96	2, 769. 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	152. 15	15.2%	77.0%	7.8%	54, 0%	46.0%	23. 30	538, 39	2, 729. 92	276. 79	1, 914, 17	1, 630, 93	3, 545. 10	
W0701	Precast Concrete Cover (580x480x70), furnish	each	1, 00	1.3%	91.2%	7.6%	63.0%	37.0%	116.00	1.45	105, 74	8. 81	73.06	42, 94	116, 00	
WU702	Precast Concrete Cover (580x480x70), justallation	cach	ι.α.	89, 3%	1.1%	9. 6 <b>%</b>	5.4%	94.6%	10.30	9. 20	Q. 1 L	0, 99	Q. 55	9, 75	10, 30	
W0711	lron Step for Drop Inlet Manholes, furnish & installation	each	9.00	8.0%	86, 1%	5, 9%	63, 0%	37, 0%	58. 40	41.80	452, 65	31, 15	330, 87	194, 73	525.60	
W0716	Steel Grate for Manhole Inlct, furnish & installation	kg	10. 42	38. 3%	55. 0%	6, 7%	39, 0%	61.0%	30, 30	120. 89	173, 79	21.05	123.14	192. 59	315. 73	
	Wiscellaneous	LS	1.00							0, 00	U. 00	0.00	0.00	0, 60	0, 00	0.0%
	Total									6, 363, 28	12, 105. 63	2,031.69	6, 702, 20	13, 798. 39	20, 500. 59	
	Components (%)									31.0%	<u>59, 1%</u>	9.9%	32.7%	67.3%	100.0%	
	Unit Rate	each								6, 363, 09	12, 105, 28	2,031.63	6, 702, 61	<u>13, 797, 99</u>	20, 500, 00	

502(2)a26	Drop Inlet Manhole for RCPC 2- \$1220 x	l- \$61	0										<u>Unit:</u>	1, 08	each	
[						<u>U</u>	hit Rate					Алюц	<u>nt</u>			
Item No.	Description	Unit	Quantity		Cos	ponent	(%)		<b>Total</b>			Component (PP)			Total	Remarks
\	1			Lab.	Mat,	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0161	Gravel Foundation Fill	m3	0.00	24.8%	13.1%	62.1%		61.0%		0.00	0.00	0.00	0, 00		0,00	
\$0201	Lean Concrete (17MPa, max agg.38mm)	m3	0, 00	2.6%	80.9%	16.6%	56, 6%	43, 4%	1, 450. 00	0.00	0.00	(1, 00)	0.00	0.00	0, 00	Loss 2.0%
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 00	18.8%	0.2%	81, 0%	43, 4%	56, 6%	213.00	0.00	0.00	4, 00	0.00	0, 00	0, 00	
#0236	Concrete Curing (plain concrete)	n 3	0,00	70, 9%	8.7%	20.4%	16.0%	84, 0%	8.85	0, 00	0, 00	0, 00	0.00	a, oo	0.00	
W0243	Formwork (lean concrete)	m2	0.00	41, 3%	58, 0%		3.8%	96, 2%	152.00	0.40	0, 00	0.00	0, 00	0, 00	0, 00	
¥0263	Concrete (Class A, 21MPa, max agg.38mm)	m3	4.18	2, 4%	82.3%	15.3%	56, 9%	43.1%	1, 570. 00	155, 35	5, 103, 66	1,003,59	3, 733, 88	2, 828, 72	6, 562, 60	Loss 2.0%
¥0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	4, 10	15, 5%	0.2%	81.3%	45, 2%	54. 8%	257.00	163, 70	2.07	887, 94	475, 85	577, 85	1, 053. 70	
W0237	Concrete Curing (reinforced concrete)	m3	4, 10	74, 6%	7.6%	17.8%		86, 0%	4, 21	12.88	1. 31		2.41	14, 85	17.26	
W0241	Formwork (reinforced concrete K<4m)	m2	37, 30	59. 3%	39, 9%	0, 8%	2, 9%	97.1%	224.00	4, 953, 47	3, 336, 20	65, 53	243. 81	8, 111, 39	8, 355, 20	i
W0751	Concrete Hollew Block (150x200x400mm), furnish & Laving including mortar fill	each	78, 00	48. 2%	50.0%	1.8%	19, 0%	81, 0%	39. 00	l, 467, 51	1, 520. 46	54.03	576. 81	2, 465, 19	3, 042, 00	
WQ261	Reinforcement Grade 40, cutting, bending & assembly	kg	171.81	15, 2%	77.0%	7.8%	54.0%	46.0%	23, 30	607.96	3,082,66	312, 56	2.161,51	1,841.66	4,003,17	
W0701	Precast Concrete Cover (580x480x70), furnish	each	1.00	1, 3%	91, 2%	7.6%	63.0%	37.0%	116, 00	1.45	105, 74	8.81	73, 06	42.94	116.00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1.00	89. 3%	1.1%	9, 6%	5.4%	94.6%	10, 30	9. 20	0, 11	0.99	II, 55	9, 75	10, 30	
₩0711	fron Step for Drop Inlet Manholes, furnish & installation	each	10, 00	8.0%	86.1%	5, 9%	63, 0%	37.0%	58, 40	46, 45	502, 95	34. 61	367, 64	216, 36	584.00	
₩0716	Siccl Grate for Manhole Inlet, furnish & installation	kg	11.91	38, 3%	55.0%	6. 7%	39, 0%	61.0%	30. 30	138. 17	198.64	24, 06	140. 74	220, 13	360. 87	
	Miscellaneous	LS	1,00							0.00	0.00	II, 00	0.00	0, 00	0.00	0.0%
	Total									7, 556, 12	14, 153, 79		7, 776, 25			
	Components (%)	L								31.3%	58.7%	9, 9%	32. 3%	67, 7%		
	Unit Rate	each					_			7, 554, 52	14, 150, 80	2, 394, 68	7, 774, 61	16, 325, 39	24, 100, 00	

(2) <u>a 2</u> 7	Drop Inlet Manhole for RCPC 2-\$1520 x	<u> </u>	·				nit Rate					Апош	Unit:	<u>1,00 c</u>	igen (	
Item No.	Description	Unit	Quantity		Con	ponent (		T	Total			Component (PP)	<u>.                                    </u>		Total	Remarks
			4.0001000	Lah,		Equip.	For.	Local	(PP)	l.abor	Material	Equipment	Foreign	Local	(PP)	
WQ161	Gravel Foundation Fill	m3	0.00	24, 8%	13.1%	62.1%			390. VO	0, 80	0.00	0,00	0.00	0,00	0.00	
W0201	Lean Concrete (17MPa, max agg. 38mm)	mЗ	0.00	2, 6%	80.9%	16.6%	- 56, 6%	43, 4%	1, 450, 00	0, 00	0.00	u, no[	0, 00	0, 001	0, 00	Loss
W0231	Concrete Pouring by Pump Vehicle (plain   concrete)	<del>n</del> 3	<b>8, 9</b> 0	18, 8%	0, 2%	81.0%	43.4%	56, 6%	213.00	o. aa	0.93	0.00	0, 40	0, 00	0.00	
W0236	Concrete Curing (plain concrete)	m3	0, 00	70, 9%	8.7%	20.4%		84.0%	8.85	0, 00	0.00	0, 00	0, 80	0, 00	0.00	
WO243	Formwork (lean concrete)	m2	0, 00	41.3%	56.0%	0.8%	3, 8%	96.2%	152.00	0.00	0, 00	0.00	0,00	0.00	0.00	
WO203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	5.52	2.4%	82.3%	15.3%	56.9%	43.1%	1, 570.00	205, 15	7, 135, 94	1, 325, 31	4, 930, 87	3, 735, 53	8,666.40	Loss
W0232	Concrete Pouring by Pump Vehicle (teinforced concrete)	m3	5, 41	15, 5%	0.2%	84, 3%	45, 2%	54.8%	257, 00	216.00	2.73	1, 171.65	627, 89	762.48	1, 390, 37	
W0237	Concrete Curing (reinforced concrete)	m3	5.41	74.6%	7.6%	17.8%	14.0%	B6. O%	4, 21	17.80	1. 73	4.05	3.18	19, 60	22.78	
W0241	Formwork (reinforced concrete H<4m)	m2	50.80	59, 3%	39.9%	0, 8%	2, 9%	97.1%	224.00	6, 746, 28	4, 543, 67	89.25	332, 05	11,047,15	11, 379, 20	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each	90.00	48.2%	50, 0%	1.8%	19.0%	81.0%	39, 00	1, 693. 28	1, 754, 38	62, 35	665, 55	2, 844, 45	3, 510. 00	
W0251	Reinforcement Grade 40, cutling, bending & assembly	kg	217, 77	15. 2%	77, 0%	7.8%	54.0%	<b>16. 0%</b>	23, 30	770. 59	3, 907. 28	396. 17	2, 739. 72	2, 334, 32	5, 074, 04	
W0701	Precast Concrete Cover (580x480x70), furnish	each	1,00	1, 3%	91.2%	7.6%	63.0%	37, 0%	116.00	1.45	105, 74	8.81	73, 06	42. 94	L14i, 00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1.00	89. 3%	L. 1%	9,6%	5.4%	94, 6%	10, 30	9, 20	0, 11	0, 99	0.55	9, 75	10. 30	
W0711	lron Step for Drop Inlet Manholes, Furnish & installation	each	11.00	8.0%	86, 1%	5.9%	63,0%	37.0%	58.40	51.09	553, 24	38, 07	401. 40	238, 00	642.40	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	14. 44	38, 3%	55.0%	6, 7%	39. 0%	61.0%	30, 30	167.53	240, 83	29. 17	170, 64	266. 89	437. 53	
	Miscellancous	LS	1.00							0.00	<u>(1, 00</u>	0.00	0.00	0. <u>00</u>	0,00	0.0%
	Total									9, 877. 56	18, 245, 66	3, 125. 81	9, 947. 91	21,301,11	31, 249, 02	
	Components (%)			L						31.6%	58.4%	10.0%	31.8%	68, 2%	100, 0%	
	Unit Rate	each								9, 862, 06	18, 217, 03	3, 120, 91	9, 932, 30	21, 267. 70	31, 200, 00	

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502(2)bl Special Junction Box Manhole for RCPC\_1-\$460 x 1-\$460

1.00 each Unit: Unit Rate Amount Սոi t Item No. Description Quantity Component (%) Tota Component (PP) Total Remarks Lab. Mat. Equip. For, Local (PP) Labor Material Equipment Foreign Loca l (PP)W0[6] Gravel Foundation Fill m3 0.00 24.8% 13 1% 62 181 39.0% 61.0% 390,00 0,00 0.00 0.80 0.00 0,40 0,00 0, 00 0,00 0.00 Loss 2.0% Lean Concrete (17MPa, max agg. 38mm) m3 0.00 2.6% 16, 6%) 56, 6% 1, 450, 00 (I, OO 0.00 0,00 W0201 80.9% 13.4% Concrete Pouring by Pump Vehicle (plain W0231 m3 43. 4% 56. 6% 213.00 0, 00 0,000,00 18.83 81.0% 0.00 B, 00 0,00 0.2% 0.00 concrete) W0236 Concrete Curing (plain concrete) т3 0.00 70.9% 8.7% 20, 4% 16.0% 84.0% 8.85 0, 00 0, 00 0, 00 0,00 0.00 0.00 ¥0243 Formwork (lean concrete) **m**2 0, 00 41.3% 58.0% 0,8% 3, 8% 96.2% 152,00 0,00 0.00 0.00 0.00 0,00 0,00 W0203 Concrete (Class A, 21MPa, max agg. 38mm) mЗ 0.44 2.4% 82, 3% 15, 3% 56.9% 43.1% 1, 570, 00 16.35 568, 81 105, 64 393, 64 297, 76 690, 80Loss 2.0% Concrete Pouring by Pump Vehicle W0232 т3 0, 43 15.5% 0,2% 84, 3% 45.2%] 54.8% 257.00 17.17 0.22 93.13 49, 91 60.60 110, 51 (reinforced concrete) W0237 Concrete Curing (reinforced concrete) m3 41, 43 74.6% 7.6% 17.8% 14.0% 86.0% 4.21 1.35 0.32 0.25 1, 56 1.81 0.142, 93 0.8% 389, 11 637, 17 656, 32 W0241 Formwork (reinforced concrete B<4m) т2 59.3% 39.9% 2.9% 97.1% 224,00 262.07 5, 15 19.15 Concrete Hollow Block (150x200x400mm). W0751 each 94, 00 48.2% 50.0% 1.8% 19.0% R1.0% 39, 00 1, 768. 53 1,832.35 65, 12 695.13 2, 970, 87 3, 666, 08 furnish & Laving including mortar fill Reinforcement Grade 40, cutting, bending W0251 kg 77.75 15.2% 77.0% 7.6% 54.0% 46.0% 23.30 275.12 1, 395, 01 141.44 978.16 833.42 1,811,58 & assembly Precast Concrete Cover (680x580x75), 4.7% W0703 1.00 91.2% 60,8% 187.00 170.47 oach 4.2% 39, 2% 7,79 8.74 113, 68 73, 32 187, 00 furnish Precast Concrete Cover (680x580x75), W0704 10.30 9.20 1.10 0.55 9,75 each 1.00 89.3% 0.0% 10.7% 5.4% 94.6% 0,00 10.30 installation Iron Step for Special Junction Box W0712 each 9,00 8, 5% 85.5% 5.9% 62.5% 37.5% 54,40 41,86 418, 73 29.01 306.17 183, 43 489, 60 Manholes, furnish & instaliation LS Miscellaneous 1.00 0. 0 0.00 0.000. O 0, 00 0.00 0,0% 2, 526. 48 4, 647, 79 <u>449</u>.65 2, 556, 03 5, 067, 89 7,623.92 Total Components (%) 33. 5% 66. 5% 33, 19 61.49 5.9% 100.0% each 449.42 7,620.00 Unit Rate 2, 525. 18 4, 645. 40 2, 554, 72 5,065,28

Special Junction Box Manhole for RCPC 1-\$610 x 1-\$460 502(2)b2 linit: L 00 each ∜n<u>it Ř</u>ate Amount. ltem No. Unit Component (PP) Description Quentity Component (%) **Total** Tota Remarks (PP) Lab. Mat. Equip. For, Local (PP)Labor Material Equipment Foreign Local WO161 Gravel Foundation Fill m3 24.8% 39,0% 390.00 0.00 13, 1% 62.1% 61 0% 0.00 0.01 0.00 0.00 0 00 11.00 W0201 Lean Concrete (17MPa, max agg.38mm) m3 0,00 2, 6% 80, 9% 16.6% 56.6% 43, 4% 1,450.00 0,00 0.08 0.00 fl, 00 6,00 0,00 Loss 2.0% Concrete Pouring by Pump Vehicle (plain W0231 mЗ 43, 4% 0.00 18.8% 0.2% 81.0% 56, 6% 213.00 0,00 0.00 0.00 B, O( 0, 00 0.00 concrete) W0236 Concrete Curing (plain concrete) πЗ 70.9% 8.7% 20, 4% 16, 0% 8.85 0.00 0.00 84, 0% 0.00 0.00 11, 00 0,00 0.00 W0243 Formwork (lean concrete) m2 0, 00 41, 3% 58.0% 0.8% 3.8% 96.2% 152,00 0, 00 0, 00 0,40 0.00 0,00 0.00 1, 570, 00 W0203 Coherete (Class A. 21MPa, max agg.38mm) m3 0.58 2.4% B2. 3% 15.3% 56, 9% 43, 1% 21.56 749.79 139.25 518, 10 392, 50 910.60 Loss 2.0% Concrete Pouring by Pump Vehicle W0232 mЗ 0.57 15, 5% 0.2% 84.3% 45,2% 54, 8% 257,0022.75 0.29 123, 45 66.15 80.34 146.49 (reinforced concrete) ₩0237 Concrete Curing (reinforced concrete) mЗ 0, 57 74.6% 7,6% 17.8% ₹1,0% 86, 0% 4.21 1.79 0.43 0.33 2.070 18 2,40 W0241 Formwork (reinforced concrete H<4m) m2 4.12 59, 3% 39.9% 0. R% 2, 9% 97, 1% 224,00 547.14 368.50 7.24 26, 93 895, 95 922.88 Concrete Hollow Block (150x200x400mm), W0751 1.8% each 102.00 48.2% 50, 0% 19, 0% BL 0% 39, 00 1,919.05 1, 988, 29 70.66 754.29 3, 223, 71 3, 978, 00 furnish & Laving including mortar fill Reinforcement Grade 40, cutting, bending WO251 kg 90, 31 15, 2% 77.0% 7.8% 54.0% 46.0% 23, 30319, 56 1,620.36 164.29 1, 136, 17 968, 05 2, 104, 22 & assembly Precasi Concrele Cover (680x580x75), ¥0703 187.00 each 1,00 4.2% 91,2% 4.7% 60, 8% 19.2% 7, 79 170.47 8,74 113.68 73.32 187.00 furnish Precast Concrete Cover (680x580x75), ¥0704 each 1.00 89.3% 0.0% 10.7% 6.4% 94.6% 10.30 9.20 0.00 1.10 0.55 9.75 10.30 installation lron Step for Special Junction Box ₩0712 esch 9,00 8.5% 85.5% 5.9% fi2, 5% 37.5% 54.40 41.86 418.73 29.01 306, 17 183, 43 489, 60 Manholes, furnish & installation Miscellaneous LS 1.00 0.00 0.00 0.00 0.00 0.00 U. 0% Total 2, 890. 70 5, 316, 62 544.17 2, 922, 37 5,829,12 8,751,49 Components (%) 60.8% 33. 0% 6.2% 33.4% 66.6% 100.0% Unit Rate each 2,890.21 5, 315, 71 544.08 2, 921. 87 5,828,13 8,750.00

02(2)53	Special Junction Box Manhole for RCPC 1	- ø 760	x 1~ ø 460										Unit:	1.00	each	
							nit Rate	<u> </u>				Λποι	ιη L			R .
Item No.	Description	Սոււ	Quantily			junent (		<u> </u>	Total	r		Component (PP)	······		Total (PP)	Remarks
				Lab.	Met.	Equip.	For,	Local	(PP)	Lahor .	Material	Equipment	Foreign	Local		
W0161	Gravel Foundation Fill	m3	0.00	24, 8%	13.1%	62.1%			390.00	0. 00	0.00	0.00	0.08	0, 00 0, 00	0, D0 0, 00	Loss 2.0
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	O, (H)	2, 6%	80, 9%	16.6%	56. 6%	43.4%	1,450.00	0, 00	0.00	U, UU	0.00	U, 60	0, 00	Loss 2. u
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 00	18, 8%	1	81.0%	43, 4%		213.00	0.00	0.00	0, 00	0.00	0, 00	0.00	
W0236	Concrete Curing (plain concrete)	m 3	0,00	70, 9%	8.7%	- 20, 4%)	16, 0%	84.0%	8.85	8, 00	0.00	0,00	0.00	0, 00	0.00	
W0243	Formwork (lean concrete)	m2	0,00	41.3%		0.8%			152,00	0.00	0, 10	0.00	ŭ. OO	0.00	0.00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	0.81	2.4%	82, 3%	15, 3%	56.9%	43.1%	1, 570, 00	30.10	1,047.12	194.48	723, 55	548.15	1, 271, 70	Loss 2.0
₩0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0, 79	15.5%	0, 2%	84. 3%	45, 2%	54.8%	257.00	31.54	0, 40	171.09	91,69	111, 34	203, 03	
W0237	Concrete Curing (reinforced concrete)	m3	0.79	74.6%	7.6%	17,8%	14.0%	86.0%	4.21	2.49	0, 25	0.59	0.46	2.87	3, 33,	
¥0241	Formwork (reinforced concrete HC4m)	m2	6.40	<b>59, 3%</b>	39.9%	0.8%	2.9%	97, 1%	224, 00	849, 92	572.43	11.24	41.83	1, 391, 77	1, 433, 60	
₩0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each	109.00	48, 2%	50, 0%	1.8%	<u>19, 0%</u>	81.0%	39. 00	2, 050, 75	2, 124. 74	75, 51	806, 45	3, 444, 95	4, 251.00	
W0251	Reinforcement Grade 40, cutting, hending & assembly	kg	98. 93	15, 2%	77.0%	7.8%	54,0%	46, 0%	23, 30	350. 07	1, 775, 03	179, 97	j, 244. 62	1, 060, 45	2, 305, 07	
W0703	Precast Concrete Cover (680x580x75), furnish	each	1,00	4. 2%	91.2%	4.7%	60, <b>8%</b>	39. 2%	187.00	7. 79	170.47	8.74	113.68	73. 32	187. 00	
¥0704	Precest Concrete Cover (680x580x75), installation	each	1, 00	89. 3%	8.0%	10.7%	5,4%	94.6%	10, 30	9. 20	0, 00	1, 10	0, 55	9, 75	EO. 30	
W0712	Iron Step for Special Junction Box Manholes, furnish & installation	each	10. 00	8, 5%	85.5%	5. 9%	62.5%	37, 5%	54. 10	46, 51	465.26	32, 24	340, 19	203, 81	544.00	
	Miscellaneous	LS	1.00							0,00	<u>a. aa</u>	0.00	0.00	0, 80	0. 00	0.0%
	Total									3, 378. 36	6, 155, 70	674.97	3, 362, 62	6, 846, 41	10, 209, 03	
	Components (%)									33, 1%	60.3%	6, 6%	32, 9%	67.1%	100, 0%	
	Unit Rate	each								3, 375. 38	6, 150, 26	674.37	3, 359, 65	6,840.35	10, 200, 00	

(2) <u>b4</u>	Special Junction Box Manhole for RCPC 1		- + 100				nit Rate					Amour	<u>Unit:</u>	1.00 e		
ltem No.	Description	Unit	Quantity		Сол	ponent (			Total			Component (PP)			Total	Remarks
		1		Lab,		Equip,	For.	l.ocal	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0161	Gravel Foundation Fill		0,00	24.8%	13.1%	62, 1%		61.0%	390, 60	0.00	0, 00	0.00	0,00	0.00	0,00	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0.00	2.6%	80.9%	16.6%	56.6%	43. 4%	1, 450. 00	0, UO	0.00	0, 00	0.00	11, 00	0.00	Loss 2. (
W(1231	Concrete Pouring by Pump Vehicle (plain concrete)	m:T	0.00	18.8%	0.2%	81,0%	43, 4%	56. <del>6</del> %	213,00	0, 80	0.00	0, 00	0, 00	0, 00,	8, 00	
#0236	Concrete Curing (plain concrete)	m3	0.00	70, 9%	8.7%	20.4%		84.0%	8, 85	0, 60	0, 00	0, 00	0.00	D, QO	0.00	
W0243	Formwork (lean concrete).	m2	<u> </u>	41.3%	58.0%	0.8%		96.2%	152.00	0.00	0, 00	0, 00	0.00	0.00	0, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3 ]	I. 06	2.4%	82.3%	15, 3%	56.9%	43.1%	1, 570. 00	39, 39	1, 370, 31	254, 50	946.87	717.33	1,664.20	Loss 2.0
¥0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	I. 04	15, 5%	0. 2%	84. 3%	45. 2%	54.8%	257.00	41, 52	0. 52	225, 23	120, 70	146, 58	267, 28,	
W0237	Concrete Curing (reinforced concrete)	m3	1.04		7.6%	17.8%		96, O%	4.21	3, 27	0, 33	0, 78	0, 61	3. 77	4, 38	
¥0241	Formwork (reinforced concrete HC4m)	rn-2	8, 99	59.3%	39.9%	0, 8%	2.9%	97.1%	224.00	1, 193.88	804.09	15, 79	58, 76	1,955,00	2,013.76	
¥0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	117,00	48. 2%	50. 0%	1, 8%	19.0%	81.0%	39, 00	2, 201, 26	2, 280. 69	81, 05	865, 21	3, 697, 79	4, 563. 00	
¥0251	Reinforcement Grade 40, cutting, bending & assembly	kg	111, 37	15. 2%	77, 0%	7.8%	54. 0%	16. 0%	23, 39	394. 09	1, 998. 23	202. Б1	1, 401, 13	1, 193, 79	2, 594, 92	
W0700	Precast Concrete Cover (680x580x75), furnish	cach	1, 00	4. 2%	91, 2%	4.7%	60, 8%	39. 2%	187.00	7. 79	170, 47	8.74	113, 58	73, 32	187.00	
W0701	Procast Concrete Cover (680x580x75), installation	each	1.00	89, 3%	0.0%	10.7%	5, 4%	94, 6%	10, 30	9, 20	8, 00	1. 10	0, 55	9, 75	10, 30	
W0712	lron Step for Special Junction Box Manholes, furnish & installation	each	11.00	8, 5%	85, 5%	5, 9%	62.5%	37, 5%	54.40	51, 16	511.78	35, 46	374, 20	224, 20	598, 40	
	Miscellaneous	1.5	1.00							0. 00	0.00	0.00	0.00	0, 00	0.00	0.0%
	Tatal									3, 941, 56	7, 136. 42	825.27	3, 881. 71	8,021.53	11, 903, 24	
	Components (%)									33.1%	60, 0%	6.9%	32.6%	67, 4%	100.0%	
	Unit Rate	each								3, 940, 48	7, 134, 48	825, 04	3, 880. 66	8, 019, 94	11,900.00	

2) b5	Special	Junction Bo:	c Manhole	for RCPC_	1- \$ 1070 x	1- o 460

	Special Junction Box Manhole for RCPC_L					U.	nil Rate					Aniout	it.			
Item No.	Description	Unit	Quantity		Cor	ponent	%)		Total			Component (PP)			Total	Remarks
			_	Lab.	Mat.	Equip.	For.	Local	(145)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0161	Gravel Foundation Fill	n3	0.00	24.8%	13, 1%	62.1%	39.0%		390.00	0,06	0.00	0, 00	0.00	0.00	0, 00	
W0201	Lean Concrete (17MPa, max agg.38mm)	n3	0, 00	2.6%	80, 9%	16.6%	56.6%	43.4%	1, 450, 00	0.00	0.00	0.00	0,40	0, 00	0,00	Loss 2.
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 80	18, 8%	0, 2%	81.0%	43. 4%	56.6%	213, 00	0.00	0.00	0.00	0, 00	0, 00	0, 00	
W0236	Concrete Curing (plain concrete)	m3	0, 00	70, 9%		20.4%	16.0%	84.0%	8, 85	Ŭ, OĐ	0.00	0.00]	o, un]	0,00	0,00	
W0243	Formwork (lean concrete)	m2	Ö, 00	41.3%	58, 0%	0.8%	3, 8%	96, 2%	152,00	0, 09	0.00	0. 130	0.40	0.00	0.00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	1.24	2.4%	82.3%	15, 3%	56.9%	43.1%	1, 570, 00	46, 08	1, 683, 00	297.72	1, 107, 66	839, 14	1, 946, 80	Loss 2.
¥0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	ா3	1. 22	15. 5%	D, 2%	84. 3%	45. 2%	54, 8%	257. 00	48. 7)	0, 61	264. 22	141. 59	171.95	313, 54	
¥0237	Concrete Curing (reinforced concrete)	m3	1.22	74.6%	7.6%	17.8%	L4. 0%	86.0%	4, 21	3. 84	8, 39	0.91	0.72	4.42	5.14	
¥0241	Formwork (reinforced concrete 1K4m)	m2	10.75	59.3%	39.9%	0.8%	2.9%	97.1%	224, 00	1, 427. 61	961.51	18, 89	70, 27	2, 337, 73	2, 408, 00	
¥0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each	126.00	48. 2%	50. 0%	1.8%	19.0%	81, 0%	39, 00	2, 370, 59	2, 456, 13	87. 29	931. 77	3, 982. 23	4, 914, 00	
WO251	Reinforcoment Grade 40, cutting, bending & assembly	kg	118.57	15. 2%	77,0%	7.8%	54.0%	46, 0%	23. 30	419, 56	2, 127. 41	215.70	1, 491. 71	1, 270, 97	2, 762, 68	
W0703	Precast Concrete Cover (680x580x75), furnish	each	t.00	4. 2%	91, 2%	4, 7%	60, 8%	39, 2%	187.00	7, 79	170. 47	8. 74	113, 68	73. 32	187. 00	
W0704	Precast Concrete Cover (680x580x75), installation	oach	1.00	89. 3%	0.11%	10. 7%	5, 4%	94, 6%	10. 30	9, 20	0, 00	L. 10	0. 55	9. 75	10, 30	
W0712	from Step for Special Junction Box Manholes, Furnish & installation	each	12.00	8, 5%	85, 5%	5, 9%	62.5%	37.5%	54, 40	55, 81	558, 31	38, 68	408, 22	244. 58	652, 80	
	Miscellaneous	1.S	1,00							0, 00	0.00	<u> </u>	0,00	0.00	0.00	0.0%
	Total	L	-							4, 389, 19	7, 877, 83	933, 25	4, 266, 16	8, 934, 10	13, 200, 26	
	Components (%)									33, 3%	59.7%	7.1%	32, 3%	67.7%	100.0%	
	línit Rate	each								4, 389, 10	7, 877, 67	933. 23	4, 266, 08	8, 933, 92	13, 200, 00	

		1				Ű	il Rate					Amoun	t			
Item No.	Description	Unit	Quantity		Com	ponent (	<u>%)</u>		Total			Component (PP)			Total	Remarks
				Lal.	¥at.	Equip.	For.	Local	(99)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0161	Gravel Foundation Fill	m3	0.00	24.8%	13.1%	62, 1%	39, 0%	61.0%	390.00	0, 00	0, 00	0.00	0, 00	0.00	0.00	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3 (	0, 80	2.6%	80, 9%	16.6%	56,6%	43. 4%	1, 450. 00	0, 00	0.00	0, 00	0. 60	0.00	0.00	Loss 2.
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 00	18, 8%	0, 2%	81, 0%	43. 4%	56.6%	213.00	0, 00	0. 00	0. DO	0.00	0.00	0.00	
W0236	Concrete Curing (plain concrete)	m3	0, 90	70.9%	8, 7%	20.4%	16.0%	84.0%	8, 85	0, 08	0.00	0,00	0, 00	0.00	0, 00	
W0243	Formwork (lean concrete)	) m2 ]	0,00	41.3%	58.0%	0.8%	3,8%	96.2%	152.00	0,00)	0.00]	0, 00)	0. UQ)	0, 00]	0.00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	1, 54	2.4%	82, 3%	15.3%	56,9%	43.1%	1, 570, 00	57.23	1, 990. 82	369, 74	1, 375, 64	1, 042. 16	2, 417.80	Loss 2.
W0232	Concrete Couring by Pump Vehicle (reinforced concrete)	m3	1, 51	15, 5%	0. 2%	81.3%	45, 2%	54, 8%	257.00	60, 29	0, 76	327. 02	175. 25	212.82	388.07	
#0237	Concrete Curing (reinforced concrete)	m3	1.51	74.6%	7,6%	17.8%	14.0%	86,0%	4.21	4, 75	0.48	1.13	0, 89	5. 47	6, 36	
W0241	Formwork (reinforced concrete IK4m)	m2	13, 85	59, 3%	39.9%	0.8%	2, 9%	97, 1%	224.00	1, 839, 29	1, 238, 78	24, 33	90. 53	3, 011, 87	3, 102, 40	
W0751	Concrete Hallow Block (150x200x400mm), Furnish & Laving including mortar fill	each	134.00	48. 2 <b>%</b>	50.0%	1.8%	19, 6%	81.0%	39.00	2, 521, 10	2, 612, 07	92. 83	990, 93	4, 235, 07	5, 226. 00	
#0251	Reinforcement Grade 40, cutting, bunding & assembly	kg	127.59	15, 2%	77.0%	7.8%	54.0%	46. OH	23. 30	451, 48	2, 289, 25	232, 11	1, 605. 19	I, 367, 66 <sup>3</sup>	2, 972, 85	
W0703	Precast Concrete Cover (680x580x75), furnish	each	1.00	4.2%	91. 2%	4.7%	60, 8%	39. 2%	187.00	7, 79	170. 47	8. 74	113, 68	73. 32	187, 00	
W0704	Precast Concrete Cover (680x580x75), installation	each	1,00	89. 3%	0.0%	10. 7%	5, 4%	94.6%	10. 30	9. 20	0. 00	1. 10	0, 55	9, 75	10.30	
W0712	Iron Step for Special Junction Box Manholes, furnish & installation	each	13, 00	8.5%	85. 5%	5, 9%	62, 5%	37.5%	54.40	60, 46	604. 83	41. 91	142. 24	264, 96	707. 20	
	Miscellancous	LS	<u> </u>							<u> </u>	0.08	8.00	0.00	0, 00	0.00	0, 0%
	Total									5,011.59	8, 907. 47	l <u>, 098. 92</u>	4, 794, 89	10, 223. 09	[5, 017, 98]	
	Components (%)								· · · · ·	33.4%	59, 3%	7.3%	31.9%	68.1%	100.0%	
	Unit Rate	each			-					5, 005, 59	8, 896, 81	1,097.60	4, 789, 15	10, 210, 85	15, 000, 00	

(2)67	Special Junction Box Manhole for RCPC 1	- <b>ф</b> 152	0 x 3- \$ 460						. <u> </u>				Unit	1.00	each	
		<b>.</b>					<u>nit Rate</u>					Amou	<u>nt</u>			
Lem No.	Description	Unit	Quantity	1.1		ponent Equip.		Local	Total (PP)	Labar	Material	Component (PP)	theme is a second	Local	Total (PP)	Remarks
WO161	Gravel Foundation Fill	m3	0,00	l.ah.				61.0%	390, 00	Labor 0.00	0.00	Equipment 0.00	Foreign 0.00	0.00	0.00	
W0201	Lean Concrete (17MPa, max agg, 38mm)	m3	0.00	24.8% 2.6%				43.4%	1, 450, 00	0.00	0,00		0,00	0,00	0.00	Loss 2.
				2.07	60, 270	10, 0/4	00. 0.4	43. 48								1.085 4
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00	18. 8%	0.2%	81.0%		56, 6%	213.00	0, 00	0.00		0, 00	0, 00	0.00	
W0236	Concrete Curing (plain concrete)	m3	0,00	70.9%	8, 7%	20,4%		84, 0%	8. 85	0, 08	0.00		0, 80	0.00	0,80	
WO243	Formwork (lenn concrete)	m2	0.60	41.3%	58.0%	0,8%		96.2%	[52, 08	0.00	0.00		0.00	0,00	0, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	mЗ	2, 36	2.4%	82.3%	15, 3%	56.9%	43, 1%	1, 570. 00	87.71	3, 050, 87	566, 62	2, 108. 13	1, 597, 07	3, 705. 20	Loss 2
N0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	2. 31	15, 6%	0,2%	84. 3%	45.2%	54, 8%	257.00	92. 23	1, 16	500, 28	268.10	325, 57	593.67	
W0237	Concrete Curing (reinforced concrete)	m3	2.31	74,6%	7.6%	17.8%	14.0%	86, 0%	4, 21	7. 26	11, 74	1, 73	1.36	8, 37	9.73	
₩0241	Formwork (reinforced concrete H<4m)	m2 -	19, 81	59.3%	39,9%	0, 8%	2.9%	97.1%	224.00	2,630.78	1, 771, 85	34.80	129, 49	4, 307. 95	4, 137, 44	
<b>#0751</b>	Concrete Rollow Block (150x200x400mm),		140.00		1		10.07	01.05	39.00		0.004.47	102.001		1 100 15	r 1111 00	
#0191	furnish & Laving including mortar fill	each	149.00	48.2%	50, 0%	1.8%	19,0%	81.0%	39.00	2, 803, 31	2,904.47	103, 22	1, 101, 85	4,709,15	5, KU .00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	522. 02	15.2%	77.0%	7, 8%	54. 0%	46, 0%	23. 30	1, 847, 19	9, 366. 22	949.66	6, 567, 44	5, 595. 63	12, 163, 07	
W0703	Precast Concrete Cover (680x580x75), Furgish	cach	L.00	4.2%	91, 2%	4. 7%	60. 8%	39, 2%	187.00	7. 79	170, 47	8. 74	113, 68	73. 32	187, 00	
¥0704	Precest Concrete Cover (680x580x75), installation	each	1.00	89, 3%	0, 0%	10, 7%	5. 1%	94.6%	10, 30	9. 20	0.80	1, 10	41, 55	9.75	10, 30	
₩0712	lron Step for Special Junction Box Mapholes, furnish & installation	each	14. 00	8, 5%	85. 5%	5, 9%	62. 5%	37.5%	51, 40;	65. (1	651.36	45, 13	476, 26	285, 34	761,60	
	Miscellaneous	1.S	1,00							0.00	0.00	0.00	0,00	0.00	0,00	0, 0%
	Total									7, 550, 58	17, 917, 14	2, 211, 29	10, 766, 85	16, 912, 16	27, 679, 01	
	Components (%)									27.3%	64.7%	8.0%	38, 97	61.1%	100.0%	
	Unit Rate	cach								7, 556, 30	17, 930, 73	2, 212, 97	10, 775, 01	16, 924, 99	27, 700, 00	

						10	nit Rate					Anou	۱ŧ			
ltem No.	Description	Unit	Quantity		Con	iponen t 🗐	(%)		Total			Component (PP)			Total	Remarks
				Lab.		Equip.	for.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0161	Gravel Foundation Fill	m3	Ó. ÚÖ	24.8%	13, 1%	62. [%	39, 0%		390, 00	0, 00	0.00	0, 00	0.00	0,00	0.00	
W0201	Lean Concrete (17MPa, max agg.38mm)	mЗ	0.00	2, 6%	80, 9%	16.6%	56. 6X	43.4%	1, 450, 00	0.08	0.00	0.00	0,00	0.00	0, 00	Loss
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 80	18, 8%	0, 2%	81.0%	43, 4%	56. <del>6</del> %	213.00	0.00	0, 00	0, 00	0, 00	0.00	0.00	
W0236	Concrete Curing (plain concrete)	m3	0, 00	70, 9%	8, 7%	20.4%	16.0%	84.0%	8.85	0, 08	Ō. 00	0, 00	0,00	0,00	0, 00	
WO243	Formwork (lean concrete)	m2	0.00	41.3%	58, 0%	0.8%	3, 8%	96.2%	1 <b>52</b> , 00	0.00	0, 00	0.00	0,00	0,00	0.00	
₩0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	0.67	2, 4%	82.3%	15.3%	56,9%	43, 1%	1, 570, 00	24, 90	866.14	160, 86	598, 49	453, 41	1,051.90	Loss
¥0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0.66	15. 5%	0, 2%	84. 3%	45, 2%	54.8%	257, 00	26. 35	0, 33	142. 94	76, 60	93, 02	169.62	
W0237	Concrete Curing (reinforced concrete)	m.3	0.66	74.6%	7,6%	17.8%	14.0%	86.0%	4, 21	2.07	0, 21	0.49	0, 39	2, 39	2. 78	
W0241	Formwork (reinforced concrete H<4m)	m2	4.51	59, 3%	39, 9%	0.8%	2.9%	97.1%	224.00	598, 93	403, 39	7.92	29.48	980.76	1, 010, 24	
₩0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	±10, 00	48, 2%	50, 0%	1.8%	19, 0%	81.0%	39. 00	2, 069. 56	2, 144. 24	76, 20	813, 45	3, 476, 55	4, 290, 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	100.94	15, 2%	77.0%	7.8%	54.0%	46. 0%	23. 30	357. 18	ι, θι ι. 09	183. 63	1, 269, 94	1, 081. 99	2, 351, 90	
W0703	Precast Concrete Cover (680x580x75), furnish	cach	1.00	1.2%	91, 2%	4.7%	60, 8%	39. 2%	187.00	7.79	170. 47	8. 74	113, 68	73. 32	187.00	
W0704	Precast Concrete Cover (680x580x75), installation	each	1.00	89. 3%	u, 0%	10, 7%	5.4%	94.6%	10, 30	9. 20	0.00	1.10	0, 55	9. 75	10, 30	
¥0712	Tron Step for Special function Box Manholes, furnish & installation	each	9, 00	8, 5%	85. 5%	5,9%	62, 5%	37, 5%	54.40	41, 86	418.73	29, 01	306. 17	183, 43	489.60	
	Miscellaneous	tS	1,00							0, 00	0.00	0.00	0.00	0.00	0.00	0, 00%
	Total									3, 137, 84	5, 814. 59	610, 91	3, 208, 71	6, 354, 63	9, 563, 34	
	Components (%)			_						32.8%	60.8%	6. 4%	33, 6%	66, 4%	100.0%	
	Unit Rate	each								3, 136, 75	5, 812, 56	610, 69	3, 207. 59	6, 352, 41	9, 560, 00	

# 502(2)h13 Special Junction Box Manbole for RCPC 1-#760 x 1-#610

						Ū	nit Rate	,				Amour	1L _			
ltem No.	Description	Unit	Quantity		Сог	ponent	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat,	Equip.	For.	Local	(PP)	l.abor	Materiat	Equipment	Foreign	l.ocal	(PP)	
W0161	Gravel Foundation Fill	m3	0.00	24.8%		62, 1%	39,0%	61.0%	390.00	0, 00	0.00]	0, 00	0, 00	0.00	0.00	
W020	Lean Concrete (17MPa, max agg.38mm)	m3 5	0. 00	2.6%	80,9%	16.6%	56.6%	43.4%	1, 450, 00	0, 00	0.00	0.00	0.00	0, 10	0, 00	1.055
W0231	Concrete Pouring by Pump Vehicle (plain sconcrete)	m3	0. 00	18. R%	0, 2%	81.0%	43, 4%	56.6%	213.00	0.00	0, 00	0.00	ο. αα	0.00	0, 00	
W0236	Concrete Curing (plain concrete)	m3	0.00	70, 9%		20.1%	16.0%	81.0%	8, 85	0, 00	0.00	0.00	0.00	0, 00	0, 00	
W0243	Formwork (lean concrete)	m2	0.00	41.3%		0,8%	3, 8%	96, 2%	152, 00,	U. 00	0.00	0, 01)	0, 00	0,00	0.00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	0.92	2.4%	82, 3%	15, 3%	56, 9%	43. 1%	1, 570. 00	34, 19	1, 189, 32	220, 89	821.81	622, 59	1, 444, 40	Loss
₩0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0, 90	15.5%	0, 2%	84. 3%	45. 2%	54.8%	257.00	35, 93	0, 45	194. 91	104. 45	126, 85	231, 30	
¥0237	Concrete Curing (reinforced concrete)	m3	0, 90	74.6%		17.6%	14.0%	86. O%	4, 21	2.83	0, 29	0, 67	0, 53	3.26	3. 79	
¥0241	Formwork (reinforced concrete H<4m)	m2	6.97	59, 3%	39, 9%	0, 9%	2, 9%	97.1%	224.00	925, 62	623, 41	12.25	45. 56	1, 515, 72	1, 561, 28	
W0751	Concrete Noblaw Black (150x200x400mm), furnish & Laving including mortar fill	each	117.00	48, 2%	50, 0%	1.8%	19.0%	81.0%	39, 00	2, 201, 26	2, 280. 69	81.05	865, 21	3, 697, 79	4, 563. 00	
¥025 i	Reinforcement Grade 40, cutting, bending & assembly	kg	110, 23	15, 2%	77,0%	7.8%	54, 0%	46.0%	23. 30	390.05	1, 977. 78	200. 53	1, 386. 78	1, 181, 58	2, 568, 36	
¥0703	Precast Concrete Cover (680x580x75), furnish	each	1.00	4. 2%	91, 2%	1.7%	60, 8%	39, 2%	187.00	7, 79	170, 47	8.74	113.68	73, 32	187, 00	
W0704	Precest Concrete Cover (680x580x75), installation	Bach	1.00	89. 3%	0.0%	10, 7%	5. 4%	94, 6%	10, 30	9. 20	0, 00	I. 10	0, 55	9, 75	10, 30	
W0712	lron Step for Special Junction Box Manholes, furnish & installation	each	10, 00	8. 5%	85. 5%	5.9%	62. 5%	37, 5%	54, 40	46. 51	465. 26	32, 24	340, 19	203. 81	544, 00	
	Miscellancous	LS	1.00							0.00	0, 00	<u>0, 00</u>	0.00	0, 00	0,00	0.0%
	Total									3, 653, 38	6, 707, 67	752. 38	3, 678, 76	7, 434, 67	1, 113. 43	
	Components (%)									32.9%	60.4%	6, 8%	33.1%	66.9%	100, 0%	
	linit Rate	each			-	1			1	3, 648, 97	6, 699, 56	751, 47	3, 674, 32	7, 425, 68	11, 100, 00	

2 <u>(2)614</u>	Special Junction Box Manholo for RCPC 1	<u>ø 910</u>	x 1-\$610										Unit:	1.00	each	
							nit Kate	<u></u>			······	Amou	nt			
ltem No.	Description	Unit	Quentity			ponent (			Total	······		Component (PP)			Total	Remarks
		-		Lab.		Equip.		Local	(99)	Labor	Material	Equipment	foreign	Local	<u>(PP)</u>	
W0161	Gravel Foundation Fill	т3	0.00	24, 8%				61.0%		0.00	0, 00	0.00	0.00	0.00	0.00	
W0201	Lean Concrete (17MPa, max agg. 38mm)	m3	0.00	2,6%	80.9%	16.6%	56, 6%	43.4%	1, 450. 00	0.00	0.00	0.00	0.00	0, 00	0.00	Loss 2.
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00	18. 9%	0.2%	81.0%	43, 4%	56, 6%	213.00	0, 00	0, 00	0.00	0. 00	0, 00	0.00	
W0236	Concrete Curing (plain concrete)	m3	α, αα	70.9%	8,7%	20,4%	16.0%	84.0%	8, 85	U. OQ	0.00	0, 00	0,00	0.00	0.001	
¥0243	Formwork (lean concrete)	m2 -	0.00	41.3%	58,0%	0, 8%	3, 8%	96.2%	152.00	0.00	0, 00;	0.80	0.00	0, 00	0.00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	£m	1.19	2.4%	82.3%	15.3%	<b>56. 9%</b>	43.1%	1, 570, 00	44. 23	1, 538. 36	285, 71	1, 063, 00	805.30	1,868.30	Loss 2.
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	1, 17	15, 5%	0.2%	84. 3%	45. 2%	54,8%	257.00	46. 71	U. 59	253, 39	135. 79	164, 90	300, 69	
W0237	Concrete Curing (reinforced concrete)	m3	1, 17	74,6%	7,6%	17.8%	14.0%	86. 0%	1, 21	3, 68	0, 38	O, H8	0, 69	4, 24	4, 93	
W0241	Formwork (reinforced concrete H<4m)	m2	9.73	59.3%	39,9%		2, 99		221.00	1, 292, 15	870, 27	17,09	63.60	2, 115, 92	2, 179, 52	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each	126,00	48.2%			19,0%		39, 00	2, 370. 59	2, 456, 13	87.29	931.77	3, 982, 23	4, 914, 00	
W0251	Reinforcement Grade 40, cutting, hending & assembly	kg	(21, 78	15, 2%	77, 0%	7.8%	54.0%	46.0%	23, 30	430, 92	2, 185. 00	221.54	1, 532, 09	1, 305. 38	2, 837, 47	
¥0703	Precast Concrete Cover (680x580x75), furnish	each	1.00	4.2%	91,2%	4. 7%	60, 8%	39.2%	187.00	7, 79	170. 47	8, 74	113.68	73. 32	187. 00	
₩0704	Precast Concrete Cover (680x580x75), installation	each	1.00	89, 3%	8, 0%	10, 7%	5.4%	94.6%	10. 30	9. 20	a. oo	1. 10	0, 55	9.75	10, 30	
W0712	lron Step for Special Junction Box Manholcs, furnish & installation	each	11.00	8, 5%	85. 5¥	5, 9 <b>X</b>	52.5%	37.5%	54. 40	51, 16	511.78	35, 16	374.20	224.20	598, 40	
	Miscellaneous	I.S	1.00		L			1		Q. 08	0,00	0.00	0, 110	0.00	0.00	0.0%
	Tot <u>al</u>									4, 256, 42	7, 732. 98		4, 215, 36	8, 685. 25	12, 900, fil	
	Components (%)						_			33.0%	59.9%	7.1%	32.7%	67, 3%	100.0%	
	Unit Rate	each								4, 256, 22	7, 732, 62	911.16	4, 215, 16	8, 684, 84	12, 900, 00	

02(2)515	Special Junction Box Menhole for RCPC 1	- ø 107	Ю х 1-ф6 <u>10</u>										Unit:	1,00	each	
_							nit Rate	<u>,</u>				Атоц	<u>nt</u>			
ítem No.	Description	∛եղ i ե	Quantity		Con	ponent (	(%)		Total			Component (PP)			Total	Remarks
				Lab,	Mai.	Equip.	For.	Loca]	<u>(PP)</u>	Labor	Material	Equipment	Foreign	Local	<u>(PP)</u>	
¥0161	Gravel Foundation Fill	лЭ	0,00						390, 00	0, 110	0.00	0, 00	0.00	0, 00	0, 00	
¥0201	Lean Concrete (17MPa, max agg.38mm)	m3	0.00	2, 6%	80, 9%	16.6%	56.6%	43, 4%	1, 450. 00	0,00	8, 00	0.00	0, 00	0, 00	0.00	Loss 2.0
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00	18, 8%	0.2%	81.0%	13.4%	56, 6%	213.00	O, 00	<b>U</b> , OO	0, 00	8, 00	0,00		
W0236	Concrete Curing (plain concrete)	m3	0.00	70.9%		20, 4%			8, 85	0,00	0, 00	0, 00	0.00	0.00	0.00	
W0243	Formwork (lean concrete)	m2	0.00	41.3%	58.0%	0.8%	3.8%	96, 2%	152.00	0, 00]	0, 60	0.00	0.00	0,00		
W0203	[Concrete (Class A, 21MPa, max acg.38mm)	m3	1.41	2.1%	82.3%	15.3%	56.9%	43.1%	1, 570, 00	52, 40	1, 822, 77	338, 53	1, 259, 52	954.18	2, 213, 70	Loss 2.0
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	L.38	L5.5%		84, 3%	45.2%	51.8%	257.00	- 55, 10	0, 70	298, 97	160, 16	194, 50	354, 66	
W0237	Concrete Curing (reinforced concrete)	m3	1.38		7.6%	17.8%		86.0%	4.21	4, 34	0.44		0, 81	5.00	5.81	
#0241	Formwork (reinforced concrete HK4m)	m2	11.60	59.3%	39.9%	0.8%	2.9%	97.1%	221.00	1, 540, 49	1, 037, 53	20. 38	75.82	2, 522, 58	2, 598. 40	
W075)	Concrete Hollow Block (150x200x400mm), furnish & Loying including mortar fill	each	134.00	48, 2%	50, 0%	1. R%	19, 0%	81.0%	<b>39.</b> 00	2, 521, 10	2, 612, 07	92, 83	990, 93	4, 235, 07	6, 226, 00	
<b>W025</b> 1	Reinforcement Grade 40, cutting, bending & assembly	kg	131.50	15. 2%	77, 0%	7.8%	54.0%	46. 0%	23, 30	465, 32	2, 359, 41	239, 23	1, 654, 38	L, 409, 57	3, 063, 95	
¥0703	Precast Concrete Cover (680x580x75), furnish	each	1.00	4.2%	91.2%	4.7%	60, 8%	39. 2%	187, 00	7.19	170.47	8,74	113.68	73. 32	187,00	
¥0704	Precest Concrete Cover (680x580x75), installation	each	1.00	89. 3%	0.0%	10.7%	5.4%	94.6%	18, 30	9, 20	0. 00	L. 10	W. 55	9. 75	10, 30	
W0712	lion Step for Special Junction Box Manholes, furnish & installation	each	12.00	8.5%	85.5%	5, 9%	62.5%	37.5%	54. 10	55, 81	558.31	38, 68	408, 22	244, 58	652.80	
	Miscellaneous	LS	1,00							0, 00	0.00	0.00	0,00	0.00		0, 11%
	Total									4,711.54	8, 561, 69		4, 664. 07	9, 648, 55		
	Components (%)									32.9%	59.8%		32.6%	67.4%		
	Unit Rate	each	·							4, 707, 38	8, <u>554. 14</u>	1, 038. 48	4, 659, 95	9 <u>, 64</u> 0. 85	14, 300, 00	

			- 1			հ	iit Rate					Λ <b>m</b> our	<u>11</u>			
Item No.	Description	Unit	Quantity		Con	ponent (	<b>%</b> )		Total			Component_(PP)			Total	Kemarks
				Lab,	Mat.	Equip,	For.	Local	(PP)	Labor	Material	Equipment	Fornign	Local	(99)	
W016L	Gravel Foundation Fill	193	0,00	24.8%	13.1%	62.1%	39.0%	61,0%	390.00	0.00	U, 00	0.00	0.00	0, 00	0, 00	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0, 90	2.6%	80.9%	16.6%	56, 6%	43.4%	1, 450, 00	0, 03	0.00	0,00	0.00	0. (8)	0.00	Loss 2.
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 00	18, 8%	0. 2%	81.0%	43, 4%	56.6%	213.00	0, 00	0. 00	0. 00	0, 00	0, 00	0.00	
W0236	Concrete Curing (plain concrete)	m3	0, 09	70.9%	8,7%	20.4%	16.0%	84.0%	8, 85	0, 00	0, 00	0.00	0, 00	0, 00	0.00	
¥0243	Formwork (lean concrete)	m2	Ö, ÜÜ	41, 3%	58,0%	0.8%	3, 8%	96.2%	152.00:	0.00	0.00	0, 00	D, 00	0.00	0, 001	
W02(13	Concrete (Class A, 21MPa, max agg. 38mm)	m3	1.71	2.4%	82.3%	15.3%	56,9%	43.1%	1, 570, 00	63, 55	2, 210, 59	410.56	1, 527, 50,	1, 157. 20	2, 684. 70	Loss 2.
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	т3	1,68	15.5%	0, 2%	84, 3%	45. 2%	54, 8%	257.00	fi7. 08	0, 85	363. 84	194. 98	236, 78	431, 76	
W0237	Concrete Curing (reinforced concrete)	m3	1,68	74.6%	7,6%	17, 8%	14.0%	86, 0%	4. 21	5, 28	0, 54	1.26	0.99	Б, 08	7,07	
W0241	Formwork (reinforced concrete 4K4m)	m2	14.87	59, 3%	39, 9%	0.8%	2, 9%	97.1%	224, 00	1, 974, 75	1, 330, 01	26.12	97, 20	3, 233, 68	3, 330, 88	
W0751	Concrete Hollow Block (150x200x400mm), Furnish & Laying including mortar fill	each	142.00	48. 2%	50, 0%	1, 8%	19,0%	81.0%	39.00	2, 671, 61	2, 768. 02	98, 37	1, 050, 09	4, 487, 91	5, 538, 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	141. 23	15, 2%	77.0%	7.8%	54.0%	46. 0%	23. 30	499. 75	2, 533, 99	256, 93	1, 776. 79	1, 513, 87	3, 290, 66	
¥0703	Precast Concrete Cover (680x580x75), Turnish	each	1.00	4. 2%	91.2%	1.7%	60, 8¥	39. 2%	187, 00	7, 79	170. 47	8.74	113.68	73. 32	187.00	
¥0704	Precast Concrete Cover (680x580x75), installation	each	1.00	89, 3%	0,0%	10. 7%	5, 4%	94.6%	10, 30	9, 20	0.00	1, 10	0. 55	9.76	10, 30	
¥0712	Iron Step for Special Junction Box Manholes, furnish & installation	each	13.00	8, 5%	85, 5%	5, 9%	62, 5%	37. 5%	54, 40	60, 46	604, 83	41.91	442. 24	264, 96	707.20	
	Miscellancous	LS	1,00							0,00	0.00	0.00	0.00	0, 80	0.00	0.0%
	<u>Total</u>									5, 359, 46	9,619.28	1, 208, 83	5, 204. 01	10, 983, 56	16, 187. 57	
	Components (%)									33, 1%	59, 4%	7.5%	32.1%	67.9%	100.0%	
	Unit Rate	each						Ì		5, 363, 57	9, 626. 67	1, 209, 76	5, 208, 00	10, 992, 00	16, 200, 00	

#### 502(2)b17 Special Junction Box Manhole for RCPC 1-#1520 x 1-#610

		4				U	nit Rate	•				Amoun	t			
liem No.	Description	Unit	Quantity		Сол	ponent	(%)		Total			Component (PP)			Total	Kema rk s
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0161	Gravel Foundation Fill	mЗ	0, 00	24.8%		62.1%	39.0%	61,0%	390, 00	0,00	0.00	0.00	0.00	0.00	0.00	
WO201	Lean Concrete (17MPa, max agg.38mm)	m3	0.00	2.6%	80, 9%	16.6%	56, 6%	43.4%	1, 450. 00	6.00	0.00	0. 00	0, 00	0, 80	0,00	Loss 2.C
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00	18. 8%	0, 2%	81.0%	43, 1%	56.6%	213, 00	0. 00	u. oo	0. 081	0. 00	0, 00	0, 00	
¥0236	Concrete Curing (plain concrete)	m3	0.00	70, 9%	8,7%	20, 4%	16, 0%	84.0%	8. R5	0.00	0.00	0. 00	0.00	Ö. 00	0.00	
W0243	Formwork (lean concrete)	m2	0.00	41.3%		0.8%		96.2%	±52, 00	6,00	0, 00	0.00	0.00	0, 90	0,00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	2, 59	2.4%	82, 3%	15, 3%	56, 9%	43.1%	1, 570, 00	96.26	3, 348, 20	621.84	2, 313, 58	1, 752, 72	4, 066, 30	Loss 2.0
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	2. 54	15, 5%	O, 2%	84, 3%	45, 2%	54.8%	257.00	101. 41	1. 28	550, 09	294. 79	357. 99	652, 78	
W0237	Concrete Curing (reinforced concrete)	m3	2, 54	74, 6%	7.6%	17.8%	14.0%	86.0%	4.21	7, 98]	0.81	1.90	1, 49	9.20	10, 69)	
W0241	Formwork (reinforced concrete R<4m)	m2	21.11	59.3%	39, 9%	O, A%	2, 9%	97.1%	224, 00	2, 803. 42	1, 888, 13	37.09	137. 98	4, 590, 66	4. 728. 64	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each	158.00	48. 2%	50, 0%	1. 9%	19, 1%	81.0%	39.00	2, 972. 64	3, 079, 91	109, 45	1, 168, 40	4, 993. 60	6, 162, 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kı;	565.09	15.2%	77.0%	7.8%	54.0%	46. 0%	23, 30	1, 999. 59	10, 138, 99	1,028.02	7, 109, 30	6,057.30	13, 166, 60	
W1703	Precast Concrete Cover (680x580x75), Turnish	each	L.00	4. 2%	91, 2%	1.7%	60. <del>8</del> %	39. 2%	(87, 00	7, 79	170. 47	8. 74	113.68	73, 32	187, 00	
W0704	Procast Concrete Cover (680x580x75), installation	each	1,00	89, 3%	0, 0%	10. 7%	5.4%	94.6%	10. 30	9, 20	0. 00	1. to	0. 55	9, 75	10, 30	
W0712	lron Step for Special Junction Box Manholes, Turnish & installation	each	14.00	8, 5%	85, 5%	5.9%	62, 5%	37, 5%	51, 40	65, 11	651, 36	45, 13	476. 26	285. 34	761, 60	
	Miscellaneous	LS.	1.00							0, 00	0, 00	<u> </u>	0.00	0, 00	_0.00	0.0%
	Total									8, 063, 40	19,279.15	2, 403, 36	11, 616, 04	18, 129, 87	29, 745. 91	
	Components (%)									27.1%	64.8%	<u> </u>	39, 1%	60.9%	100.0%	
	Unit Rate	each								<u>8, 95</u> 0, 95	19, 249, 39	2, 399, 65	11.598.11	18, 101, 89	29, 700, 00	-

						U	<u>nit Kate</u>					Amoun	ι			
Item No.	Description	Unit	Quantity		Сол	ponent	(%)		Tatal			Component (PP)			Total	Remarks
				Lab.		Equip,		Local	(PP)	Labor	Materia	Equipm <u>ent</u>	Foreign	Local	(PP)	
¥0161	Gravel Foundation Fill	m3	0,88	24.8%	13, 1%	62.1%			390.00	0, 00,	0.00	0.00	0, 90	0,00	0.00	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0.00	2.6%	80.9%	16.6%	56, 6%	13, 1%	1, 458, 00	0.00	0, 00	0, 00	0.00	0,00	0, 00	Loss 2.0
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00	18.8%	0, 2%	91. O%	43. 4%	56, 6%	213.00	0, 00	0. 00	0. no	0. 00	0.00	0.00	
¥0236	Concrete Curing (plain concrete)	m3	0,00	70,9%	8,7%	20, 4%	16.0%	84.0%	8.85	0,00	0.00	0.00	0, 00	0,00	0.00	
W0243	Formwork (lean concrete)	m2	0.00	41.3%	58.0%	0.8%	3, 85	96, 2%	152.00	0.00	D. OQ	0, 00	0. 00	0.00	0, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	mЗ	0, 70	2.4%	82.3%	15.3%	56.9%	43.1%	1, 579, 00	26, 02	904.92	168.07	625, 29	473.71	1, 099, 00	Loss 2.
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	т3	0. 69	15, 5%	0, 2%	84, 3%	45. 2%	54.8%	257. 00	27, 55	0.35	149. 43	80, 88	97. 25	177, 33	
W0237	Concrete Curing (reinforced concrete)	т3	0, 69	74.6%	7, 6%	17.8%	11.0%	86.0%	4, 21	2, 16	0.22	0.52	0,40	2.50	2.90	
W0241	Formwork (reinforced concrete H<4m)	m2	3.95	59.3%	39.9%	0.8%	2.9%	97.1%	224, 00	524.56	353. 30	6. 94	25, 82	858.98	884,80	
W0751	Concrete Kollow Block (150x200x400mm), furnish & Laving including mortar fill	each	122.00	48. 2%	50. 0%	1.8%	19. 0%	81.0%	39, 00	2, 295, 33	2, 378, 15	84. 52	902. 19	3, 855, 81	4, 758, 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kr	109.66	15, 2%	77.0%	7.8%	51.0%	46.0%	23. 30	388, 04	₹, 967. 55	199, 49.	1, 379, 61	L, 175. 47	2, 555, 48	
W0703	Precast Concrete Cover (ABOx580x75), furnish	each	1,00	4. 2%	91, 2%	4.7%	60. 8%	39. 2%	187.00	7.79	170. 17	8. 71	113, 68	73, 32	187.00	
W0704	Prenast Concrete Cover (680x580x75), installation	each	l. 00	89. 3%	0.0%	10.7%	5. 1%	94.6%	10. 30	9, 20	0, 00	I. 10	0. 55	9, 75	10, 36	
W0712	Iron Step for Special Junction Box Manholes, furnish & installation	each	Я, ОО	8, 5%	85, 5%	5.9%	62. 5%	37, 5%	54.40	11.86	418. 73	29, 01	306, 17	183, 43	489, 60	
	Miscellaneous	LS	1,00							0.00	0.00	0,00	0.00	0.00	0, 00	0.0%
	Total									3, 322, 50	6, 193. 69		3, 433, 79	6, 730, 22	0, 164. 01	
	Components (%)			_							60, 9%		33.8%	<u>66, 2%</u>	100.0%	
	Unit Rate	each								3, 334, 27	6, 215, 62	650, 11	3, 145, 95	6,754,05	0, 200, 00	

Б0 <u>2(2)Ь22</u>	Special Junction Box Manhole for RCPC 2	- \$ 61Q	x l- \$460										Unit:	1.00	each	
							rit Rate					<u>Amoti</u>	<u>nt</u>			
Item No.	Description	Unit	Quantity		Con	ponent (	¥)		Total			Component (PP)		·	Total	Remarks
				Lab,		Equip.		Local	(PP)	Labor	Material	Equipment	Foreign	Local	<u>(PF)</u>	
W0161	Gravel Foundation Fill	m3	0.00	24.8%	13.1%				390.00	0.00	0.00		0. 00	Ö, ÖD	0.00	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0.00	2.6%	80.9%	16.6%	56.6%	43, 4%	1, 450, 00	0.00	0, 00	0, 00	0, 08	0.00	0, 00,	Loss 2.0
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	pi3 -	Ö. 09	18, 8%	0, 2%	BL 0%	43.4%	56, 6%	213.00	ß. 00	<b>U. O</b> O	0.00	0, 00	0.00	0.00	
¥0236	Concrete Curing (plain concrete)	m3	0.00	70, 9%	8,7%	20, 4%	£6. 0%	84, 0%	8.85	0.00	0,00	0.00	0.00	0.00	0.00	
W0243	Formwork (lean concrete)	m2	0,00	41.3%	58.0%	11, 8%	3, 8%	96.2%	152.00	0, 00	0.00	0,00	0.00	0, 00	0,00	
¥0203	Concrete (Class A, 21MPa, max agg, 38mm)	m3	0.97	2. 1%	82, 3%	15. 3%	56.9%	43.1%	1, 570. 00	36.05	1, 253, 96	232.89	866, 48	656.42	1,522,90	Loss 2,0
₩0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0.95	15.5%			45.2%	54,8%	257.00	37.93	0, 48	205. 74	110.26	133. 89	244, 15	
¥0237	Concrete Curing (reinforced concrete)		0.95	74.6%	7,6%	17.8%	14.0%	86.0%	4.21	2.99	0, 38	0.71	0, 56	3, 44	4.00	
W0241	Formwork (reinforced concrete HK4m)	m2	5, 83;	59, 3%	39.9%	0,8%	2, 9%	97.1%	224.00	774, 23	521.45	10.24	38.11	1, 267, 81	1, 305, 92	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each	140.00	49, 2%	50, 0%	1.8%	19.0%	81.0%	39, 00	2, fi33, 99	2, 729, 03	96. 98	1, 035, 30	4, 124, 70	5, 460. 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	131.77	15. 2%	77,0%	7.8%	54.0%	46. 0%	23. 30	466, 27	2, 364. 25	239. 72	1, 657, 77	1, 412, 47	3, 070. 24	
¥0703	Precast Concrete Cover (680x580x75), furnish	each	1,00	4.2%	91, 2%	4, 7%	60, 8%	39, 2%	187.00	7.79	170, 47	8. 74	113, 68	73, 32	187.00	
W0704	Precast Concrete Cover (680x580x75), installation	each	1,00	89. 3%	0, 0%	10, 7%	5.4%	94.6%	10, 30	9, 20	0.00	1.10	0, 55	9.75	10, 30	
W0712	from Step for Special Junction Box Manholes, furnish & installation	each	9, 00	8.5%	85.5%	5, 9%	62.5%	37. 5%	54, 40	41.86	418.73	29, 01	306. 17	183, 43	489, 60	
	Miseellaneous	1.5	1.00						1	0.00	0,00	<u> </u>	0.00	0, 00	0,00	0.0%
	Total									4,010, 30	7, 458, 67		4, 128, 86	8, 165, 25	12, 294, 11	
	Companents (%)									32.6%	60.7%	6.7%	33,6%	66.4%	LQQ. Q%	
	Unit Kale	each								4, 012, 22	7, 462, 24	825. 54	4, 130, 84	8, 169, 16	<b>12, 300, 00</b>	

## 502 (2) b23 Special Junction Box Manhole for RCPC 2-\$760 x 1-\$460

						. U	nit Rat <u>e</u>					Апоц	l			
ltem No.	Description	Unit	Quantity		Con	iponent (		·	Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Loca1	(PP)	abor	Material	Equipment	foreign	Local	<u>(PP)</u>	
W0161	Gravel Foundation Fill	m3	0,00	24.8%	13, 1%	62.1%		61,0%	390, 00	0, 00	0, 00	0.00	0, 00	0, 00	0.00	
¥0201	Lean Concrete (17MPa, max agg.38mm)	m3	0. 00	2.6%	80, 9%	16, 6%	56.5%	43, 4%	1, 450, 00	0.00	0.00	0, 00)	0.00	D, DD	6, 00	Loss 2.0
₩0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00	18, 8%	0, 2%	81.0%	43, 4%	56, 6%	213.00	0, 00,	0. 00	0.00	O. 00	0.00	0, 00	
₩0236	Concrete Curing (plain concrete)	m3	0.00	70, 9%	8,7%	20.4%	16. 🕸	84.0%	8, 85	0, 00;	0.00	0.00	0.00	0, 00	0,00	
¥0243	Formwork (lean concrete)	m2	0.00	41.3%	58.0%	0,8%	3.8%	96. 2%	152,00	0, 00	u, oo	0.00	0.00	0, 00	0.00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	1, 37	2.4%	82.3%	15, 3%	56.9%	43.1%	1,570.00	50, 92	1, 771, 06	328. 93	1, 223, 78	927.12	2, 150, 90	Loss 2.02
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	1. 34	15, 5%	0, 2%	84. 3%	45. 2%	54, 8%	257. 00	53, 50	0, 68	290. 20	155. 52	188. 86	344, 38	
¥0237	Concrete Curing (reinforced concrete)	m3	1.34	74.6%	7,6%	17.8%	14.0%		4.21	4, 21)	U, 43	1.00	0, 79	4.85	5, 64,	
¥0241	Formwork (reinforced concrete HK4m)	m2	9.44	59, 3%	39.9%	0,8%	2.9%	97.1%	224, 00	1, 253, 64	844. 34	16, 58	61, 70	2,952.86	2, 114, 56	
₩0751	Concrete Hollow Block (150x200x400mm), [furgish & Laving including mortar fill	each	158.00	48, 2%	50, 0%	1, 8%	19.0%	81.0%	39, 00	2, 972, 64	3, 079, 91	109. 15	1, 168, 40	4, 993, 60	6, 162, 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	151.07	15, 2%	77,0%	7.8%	54. O%	46.0%	23, 30	534, 57	2, 710, 54	274, 83	L, 900. 58	1, 619, 35	3, 519, 93	
W0703	Precast Concrete Cover (680x580x75), furnish	each	1,00	4. 2%	91, 2%	4.7%	60, 8%	39, 2%	187.00	7, 79	170, 47	8. 74	113, 68	73, 32	187, 00	
W07(14	Precast Concrete Cover (680x580x75), installation	each	1.00	89, 3%	0.0%	10, 7%	5, 1%	94.6%	10, 30	9, 20	0. 08	1. 10	0, 55	9, 75	10. 30	
W0712	lron Step for Special Junction Box Manholes, furnish & installation	each	10.00	A, 5%	85, 5%	5. 9%	62, 5%	37.5%	54, 40	46, 51	465. 26	32, 24	340, 19	203, 81	544.00	
_	Miscel <u>laneous</u>	ιs	1,00		_					0.00	0, 00	0.00	0,00	0,00	0. 00	0. 0%
	Total									4, 932. 97	9, 042. 66	1, 063, 88	4, 965, 20	10, 073. 51	15,038.71	
	Components (%)									32, 8%	60. 1%	7.1%	33.0%	67.0%	100, 0%	
	Unit Kate	each								4,920.27	9,019,39	1, 060, 35	4, 952, 42	10, 047, 58	15,000.00	

## Special Junction Box Manhole for RCPC 2-0910 x 1-0460 502(2)b24

02(2)b24	Special Junction Box Manholo for RCPC 2	- 4 910	x 1- o 460										Unit:	1.00	each	
			_				nit Rate	<u>)</u>	····-			<u></u>	nt			
Item No.	Description	Unit	Quantity			ponent		··· ·	Total			Component (PP)			Total (PP)	Remarks
				l.ab.		Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign a se	Local		
WOLGI	Gravel Foundation Fill	m3	0, u0	24, 8%		62, 1%			390.00	0, 00	0, 08	0, 00	0.00	0.00	0,00	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0, 00	2, 6%	80,9%	16.6%	56.6%	43. 4%	L, 460. UB	0, 00	0, 00	0.00	0, 00	0, 00	fl, 00	Loss 2.0
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 00	19, 8%	0.2%	81.0%	13. 1%	56, 6%	213.08	0, 00	0, 00	0. 00	0, 00	0, 00	8,00	
W0236	Concrete Curing (plain concrete)	_m3	0,00	70, 9%	8.7%	20.4%	16.0%	84.0%	8.85	0,00	0.00	0,00	0,00	0, 00	0,00	
W0243	Formwork (lean concrete)	m2	0, 00	41, 3%	58,0%	0.8%	3.8%	96.2%	152.00	0.80	0, 00	0.00	0.00	0, 00	0, 00	
W0203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	1.82	2.4%	82.3%	15.3%	56.9%		1, 570, 00	67,64	2, 352, 79	436, 97	1, 625, 76	1, 231, 64	2, 857, 40	Loss 2.0
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	1. 78	15, 5%	0, 2%	84. 3%			257.00	71.07	0, 90	385. 50	206, 59	250. 87	457, 46	
W0237	Concrete Curing (reinforced concrete)	m3	1.78	74.6%	7,6%	(7.8%	(4.0%)	86.0%	4. 21	5, 59	6.57	1. 33	1.05	Ki, 44	7, 49	
W0241	Formwork (reinforced concrete H(4m)	m2	13, 69	59, 3%	39, 9%				224, 00	1,818,04	1, 224, 47	24.05	89, 48	2,977,08	3, 066, 56	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	176, 00	48, 2%		1.8%	19.0%	81.0%	39.00	3, 311, 30	3, 130. 78	121.92	1, 301, 51	5, 562. 49	6,864.00	
W0251	Reinforcement Grade 40, cutting, hendiug & assembly	kg	175.62	15. 2%	77,0%	7.8%	54.0%	46. 0%	23. 30	fi21. 44	3, 151.02	319. 49	2, 209, 45	1, 882, 50	4,091.95	
₩0703	Precast Concrete Cover (680x580x75), furnish	each	1. 00	4. 2%	91, 2%	4. 7%	60, <b>8%</b>	39, 2%	187.00	7, 79	170, 47	8. 74	113.68	73, 32	187, 00	
W0704	Precest Concrete Cover (680x580x75), installation	cach	1.00	89. 3%	0.0%	10.7%	5, 4%	94.6%	10, 30	9. 20	0, 00	1, 10	0.55	9. 75	10.30	
W0712	Iron Step for Special Junction Box Manholes, Furnish & installation	each	11.00	8, 5%	85, 5%	5.9%	62, 5%	37, 5%	54. 40	51, 16	511.78	35. 46	374. 20	224.20	598, 40	
	Miscellaneous	LS_	1.00							0.00	0.00	<u>0, 0</u> 0	0,00	0.00	0.00	0.0%
	Total									5, 963. 22	10, 842, 78	1, 334. 56	5, 922, 26	12, 218, 30	18, 140, 56	
	Components (%)									32.9%	59.8%	7. 1%	32.6%	67.4%	100.0%	
	Unit Rate	each								5, 949, 89	10, 818, 53	1, 331, 58	5, 909, 02	12, 190, 98	18, 100, 00	

(2) 625	Special Junction Box Manhole for RCPC 2						nit Rate					Алош	Nnit:			· · · · · · · · · · · · · · · · · · ·
Item No.	Description	Unit	Quantity		Cor	ponent (		·	Total			Component (PP)	<u>n.                                    </u>	····	Total	Rema <i>r</i> ks
TCCR HO.	Desertherun		equal (1) ( )	Lab.		Equip.		Local	(PP)	labor	Material	Equipment	Foreign	Local	(PP)	Renativa
W0161	Gravel Foundation Fill	m3	0.00	24.8%		62.1%	39,0%		390.00	0,00	0.00	0.001	0,00	0,00	U. 00	
W0201	Lean Concrete (17MPa, max agg. 38mm)	m3	0.00	2.6%	80,9%		56, 6%		1, 450, 00	0,00	0,00	0, 00	8, 00	0,00	0,00	Loss
W0231	Concrute Pouring by Pump Vehicle (plain	m3	0.00	18, 8%		I			213.00	0,00	0,00	0, 00	8,00	0, 00	0.00	1.050
	concrete)	40J	0.00			01, 04	40.33	<b>30. 0</b> %					w. UO	0, 00	0.00	
WU236	Concrete Curing (plain concrete)	աՅ	0,00	70, 9%	8.7%	20.4%			8.85	0.00	0.00	0.00	8,00	0.08	0,00	
W0243	Formwork (lean concrete)	m2	0,00	41.3%	58.0%		3, 8%		152.00	0,00	0.00	0, 00	0, 00	0.00	0.00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	2.20	2.4%	82.3%	15.3%	56. <del>I</del> %	43, 1%	1, 570. 00	81, 76	2,844.03	528. 21	1, 965, 20	1,488,80	3, 454, 00	Loss
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	աՅ	2, 16	15. 5%	0.2%	84.3%	45. 2%	54.8%	257.00	86, 24	1, 09	467. 79	250, 69	304.43	555.12	
W0237	Concrete Curing (reinforced concrete)	m3	2.16	74,6%	7,6%	17,8%	14.0%	86, 0%	4.21	6, 78	0, 69	1.61	1, 27	7.82	9, 09	
W0241	Formwork (reinforced concrete R<4m)	m2	16, 98	59, 3%	39.9%	0.8%	2.9%	97, 1%	224, 00	2, 254, 96	1, 518, 73	29, 83	110, 99	3, 692, 53	3, 803, 52	
W0751	Concrete Hollow Black (150x200x400mm), furnish & Laving including mortar fill	each	196, 00	48. 2%	50. 0%	1.8%	19, 0%	81.0%	39, 00	3, 687, 58	3, 820, 64	135. 78	1, 449. 41	6, 194, 59	7, 644. 00	
₩0251	Reinforcement Grade 40, cutting, bonding & assembly	kg	12.00	15. 2%	77, 0%	7.8%	51.0%	46. 0%	23, 30	42, 16	215, 31	21, 83	150, 97	128. 63	279, 60	
W0703	Precast Concrete Cover (680x580x75), Furnish	each	1, 00	4.2%	91, 2%	4.7%	60, 8%	39. 2%	187.00	7, 79	170. 47	8. 74	113.68	73. 32	187.00	
W0704	Procest Concrete Cover (680x580x75), installation	each	1. 00	89. 3%	0.0%	10. 7%	5.4%	94. 6%	10, 30	9. 20	0, 80	i. 10	0.55	9, 75	10.30	
W0712	Iron Step for Special Junction Box Manholes, furnish & installation	each	12,00	8, 5%	85. 5%	5.9%	62, 54	37, 5%	54, 40	55. 81	558, 34	38. 68	408.22	244, 58	652.80	
	Miscellaneous	1.5	1.00							0,00	0,00	0.00	0, 04	0, 00	0.00	0.0
	Total									6, 232, 58	9, 129. 27	1,233.58	4, 450, 98	12, 144, 45	16, 595, 43	
	Components (%)									37.6%	55.0%	7.4%	26.8%	73.2%	100,0%	
	Unit Rate	each								6, 234, 30	9, 131, 78	1, 233, 92	4, 452. 21	12, 147, 79	16, 500, 00	

N

502 (2) 526	Special_Junction Box Menhole for RCPC 2	- ø 122	0_x 1~φ 46 <u>0</u>										Uniti	1.00	each	
						U	nit <u>Rat</u> e	,				- Amoi	in L			
[ [Lem No.	Description	Unit	Quantily		Con	iponent.			Total			Component (PP)			Total	Remarks
i				Lab.	Mat.	Equip.			(PP)[	Labor	Maturial	Equipment	foreign	Local	<u>(PP)</u>	
W0161	Gravel Foundation Fill	m3	0.00		13.1%	62.1%	39, 0%		390.00	0, 00]	0, 00		0, 80	0.00	0. 00	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0.00	2.6%	80, 9%	16,6%	56, 6%	43. 1%	1, 450, 00	0.00	0, 00	0, 00	0.00	0,00	0.00	Loss 2.0%
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 00	18.8%	0, 2%	81.0%	43, 4%	56.6%	213.00	0.00	0. 00		0.00	Ŭ, ĐĐ	0, 08	
W0236	Concrete Curing (plain concrete)	m.3	0, 00			20.4%			8, 85	0, 00	0.00	0.00	0.00	0,00	0, 00	
₩0243	Forpwork (lean concrete)	m2	0.00	41, 3%			3, 8%	96, 2%	152.00		0, 00	0.00	0, 00	0.00	0, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	2, 73	2.4%	82.3%	15, 3%	56, 9%	43.1%	1, 578, 00[	101.46	3, 529, 19	666,45	2, 438, 64	L 847, 46	4,286.10	Loss 2,0%
#0232	Concrete Pouring by Pump Vehicle (reinforcud concrete)	m3	2,68	15.5%	0.2%	84, 3%				1	1.35	i	311.04		688, 76	
#0237	Concrete Curing (reinforced concrete)	m J	2.68							8, 42	0.86		1.57	9.71	11, 28	
W0241	Formwork (reinforced concrete HKAm)	m2	22.37	59, 3%	39,9%	0.8%	2.9%	97.1%	221.00	2, 970, 75	2, 000, 83	39.30	146, 22	4, 864. 66	5,010.88	
¥0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	211.00	48, 2%	50,0%	i. 8%	19.0%	81, 0%	39.00	4, 026. 23	4, 171, 52	148.25	1, 582, 52	6, 763, 48	8, 346, 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	214.83	15, 2%	77,0%	7.8%	54.0%	46. 0%	23, 30	760, 18	3, 854, 54	390, 82	2, 702, 74	2, 302. RO	5, 005, 54	
W0703	Precast Concrete Cover (680x580x75), furgish	cach	1.80	4. 2%	91.2%	4.7%	60, 8%	39. 2%	187, 00	7, 79	170. 47	8, 74	113, 68	73.32	187.00	
₩0704	Precast Concrete Cover (680x580x75), installation	each	L. 00	89, 3%	0.0%	10, 7%	5, 4%	94, 6%	10, 38	9, 20	0, 00	L 10	0.55	9, 75	10. 30	
W0712	lron Step for Special Junction Box Manholes, furnish & installation	each	13.00	8.5%	85,5%	5, 9%	62.5%	37, 5%	54. 40		604, 83		442. 24	264, 96	707. 20	
	Miscellaneous	LS.	1.00							0. <u>00</u>	0.00			0.00	0.00	0.0%
	Total									8,051.50	14, 333, 57		7, 739, 20	16 <u>,</u> 513, 86	24, 253, 06	
L	Components (%)			}						33. 2%	59.1%				100,0%	
	Unit Rate	each		1						<u>8, 067. 08</u>	14, 361. 32	1,871,60	7, 754. 18	16, 545. 82	24, 300, 00	

#### 50<u>2 (2</u>) b27 Special Junction Box Manhole for RCPC 2-\$1520 x 1-\$460

						Lí	nit Rale					Amoun	t			
ltem No.	Description	Unit	Quantity			ponent (			Total		·	Component (PP)			Total	Remarks
				Lab.		Equip.		Local	(PP)	Labor	Material	Equipment	Fureign	Local	(11)	
W0161	Gravel Foundation Fill	m 3	0.00	24.8%	13.1%	62.1%	39, 0%		390, 00	0, 10	0.00	0, 00	0, 00	0.00	0,00	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0.00	2, 6%	80, 9%	16.6%	56.67	43. 4%	1, 450, 00	0, 00	0, 00	0.00	0,00	U, OO	0.00	Loss 2.0
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00	18, 8%	0.2%	81.0%	43. 4%	56, 6%	213.00	o, 00	0. 00	0.00	0.00	0, 00	0, 00	
¥0236	Concrete Curing (plain concrete)	m3	Ű. DO	70, 9%	8.7%	20.4%	16.0%	84.0%	8, 85	0.00	0,00]	0, 110	0.00	0,00	0, 00	
W0243	Formwork (leap concrete)	m2	0, 80	41.3%	58.0%	0, 8%	3, 8%	96.2%	152, 00	0, (10	0.00	0, 60	0, 00	0.00	0, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	4. 23	2. 1%	82, 3%	15, 3%	56.9%	43.1%	1, 570, 00	157, 21	5, 468. 30	1, 015. 59	3, 778, 55	2, 862, 55	6, 641. 10	Loss 2.
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	4. 15	15. 5%	0, 2%	84.3%	15. 2%	54, 8%	257.00	165, 69	2. 09	898. 77	481.65	584, 90	1,066.55	
W0237	Concrete Curing (reinforced concrete)	m.3	4.15	74.6%		17.8%	14. Ŭ%	86, 0%	4. 21	13.04	1, 33	3, 10	2. 44	15.03	17.47	
W024	Formwork (reinforced concrete HK4m)	m2	33. 17	59, 3%	39.9%	0.8%	2, 9%	97.1%	224. 00	· 1,405.08	2,966.80	58, 28	216, 81	7, 213, 27	7, 430, 08	
₩0751	(Concrete Hollow Block (150x200x400mm), [furnish & Laving including mortar fill	each	250.00	48, 2%	50.0%	1.8%	19, 0%	81.0%	39. 00	4, 703, 55	4, 873. 27	173. 19	L, 848, 74	7, 901. 26	9, 750, 00	
W0251	Reinforcement Grade 40, cutling, bending & assembly	kg	855, 48	15.2%	77.0%	7.8%	54. OX	46.0%	23, 30	3, 027, 15	15, 349, 24	1,566.30	10, 762, 64	9, 170, 04	19, 932. 68	
₩0703	Precast Concrete Cover (680x580x75), Turnish	each :	1.00	4. 2%	91.2%	4, 7%	60, 8%	39. 2%	187.00	7, 79	170.47	R. 74	113, 68	73. 32	187, 00,	
W0704	Precast Concrete Cover (680x580x75), installation	each	1.00	<b>89. 3%</b>	0,0%	10, 7%	5, 1%	94, 6%	10, 30	9. 20	0.00	L 10	0. 55	9. 75	10, 30	
W0712	<pre>Iron Step for Special Junction Hox Manholes, furnish &amp; installation</pre>	each	14.00	8. 5%	85, 5%	5.9%	62, 5%	37. 5%	54, 10	65, [1]	651.36	45, 13	176. 26	285. 34	761, 60	
	Miscellaneous	LS	1,00							0.00	0.00	U, 00	0, 00	0.00	0.00	0.0%
	Total									12, 553, 72	29, 482. 86	3, 760. 20	17, 681, 31	28, 115, 47	45, 796, 78	
	Companents (%)									27.4%	64.4%	8, 2%	38.6%	61.4%	100.0%	
	_ Unit Rate	each							· · · – – – – – – – – – – – – – – – – –	12, 554, 61	29,484,931	3, 760, 461	17,682.56	28, 117, 44	45,800.001	

#### 502(2)132 Special Junction Box Manhole for RCPC 2-\$610 x 1-\$610

						U	nit Rate	1				Алон	ıt			
ltem No.	Description	Unit	Quantity		Сол	ponent	(%)		Total			Component (PP)			Total	Remarks
				Lab.		Equip.	For.	Lecal	(99)	Labor	Waterial	Equipment	Foreign	Loca l	(PP)	
W0161	Gravel Foundation Fill	m3	0, 00	24.8%	13, 1%				390.00	0.00	0.00	0.00	0.00	0, 90	0.00	
W0201	Lean Concrete (17MPa; max agg.38mm)	m3	0.00	2.6%	80.9%	16, 6%	56.6%	13.4%	1, 450. 00	6, 00	a, ao	0, 011	0, 08	0, 00,	0,00	Loss 2.
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00	18.8%	0.2%	81.0%	43. 4%	56, 6%	213, 00	0, 00	0, 00	0, 00	0.00	0.00	0.00	
W0236	Concrete Curing (plain concrete)	m3	0.00	70, 9%	8.7%	20.4%	16.0%	84.0%	8, 85	0.00	0.00	0.00	0.00	0.00	0.00	
W0243	Formwork (lean concrete)	m2	0, 00	41, 3%	58.0%		3.8%		152.00	0.00	0,00	0. 00	0. 00	0,00	0,00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	1.12	2.4%	82.3%	15.3%	56.9%	43.1%	1, 670, 00	41.62	1, 447. 87	268, 90	1,000,47	757, 93	1, 758. 40	Loss 2. (
#0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	_m3	1, 10	15. 5%	0. 2%	84. 3%	45, 2%	54, 8%	257, 00	43, 92	0, 55	238, 23	127. 67	155. 03	282. 70	
¥0237	Concrete Curing (reinforced concrete)	m3 .	L. 10	74.6%	7.6%		14.0%		4. 21	3, 46	0.35	0. 82]	0, 65	3, 98	4.63	
W0241	Formwork (reinforced concrete HK4m)	m2	6, 38	- 59, 3% į	39.9%	0,8%	2, 9%	97, 1%	224.00	847.27	570.64	11.21	41.70	1, 387, 42	1, 429, 12	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	nach	149.00	48, 2%	50, 0%	1.8%	19. 0%	81,0%	39. 00	2, 803, 31	2, 904. 47	103, 22	1, 141, 85	4,709.15	5, 811, 00	
WD251	Reinforcement Grade 40, cutting, hending & assembly	kg	143. <del>99</del>	15. 2%	77.0%	7.8%	54.0%	46, 0%	23. 30	509, 51	2, 583. 51	261, 95	1, 811. 51	1, 543. 46	3, 354, 97	
W0703	Procast Concrete Cover (680x580x75), furnish	uach	L. 00	4. 2%	91.2%	4.7%	60. 8%	39, 2%	187, 00	7, 79	170. 47	8, 74	113, 68	73, 32	187. 00	
W0704	Procest Concrete Cover (680x580x75), installation	each	1,00	89, 3%	0. 0%	10, 7%	5,4%	94, 6%	10, 30	9. 20	0, 80	1, 10	0, 55	9, 75	10, 30	
W0712	Iron Step for Special Junction Box Manholes, Furnish & installation	each	9. 00	8. 5%	85, 5%	5, 9%	62. 5%	37. 5%	54. 40	41.86	418.73	29. 01	306. 17	183, 43	489, 60	
	Miscellaneous	1.S	1.00							0.00	0,00	0. 00	0, 00	0. 00	0.00	0, 0%
	Total									4, 307. 94	8, 096, 59	923, 19	4, 504, 24	8, 823, 48	13, 327. 72	
	Components (%)					~				32.3%	60.8%	6.9%	33.8%	66, 2%	100.0%	
	Unil Rate	each								4, 298, 98	8, 079, 75	921, 27	4, 494, 87	8,805.13	13, 300, 00	

#### 502 (2) b33 Special Junction Box Manhole for RCPC 2-\$760 x 1-\$610

502 (2) b <u>3</u> 3	Special Junction Box Manhole for RCPC 2	<del>-</del>	x L-\$610										- Unit:	1,00 ¢	<u>a</u> ch	
		<b>I</b>					nit Rate					Amour		<del>_</del>		
lten No.	Description	Unit	Quantity			ponent			Total	<u> </u>		Component (PP)			Total	Kemark <i>s</i>
				Lab.		Equip.	For.	Local	(99)	Labor	Material	Equipment	lioreign	Local	(99)	
W0161	Gravel Foundation Fill	m3	0.00		13.1%		39.0%		390, 00	0, 00	0.00	0.00	0, 00	0, 00	0, 00	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	B, 00	2.6%	80. 9%	16, 6%	56, 6%	43. 4%	1, 450. 00	0.00	0, 80	0.00	0, 00	0, 00	0, 00	Loss 2.0%
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	mJ	u, oo	18, 8%	0, 2%	8), 0%	43. 4%	56.6%	213.00	0, 00	O, (II)	0. 00	0, 00	0.00	0.00	
WO236	Concrete Curing (plain concrete)	n3	0,00	70.9%	8, 7%	20.4%	i6.0%	84.0%	8.85	0, 00	0, 10	0, 00	0,00	0, 00	11, 00	
W0243	Formwork (lean concrete)	m2	0.00	41.3%	58,0%	0,8%	3.8%	96.2%	152.00	0, <b>0</b> 0	0.00	0.00	0, 00	0, 00	0, 00	
WO203	Concrete (Class A, 21MPa, max agg.38mm)	m3	1.56	2.4%	82.3%	15.3%	56.9%	43.1%	1, 570.00	57.98	2, 016, 68	374.55	1, 393, 51	1,055.69	2, 449, 20	Loss 2,0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	83	1,53	15.5%	0.2%	81.3%	45. 2%	54.8%	257,00	61, 09	0, 77	331, 35	177.57	215. 84	393, 21	
W0237	Concrete Curing (reinforcod concrete)	m3	1. 53	74.6%	7.6%	17.8%	14.0%	86.0%	4, 21	4, 81	0, 49	1. 14	0.90	5, 54	6, 44	
W0241	Formwork (ruinforced concrete H<4m)	m2	10.20	59.3%	39, 9%	0,8%	2, 9%	97.1%	224.00	1, 354, 57	912.31	17.92	66. 67	2, 218, 13	2, 284, 80	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each	167.00	48. 2%	50.0%	J. 8%	19.0%	81.0%	39, 00	3, 141, 97	3, 255. 34	115.69	1, 234. 96	5, 278, 04	6, 513, 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	164, 95	15, 2%	77.0%	7, 8%	54.0%	46. 0%	23. 30	583. 68	2, 959, 58	300. 04	2, 075. 21	1, 768, 13	3, 843. 34	
W0703	Precast Concrete Cover (680x580x75), furnish	each	1.00	4.2%	91, 2%	4. 7%	60, 8%	39, 2%	187.00	7. 79	170, 47	8, 74	113, 68	73. 32	187.00	
W0704	Precast Concrete Cover (680x580x75), installation	each	1.00	89, 3%	a. o%	10, 7%	5, 4%	94.6%	10, 30	9. 20	u, oo	L. 10	0, 55	9. 75	10, 30	
W0712	Iron Step for Special Junction Box Manholes, furnish & installation	each	10.08	8, 5%	85, 5%	5,9%	62, 5%	37.5%	54, 40	46. 51	465, 26	32. 24	340. 19	203, 81	544. 00	
	Miscellaneous	LS	1.00							0, 00	0.00	0.00	0, 80	0,00	0, 00	0.0%
	Total									5, 267, 58	9, 781. 90	1, 182, 81	5, 403. 23	10, 828, 06	16, 231, 29	
	Components (%)									32, 5%	60, 3%	7.3%	33.3%	66, 7%]	100.0%	
	Unit Nate	each								5, 257, 43	9, 762. 01	1, 180. 53	5, 392, 81	10, 807, 19	16, 200, 00	

502(2)b34	Special Junction Box Manhole for RCPC 2	- <b>φ</b> 910	x 1-\$610										<u>lhit:</u>	1.00	each	
							<u>it Rate</u>					Amou	nt		· •••••	
Item No.	Description	Unit	Quantity			ponent (			Total			Component (PP)			Total	Remarks
			l	Lab,				Local	<u>(PP)</u>	Labor	Material	liquipment	Foreign	Local	(PP)	
W0161	Gravel Foundation Fill	m3	0.00			62, 1%			390, 00	0.00	0, 80	6, 00	0.00	n, oo	0.00	
₩9201	Lean Concrete (17MPs, wax seg.38mm)	m3	0,00	2.6%	80.9%	16.6%)	56.6%	13, 4%	1, 450, 00]	0,00	0.00	0.00	0.00	0.00	0.00	Loss 2.0%
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 00	18, 8%	0.2%	81, 0%	43, 4%	56.6%	213.00	0, 00	Ö. QØ	9, 00	0,00	0, 00	0, 00	
) ¥0236	Concrete Curing (plain concrete)	m 3	0,00	70, 9%	8.7%	20.4%	16,0%	84.0%	8.85	0, 00]	Ö, 09	0,00	0, 60	8, 00	0,00	
¥0243	Formwork (lean concrete)	m2	0,00	41.3%	58.0%	0.9%	3, 8%	96.2%	152.00	0.00	0, 00		Ö. 80	11.00	0.00	
W0203	Concrete (Class A, 21MPa, max agg, 38mm)	m3	2.04	2.4%	82.3%	15, 3%	56.9%	43.1%	1, 570, 80	75.82	2, 637, 19	489.79	1, 822. 28	1.380.52	3, 202, 80	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	2.00	15, 5%	0, 2%	84.3%	45. 2%	54.8%	257.00	79. 85	1,01	433. 14	232. 12	281.88	514.00	
W0237	Concrete Curing (reinforced concrete)	m3	2.00	74.6%	7.6%	17.8%	11.0%	86, 0%	4. 21	6.28	0, 64		1.18	7.24	8.42	
W0241	Formwork (reinforced concrete H<4m)	m2	14.67	59, 3%	39.9%	0.8%	2.9%	97.1%	224.00	1, 948, 19	1, 312, 12	25, 77	95.89	3, 190, 19	3, 286. 08	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each	185, 00	48. 2%	50.0%	1.8%	19, ብ%	81.0%	39. 00	3, 480. 62	3, 606. 22	128, 16	1, 368, 07	5, 846, 93	7, 215. 00	
#0251	Reinforcement Grade 40, cutting, hending & assembly	kg	191, 38	15, 2%	77.0%	7.8%	51.9%	46.0%	23. 30	677.20	3, 433. 79	348. 16	2, 407. 72	2, 051, 43	4, 459. 15	
W0703	Precast Concrele Cover (680x580x75), furnish	each	1.00	4.2%	91.2%	4. 7%	60. 8%	39. 2%	187. 00	7. 79	170, 47	8.74	113, 68	73. 32	187, 00	
W0704	Precast Concrete Cover (680x580x75), installation	each	L, 00	89. 3%	0.0%	10. 7%	5.4%	94.6%	10, 30	9. 20	ft, 60	1.10	0, 55	9.75	10, 30	
W0712	lron Step for Special Junction Box Manholes, furnish & installation	each	11.00	8, 5%	85.5%	5, 9%	62.5%	37, 5%	54. 10	51, 16	511,78	35, 46	374. 20	224, 20	598.40	
	Miscellancous	LS	1.00							0,00	0.00	0,00	0.00	0.00	0.00	0.0%
{	Total	Ι								6, 336. 11	11, 673, 22		6, 415, 68	13, 065, 47	19, 481, 15	
	Components (%)									32. 5%	59.9%		32. 9%	67.1%	100.0%	
	Unit Kate	each								6, 342, 24	11, 684, 51	1, 473. 25	<u>fi, 421, 89</u>	13,078.11	19,500.00	

## 502(2)b35 Special Junction Box Manhole for RCPC 2-\$\phi1070 x 1-\$\phi610

502 (2) 53 <u>5</u>	Special Junction Box Manhole for RCPC 2	- ø 107	0 x 1~ ¢ 610										<u> </u>	1.00 a	ach	
							<u>nít Rate</u>	•		·		Amou	nt	<u> </u>		Remarks
[Lenn, No.,	Description	Unit	Quantity	Lab.		ponent	(%)   For.	Local	Total (PI')	Labor	Material	Component (PP)	Forcign	Local	Total (PP)	Kemarks
WOJ6I	Gravel Foundation Fill	m3	0,00	24.8%	13,1%	Equip. 62.1%	39.0%		390.00	0.00	0.00	Equipment 0.00	0,00	<u>Local</u> 0, 00	0.00	
W0201	Lean Concrete (17MPa, max agg. 38mm)	m3	0.00	2,6%	80, 9%				1, 450, 00	0. 00	0.00	0,00	0, 00	0,00	0.00	Loss 2.0
W0231	Concrete Pouring by Pump Vchicle (plain concrete)	т3	0.00	18.8%	0, 2%	81.0%		56, 6%	213.00	0.00	0.00	0, 00	0.00	a, oo a, oo	0, 00	
W0236	Concrete Curing (plain concrete)	m3	0,00	70, 9%	8.7%	20, 1%	16.0%	<b>54.0%</b>	8, 85	0, 00	0, 00	0, 00	0, 00	0, 00	0, 110	
W0243	Formwork (lean concrete)	m2	0,00	41.3%	58, 0%	0.8%		96.2%	152, 001	0, 00)	0, 001	0, 001	0,00	R, 001	0.00	
WQ203	Concrete (Class A, 21MPa, max agg, 38mm)	m3	2,46	2, 1%	82.3%	15.3%			1, 570, 00	91, 42	3, 180, 15	590, 63	2, 197, 45	1, 664, 75	3, 862, 20	Loss 2.0
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	2, 41	15, 5%	0. 2%	81. 3%		54, 8%	257.00	96. 22	t. 21	521.93	279. 71	339, 66	619. 37	
W0237	Concrete Curing (reinforced concrete)	m3	2.41	74, 6%	7.6%	17.8%	14.0%	86, 0%	4. 21	7.57	0, 77	1.80	1.42	8.73	10, 15	
W0241	Formwork (reinforced concrete H<4m)	m2	18, 10	59, 3%	39.9%	0.8%	2.9%	97.1%	224.00	2, 403. 69	1,618,91	31.80	118, 31	3, 936, 09	4, 054, 40	
₩0751	Concrete Hollow Block (150x200x400mm), furnish & Leving including wortar fill	each	204, 90	48. 2%	50, 0%	1.8%	19, 8%	81.0%	39, 00	3, 838. 09	3, 976, 59	141.32	1, 508. 57	6, 447. 43	7, 956, 00	
W0251	Reinforcement Grade 40. cutting, bending & assembly	kg	215. 31	15.2%	77.0%	7.8%	51.0%	46, 0%	23. 30	761.88	3, 863. 14	391, 6 <del>9</del>	2, 708. 77	2, 307, 95	5, 016, 72	
W0703	Prucast Concrete Cover (680x580x75), furnish	aach	1.00	4, 2%	91.2%	4. 7%	60. 8%	39, 2%	187.00	7, 79	170. 47	8, 74	113.68	73, 32	187.00	
¥0704	Precast Concrete Covar (680x580x75), installation	nach	1.00	89, 3%	0, 0%	10.7%	5.4%	94.6%	10, 30	9, 20	0.00	1, 10	0.55	9, 75	10. 30	
W0712	<pre>Iron Step For Special Junction Box Menholes, furnish &amp; installation</pre>	each	12.00	8.5%	85, 5%	5, 9%	62. 5%	37.5%	54. 40	55, 81	558, 31	38, 68	408. 22	244, 58	652. 80	
	Miscellaneous	LS	1.00							0, 00	0.00	0.00	0.00	0,00	0.00	0.0%
	Total									7, 271. 68	13, 369, 55	1, 727, 71	7, 33h, 68	15, 032. 26	22, 368, 94	
	Components (%)						L			32. 5%	59.8%	7.7%	32, 8%	67, 2%	100.0%	·
	Unit Rate	oach								7, 281, 78	13, 388. 11	1, 730, 11	7, 346. 87	15, 053, 13	22, 400, 00	

502(2)b36	Special J	unction Box	Manhole f	or RCPC	2- ø 1220	) x 1- ф 610
						-

1.00 each Unit

		í I				U	n <u>it R</u> ate	3				Ато	unt			, I
Item No.	Description	Unit	Quantity		Con	nponent			Total			Component (PP)			Total	Remarks
			_	Lab.	Mat,	Equip.	For.	Local	(99)	Labor	Materia)	Equipment	Foreign	l.ocal	<u>(Pf)</u>	
W0161	Gravel Foundation Fill	m3	0.00	24.8%					390.00	0. 00	0,00		0, 08	0, 00	0.00	, I
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0.00	2, 6%	80, 9%	16,6%	56.6%	43.4%	1, 460, 00	D. 00	0,00	0,00	0, 00	0,00	0, 00	Loss 2.0%
WQ231	Concrete Pouring by Pump Vehicle (plain concrete)	ma3	0, 00	18, 8%	0, 2%	81.0%	43. 4%	56, 6%	213, 00	0.00	0, 00	i	0.00	0.00	0.00	
W0236	Concrete Euring (plain concrete)	m3	0, 00	70.9%		20, 4%			8.85	0.00	0,00		0.00	0.00	0.00	, I
W0243	Formwork (lean concrete)	m2	0.00	41.3%		0.8%			152.00	D. 00	0, 00		0, 00	O, 80	0,00	, I
W0203	Concrete (Class A, 21MPs, max agg. 38mm)	6 m 3	3, 03	2, 1%	82, 3%	15, 3%	56, <b>9%</b>	43.1%	1, 570, 00	115' et]	3, 917, 01	727.48	2, 706, 62	2, 050. 48	4, 757. 10	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	2. 97	15.5%	0, 2%	84. 3%	45. 2%	54.8%	257.00	118, 58	1, 50		344. 70	418. 59	763. 29	
W0237	Concrete Curing (reinforced concrete)	m3	2.97	74.6%		17.8%	14.0%		4.21	9.33	0.95		1.74	10.76	12.50	, I
W0241	Formwark (reinforced concrete N<4m)	m2	23, 72	59, 3%	39, 9%	0.8%	2.9%	97.1%	224.00	3, 150. 03	2, 121, 57	41,67	155, 04	5, 158, 24	5, 313, 28	, I
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	222. 00	48.2%	50.0%	1.8%	19.0%	BT. 0%	39, 00	4, 176, 75	4, 327, 46	153. 79	1.641,68	7, 016, 32	8, 658. 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	235, 64	15, 2%	77.0%	7.8%	54.0%	46, 0%	23. 30	833. 82	4, 227. 91	428. 68	2, 964, 54	2, 525, 87	5, 490, 41	
W0703	Precast Concrete Cover (680x580x75), furnish	each	L 00	4.2%	91.2%	4. 7%	60, 8%	39, 2%	187,00	7. 79	170. 47	8. 74	113.68	73, 32	187, 00	
W0704	Procest Concrete Cover (680x580x75), installation	each	1.00	89, 3%	0.0%	10.7%	5.4%	94.6%	10. 30	9, 20	0, 00	1.18	0.55	9, 75	LO, 30	1
W0712	iron Step For Special Junction Box Manholes, furnish & installation	each		8, 5%	85, 5%	5, 9%	62, 5%	37, 5%	54. 40	60. 16	604. 83		442, 24		707.20	
	Miscellaneous	LS	1, 00							0, 00			0.00	0, <u>00</u>	0.00	
	Total									8, 478. 57	15, 371. 70		8, 370, 80	17, 528. 28	25, 899. 08	
	Components (%)									32. 7%	59, 4%	7.9%	32.3%	67. <u>7%</u>	100.0%	
[	Unit Rate	each								6, 478. 87	15, 372. 25	2, 048, 88	8, 371. 10	17, 528, 90	25,900,00	

#### Special Junction Box Manhole for RCPC 2-\$1620 x 1-\$610 502(2)b37

							<u>it Rate</u>					Amoun	1	~		
ltem No.	Description	[Unit]	Quantity [		Con	ponent (			Total			Component (PP)			Total	Remarks
			[	Lab,		Equip.		Local	(PP)	Labor	Material	Equipment	Foreign	Local	(ቦኮ)	
W0161	Gravel Foundation Fill	m3	0.00	24.8%		62.1%			390, 00	0.00	0.00		0.00	0, 00	0,00	
¥0201	Lean Concrete (17MPa, max agg.38mm)	ni3	0, 00	2.6%	80, 9%	16, 6%	56, 6%	43, 4%	1, 450, 00	0.00	0.00	0, 00	0, 0(1	0.00	0,00	Loss 2.0
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 00	18, 8%	0, 2%	81, 0%	43, 4%	56, 6%	213.00	0. 00	0, 00	0, 80	0.08	0, 00	0. 00	
W0236	Concrete Curing (plain concrete)	m3	0, 00	70, 9%		20, 1%	16,0%	84.0%	8.85	0, 00	0, 00	0, 80	0,00	0.00	0.00	
₩0243	Formwork (lean concrete)	m2	0.00	41.3%	58.0%	0, 8%	3.8%	96.2%	152, 00	0.00	0.00	0.00	0. 90	0, 00	0.00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	4.60	2.1%	82, 3%	15.3%	56, 9%	43.1%	1, 570, 00	170.96	5, 946, 61	L 104, 43	4, 109, 86	3, 112, 94	7, 222, 00	Loss 2.4
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m.J	4, 51			84. 3%	45, 2%	54, <b>8%</b>	257.00	180. 06	2. 27	976. 73	523, 43	635, 64	1, 159, 07	
W0237	Concrete Curing (reinforced concrete)	m3	4. 51	74, 6%		17,8%			4, 21	14.17	I, 45	3, 37	2.65	16, 34}	18, 99	
W0241	Formwork (reinforced concrete H<4m)	m2	34, 87	59, 3%	39.9%	0.8%	2.9%	97.1%	224, 00	4, 630, 76	3, 118, 86	61, 26	227.93	7, 582, 95	7, 810. 88	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including montar fill	unch	258.00	48. 2%	50, O%	t. 8%	19.0%	81.0%	39, 00	4, 854. 06	5, 029, 21	178, 73	1, 907. 90	8, 154, 10	(8, 062, 90	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	891. 59	15. 2%	77. OX	7.8%	54. OX	46.0%	29, 30	3, 165. 54	16, 050, 96	1, 627, 45	11, 254, 58	9, 589, 27	20, 843. 95	
W0703	Precast Concrete Cover (680x580x75), Furnish	cach	ι. οθ	4. 2%	91, 2%	4. 7%	60, 8%	39, 2%	187.00	7. 79	170, 47	8, 74	113, 68	73. 32	187.00	
W0704	Precest Coherete Cover (680x580x75), installation	each	1, 110	89, 3%	0.0%	LO. 7%	5, 4%	94.6%	10.30	9. 20	0, 00	t. 10	0, 55	9, 75	10. 30	
W0712	lron Step for Special Junction Box Manholes, furnish & installation	each	14, 00	8.5%	85, 5%	5, 9%	62, 5%	37.5%	51. 10	65. 11	651.36	45, 13	476. 26	285. 34	761, 60	
	Miscellaneous	េន	1.00							0. 80	0.00	0.00	0.00	a, <u>oo</u>	4.00	0.0%
	Total									13, 097, 65	30, 971, 19	4, 006. 95	18,616,13	29, 459, 66	48,075,79	
	Components (%)									27. 2%	<u>64, 4%</u>	B. 3%	38, 7%	61.3%	100.0%	
	Unit Rate	each]								13, 104, 25	30, 986. 79	4,008.97	18, 625, 50	29, 474, 50	48, 100, 00,	

							nit Rate	2				Amou	nl			
ltem No.	Description	Unit	Quantily	······································		ponent		Local	Total (PP)		H	Component (PP)	Foreign	Local	Tolal (PP)	Remarks
W0013	Demolition by Pheumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0, 47	Lab. 27. 3%,		Equip. 58.0%			892, 00	<u>tahor</u>  14, 46	Material 61.47	Equipment 243.31	171.60	247, 64	419. 24	
W0025	Disposal of Demolished Debris	m3	0, 47	16.2%	12.9%	70, 9%	46, 9%	53.1%	137.00	10, 46	R. 30	45. 63	30. 18	34.21	64.39	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	42, 00	48. 2%	50, 0%	1.8%	19.0%	81.0%	39, 00	790. 20	818.71	29. 10	310.59	1, 327, 41	1,638.00	
¥0203	Concrete (Class A, 21MPa, max agg.30mm)	m3	0.23	2.4%	82, 3%	15.3%	56,9%	43.15	1,570.00	6, 55	297.33	55, 22	205. 45	155, 65	361.10	Loss 2.4
₩0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0, 23	15. 5%	0.2%	84, 3%	45, 2%	54, 8%	257.00	9, 18	0.12	49. 81	26. 69	32. 42		
W0237	Concrete Curing (reinforced concrete)	n3	0. 23						4, 21	0.72	0. 67	0, 17	0.14	0, 83		
W0241	Formwork (rainforced concrete HK4m)	t m2	2.13	59. 3%	39, <b>9%</b>	0.8%	2.9%	97, 1%	224, 00	282. 87	190, 51	9, 74	13, 92	463.20	477.12	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	19. 36	15, 2%	77.0%	7.8%	54.0%	46. 0%	23. 30	68.51	347, 36	35, 22	243, 57	207.52	451, 09	
₩070£	Procast Concrete Cover (580x480x70), Furnish	each	ι. οο	1.3%	91.2%	7,6%	63, 0%	37.0%	116, 00	1. 45	105, 74	8.81	73, 06	42, 94	116,00	
W0702	Precast Concrete Cover (580x480x70), installation	each	ι, 00	89. 3%	1.1%	9, 6%	5, 4%	94.6%	10. 30	9, 20	0.11	0, 99	0, 55	N, 75	10.30	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	3. 76	38, 3%	55, 0%	6.7%	39.0%	61,0%	30, 30	43. 62	62.71	7.60	44, 43	69.50	113, 93	
W0712	lron Step for Special Junction Box Manholes, furnish & installation	each	4.00	8.5%	85, 5%	5, 9%	62. 5%	37.5%	54, 40	18.60	186, 10	12.89	136,07	81.53	217.60	
	Miscellaneous	1.5	1.00							0.00	0,00	0.00	<u> </u>	0.00	0,00	0.0%
	<u> </u>									1, 357. 82	2, 078. 54		1, 256. 26	2, 672, 59		
	Components (%)									34,6%	52. 9%		32.0%	68.0%		
	Unit Rate	each						1		1, 358, 22]	2, 079, 15	492, 64	1, 256. 62	2, 673, 38	3, 930. 00	

							nit Rate					Λπο <u>υ</u> Π	1L			
liem No.	Description	Unit	Quantity			popent			Tota			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Local	<u>(PP)</u>	Lahor	Material	Equipment	Foreign	Local	<u>(Pf)</u>	
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0. 53	27, 35	14, 7%	58.0%	40. 9%	59, 1%	892.00	129, 07	69. 32	274. 37	193. 50	279. 26	472.76	
W0025	Disposal of Demolished Dehris	m3	0. 53	16.2%	12, 9%	70. 9%	46.9%	53, 1%	137.00	11.80	9. 36	51, 45	34.04	38, 57	72.61	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	uach	45.00	48. 2%	50, 0%	1.8%	19.0%	81.0%	39. 00	846, 64	877. 19	31, 17	332. 77	1, 422, 23	1, 755. 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	0.28	2.4%	82.3%	15.3%	56, 9%	43. L%	1, 570. 00	16, 41	361.97	67, 23	250.12	189.48	439, 60	Loss
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0, 27	15.5%	0.2%	84, 3%	45. 2%	54.8%	257, 00	10, 78	0, 14	58, 47	31, 34	38, 05	69. 39	
¥0237	Concrete Curing (reinforced concrete)	m3	0, 27	74,6%		17.8%		86.0%	4. 21	B, 85	0.09	0, 20	0.16	0, 98	1.14	
¥0241	Formwork (reinforced concrete HK4m)	m2	2, 36	59.3%	39, 9%	0, 8%	2, 9%	97.1%	224, 00	313.41	211.08	4. 15	15, 43	513.21	528.64	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	21, 63	15.2%	77.0%	7.8%	54, 0%	46. 0%	23, 30	76, 54	388, 89	39. 35	272, 12	231.86	503, 98	
<b>₩070</b> 1	Precasl Concrete Cover (580x480x70), furnish	each	1, 00	1.3%	91.2%	7, 6%	63, 0%	37.0%	116.00	1. 15	105. 74	B. 81	73. 06	42, 94	116, 00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1, 00	89, 3%	1.1%	9.6%	5, 4%	94.6%	10. 30	9, 20	o. 11	u, 99	0. 55	9, 75	10, 30	
WO716	Steel Grate for Manhole Inlet, furnish & installation	Kr;	4. 52	38, 3%	55.0%	6.7%	39. 0%	61.0%	30, 30	52. 44	75, 39	9, 13	53, 42	83, 54	136, 96	
W0712	lron Step for Special function Box Manholes, furnish & installation	each	4.00	8. 5%	85, 5%	5, 9%	62, 5%	37.5%	54, 40	18.60	186. 10	12. 89	136.07	81, 53	217, 60	
	Niscellaneous	LS	1.00							0.00	0.00	0.00	0,00	0.00	0,00	0.0%
	Total									I <u>, 48}, 18</u>	2, 284. 57	658.23	1, 392. 57	2,931.41	4, 323. 98	
	Components (%)									34.3%	<u>52.</u> 8%	12.9%	32.2%	67.8%	100.0%	
	Unit Rate	each			_					1, 479, 82	2, 282, 47	557.71	1, 391, 29	2, 928, 711	4, 320, 00	

(2) c3	Junction Box Converted to Curb Inlet Ma					IJ	nit Rate	)				Λπουη	it.			
Item No.	Description	Unit	Quantity		Co	nponen t	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	Far,	Local	(PP)	Labor	Naterial	Equipment	Foreign	Local	<u>(٩٩)</u>	
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0. 59	27. 3%	14, 7%	58, 0%	40, 9%	59, 1%	892.00	143. 68	77. 16	305. 43	215. 41	310. 87	526, 28	
W0025	Disposal of Demolished Debris	m3	0.59	16.2%	12, 9%	70, 9%	4h, 9%	53.1%	137.00	13, 13	10.42	57.28	37.89	42.94	80, 83	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	49.00	48. 2%	50, 0%	1,8%	19. 0%	BL.0%	39. 00	921. 89	955, 16	33, 94	362. 35	1, 548, 65	1, 911, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3 l	0, 32	2, 4%	82.3%	15.3%	56, 9%	43, 1%	1, 570, 00	11, 89	413,68	76. 83	285.85	216, 55	502.40	1.0\$5
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	mIJ	0.31	15. 5%	0, 2%	84.3%	45, 2%	54.8%	257.00	12. 38	0, 16	67. 14	35. 98	43. 69	79.67	
¥0237	Concrete Curing (reinforced concrete)	m B	0.31	74.6%			14.0%	86.0%	4. 21	0. 98	0, 10	0.23	0, 18	1, 13	1.31	
¥0241	Formwork (reinforced concrete HK4m)	m2	2.58	59, 3%	39, 9%	0.8%	2.9%	97.1%	224.00	342. 63	230. 76	4, 53]	16, 86	561.06	577.92	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	23.80	15, 2%	77.0%	7.8%	54. 0%	46, 0%	23, 30	84. 22	427. 03	13. 30	299. 42	255. 12	554, 54	
<b>WO7(1</b> ]	Precast Concrete Cover (580x480x70), furnish	each	1, 00	1, 3%	91,2%	7.6%	63.0%	37.0%	116.00	t. 45	105, 74	8. 81	73, 06	42, 94	116, 00	
W0702	Procast Concrete Cover (580x480x70), installation	each	1.00	89, 3%	1.3%	9.6%	5. 1%	94.6%	10, 30	9, 20	0, 11	U. 99	0. 55	9. 75	10, 30	
W0716	Steel Grate for Manhole Inlet, furnish & installation	¥g	5.04	38. 3%	55.0%	6. 7%	39. 0%	61, 0%	30, 30	58. 47	84. 06	10, 18	59, 56	93. 15	152. 71	
W0712	lron Step for Special Junction Box Manholes, furnish & installation	each	4,00	8, 5%	85,5%	5.9%	62.5%	37.5%	54, 40	18.60	186. 10	12, 89	136.07	81.53	217,60	
	Miscellaneous	LS	1.00							<u>    0. </u> 00,	0.00	0, 00	0.40	0,00	0,00	0.0%
	Total									<u>1, 618. 52</u>	2, 490. 47	621.56	1, 523, 19	3, 207, 37	4, 730. 56	
	Components (%)									34. 2%	52, 6%	13.1%	32. 2%	67, 8%	100.0%	
	Unit Kale	each			. –					1, 618, 33	2, 490, 18	621, 49	1, 523, 01	3, 206, 99	4, 730, 00	

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## 50<u>2(2)</u>c4 Junction Box Converted to Curb Inlet Manhole for RCPC 1- \$910 x 1-\$460\_

						Ûr	nít Rate	;				Amoun	ι			•
Item No.	Description	Unit	Quantity			ponent (			Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	Fur.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
#0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0.64	27, 3%	14, 7%	58, 0%			892, 00	155. 86	83. 70	331.32	233, 66	337. 22	570, 88	
WO025	Disposal of Demolished Debris	m3	0, 64	16, 2%	12.9%	70.9%	46. 9%	53.1%	137.00	14.25	11, 30	62, 13	41.10	46.58	87.68	
W0751	Concrete Hollow Block (160x200x400mm), furnish & Laying including mortar [i]]	each	52.00	48, 2%	50.0%	1.8%	19. 0%	81.0%	39, 00	978. 34	1, 013, 64	36, 02	384. 54	1, 643, 46	2, 028, 00	
¥Q203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	0.36	2.4%	82, 3%	15.3%	66, 9%	43.1%	1, 570, 00	13. 38	465, 39	86.43	321.58	243, 62	565.20	Loss 2.
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0.35		0, 2%	84, 3%	45, 2%	54.8%	257.00	13. 97	U. 18	75.80	40, 62	49. 33	89, 95	
W0237	Concrete Curing (reinforced concrete)	m3	0.35						4.21	L. 10	0, 11	0.26	0, 21	1.26	1.47	
W0241	Formwork (reinforced concrete H(4m)	m2	2.81	<b>59, 3%</b>	39, 9%	0.8%	2.9%	97, 1%	224.00	373. 17	251.33	4.94	18.37	611.07	629.44	
WO251	Reinforcement Grade 40, cutting, bending & assembly	kg	26. 07	15.2%	77.0%	7.8%	54.0%	46. 0%	23, 30	92. 25	467, 75	47. 43	327, 98	279.45	607.43	
W0701	Precast Concrete Cover (580x480x70), Surnish	each	1.00	1.3%	91, 2%	7.6%	63.0%	37.0%	116,00	I. 45	105, 74	8. 81	73.06	42, 94	116.00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1.00	89, 3%	1. 1%	9.6%	5.4%	91.6%	10, 30	9, 20	0, 11	0. 99	0. 55	9, 75	10, 30	
W0716	Steel Grate for Wanhole Inlet, furnish & installation	kg	5, 81	38, 3%	55, 0%	6.7%	39.0%	61.0%	30, 30,	67. 10	9fi, 90	11. 74	68.66	107, 38	176. 04	
W0712	lron Step for Special Junction Box Manholes, furnish & installation	each	4, 00	8. 5%	85. 5%	5, 9%	62.5%	37.5%	54, 40	18.60	186, 10	12.89	136.07	81.53	217.60	
	Miscellancous	LS	_1, 00							0.00	<u>8, 00</u>	0,00	0.00	0.00	0, 00	0.0%
	Total									1, 738. 97	2, 682, 26	678.76	i <u>, 646</u> , 48	3, 453, 59	5, 099, 99	
	Components (%)									34. 1%	52.6%	13.3%	32.3%	67.7%	100.0%	
	Unit Sale	each		1.						1, 738, 97	2, 682. 26	678.77	1, 646, 40	3, 453, 60	5, 100, 00	

(2) c5	Junction Box Converted to Curb Inlet Ma	1 T				U	nit Bate	9	· · · · · · · · · · · · · · · · · · ·			Amaun	1t	_	_	
ltem No.	Description	Unit	Quantity		Cor	aponent	(%)		Total			Component (PP)			Total	Remark s
		{		Lab,	Mat.	Equip.	For.	Local	(99)	Labor	Material	Equipment	Foreign	Local	(99)	
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	mЗ	Ŭ. 70	27.3%	14.7%	58, 0%	40. 9%	59, I <b>%</b>	892, 00	170. 47	91.55	362, 38	255, 57	368, 83	624. 40	
W0025	Disposal of Demotished Debris	m3	0.70	16.2%	12.9%	70,9%	46.9%	53.1%	137.00	15. 58	12.36	67, 96	44.96	50, 94	95, 90	
W0751	Concrete Hollow Block (150x200x400mm), [furnish & Laying including mortar fill	each	56.00	48.2%	50,0%	1.8%	19.0%	81, 1%	39, 00	1, 053, 59	1,091.61	38, 79	414.12	t, 769, 88	2, 184.00	
W0203	Concrete (Class A, 21MPa, max agg, 38mm)	n:B	0.41	2.4%	82.3%	15.3%	56.9%	43.1%	1, 570, 00	15.24	530.02	98, 44	366. 24	277.46	643.70	lass
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	т3	0.40	15.5%	0.2%	84. 3%	45. 2%	54.8%	257.00	(5, 97	0. 20	86, 63	46. 12	56, 38	102, 80	
₩0237 ₩0241	Concrete Curing (reinforced concrete) Formwork (reinforced concrete H(4m)	m3 m2	0.40 3.04	74, 6% 59, 3%	7.6% 39.9%		14.0% 2.9%		4.21 224.00	1.25 403.71	0.13 271,90	0, 30 5, 34	0. 23 19, 87	1, 45 661, 09	L 68 680, 96	
W0251	Reinforcement Grade 40, cutting, hending & assembly	kg	28. 34	15, 2%	77.0%	7.8%	54.0%	46.0%	23. 30	100. 28	598, 48	51,56	356, 54	303. 78	660, 32,	
W0701	Precast Concrete Cover (580x480x70), furnish	each	1.00	1, 3%	91,2%	7.6%	63, 11%	37.0%	[16.08	t. 45	105, 74	8, 81	73. 06	42, 94	116.00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1.00	89. 3%	1.1%	9, 6%	5,4%	94, 6%	10, 30	9, 20	0.11	0. 99	0, 55	9, 75	10, 30	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	6, 57	38, 3%	55.0%	6, 7%	39, 0%	61.0%	30, 30	76. 22	109, 68	13, 27	77, 64	121, 43	199, 07	
W0712	lron Step for Special Junction Box Manholes, furnish & installation	each	4, 00	8. 5%	85. 5%	5. 9%	62, 5%	37. 5%	54. 40	18.60	186, 10	12. 89	13 <del>6</del> .07	81.53	217, 60	
	Miscellaneous	LS	1.00							0.00	0, 00	0.00	0,00	0, 00	0.00	0.0
	Total									1, 881. 58	2, 907. 79	747.36	1,791.28	3, 745, 45	5, 536, 73	
	Components (%)									34.0%	<u>52</u> . 5%	13.5%	32.4%	67.6%	100, 0%	
	<u>Linit Kate</u>	each				. 1		1 1	}	1,882.69	2, 909, 511	747.80	1, 792, 33	3, 747, 67	5, 540, 00	

502 (2) c6	Junction Box Converted to Curb Inlet Ma	nhole	for RCPC 1- # 1	220 x 1	φ 460								Unit:	1.00	each	
							<u>nit Rate</u>	2				Αιαου	int.			
Item No.	Description	Unit	Quantity			ponent			Total			Component (PP)			Total	Remarks
ļ				Lab.	Mat.	Eguip.	For,	l.ocal	<u>(PP)</u>	Labor	<u>Haterial</u>	Equipment	Foreign	Local	(PP)	····
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0, 76	27. 3%	14.7%	58, 0%	40, 9%		892.00	185. 08	99. 10	393. 44	277.48	400, 44	677. 92	
W0025	Disposal of Demolished Debris	m3	0, 76	16.2%	12.9%	70.9%	46, 9%	53.1%	137.00	16. 92	13.42	73, 78	48. 81	55, 31	104.12	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each	59, 00	48. 2%	50.0%	1.8%	19, 0%	81.0%	39, 00	1, 110.04	1, 150, 09	40. 87	436, 30	1, 864. 70	2, 301. 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	0,45	2.4%	82.3%	15.3%	56, 9%	43.1%	1, 570. 00	16.72	581.73	108,04	401.97	304, 53	706.50	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0, 44	15.5%	0.2%	84, 3%	45. 2%	54.8%	257, 00	17.57	0. 22	95. 29	51. 07	62.01	113, 08	
W0237	Concrete Curing (reinforced concrete)	m3	0.44	74.6%	7.6%	17, 8%	11.0%	86, 0%	4. 21	1, 38	0.14	0, 33	0, 26	1.59	1.85	
W0241	Farmwork (reinforced concrete HK4m)	m2	3, 27	59, 3%	39.9%	0, 8%	2.9%	97.1%	224.00	434.26	292, 48	5.74	21.37	711.11	732.48	
W0251	Reinforcement Srade 40, cutting, bending a assembly	kg	30, 60	15.2%	77.0%	7.8%	64, O%	46. 0%	23, 30	108. 28	549, 03	55. 67	384. 97	328, 01	712.98	
W0701	Precast Concrete Cover (580x480x70), furnish	each	1,00	1, 3%	91.2%	7, 6%	63. 0%	37.0%	116,00	1. 45	105, 74	R, 81	73, 06	42. 94	116.00	
¥0702	Precast Concrete Cover (580x480x70), installation	each	1, 00	89, 3%	1.1%	9.6%	5.4%	94.6%	10, 30	9. 20	0, 11	0. 99	0, 55	9, 75	10. 30	
W(1716	Steel Grate for Manhale Inlet, furnish & installation	kg	7, 33	38, 3%	55.0%	6.7%	39, 0%	61.0%	30, 30	85. 04	122, 25	14.81	86.62	135, 48	222. 10	
W0712	lron Step For Special Junction Hox Manholes, furnish & installation	each	4. 00	8. 5%	85, 5%	5.9%	62.5%	37, 5%	54. 40	18. 60	186. 10	12.89	136, 07	8L 53	217,60	
L	Miscellancous	1,8	1.00	L						0.00	0.80	0,00	0, 00	0.00		0.0%
										2,004.54			1, 918, 54			
j	Components (%)									33.9%	52.4%		32.4%	67.6%		
	Unit Kate	each				L				2,005.92	3, 102, 85	811.23	1, 919, 86	4,000.14	5, 920, 00	

#### 502(2) c7 Junction Box Converted to Curb Inlet Manhole for RCPC 1-#1520 x 1-#460

502(2)c7	Junction Bex Converted to Curb Inlet Ma	<u>nhole</u>	for RCFC 1- #1	520 x 1-	¢ 460								Unit	1.40	each	
ltem No.	Description	Unit	Quantity		Cor	u n¢xonent	nit Rate	<u>-</u>	Total			Amos Component (PP)	in1		Total	Remarks
ILEN NO.	Description		quantity	Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Bquipment	Foreign	Loca	(PP)	NCHRI HS
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0.88					59, 1%	892.00	214. 31	115.09		321, 29	463, 67	784.96	
WOO25	Disposal of Demolished Debris	m3	0.88	16, 2%	12.9%	70, 9%	46.9%	53.1%	137.00	19.59	\$5, 54	85, 43	56, 52	64.04	120, 56	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each	66, 00	48. 2%	50.0%	1.8%	19.0%	81.0%	39. 00	1, 211, 74	1, 286, 54	45. 72	488, 07	2, 085, 93	2, 574, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	0.53	2.4%	82. 3%	16. 3%	56, 9%	43.1%	1, 570, 00	19, 70	685, 15	127.25	473. 43	358.67	A32.10	Loss 2.0
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0, 52	15, 5%	V. 2%	84, 33	45. 2%	54.8%	257.00	20. 76	0, 26	1)2.62	60, 35	73, 29	133. 64	
W0237 W0241	Concrete Curing (reinforced concrete) Formwork (reinforced concrete iK4m)	m3 m2	0, 52 3, 73	74.6% 59.3%				86.0% 97.1%	4, 21 224, 00	1, 63 495, 35	0, 17 333, 62		0.31 24.38	1.98 811.14	2, 19 835, 52	
₩0251	Reinforcement Grade 40, cutting, bending & assembly	kg	35. 04	15. <b>2%</b>	77, 0%	7.8%	54.0%	46, 0%	23, 30	123, 99	628, 70	63.74	440.83	375.60	816, 43	
W0701	Precast Concrete Cover (580x480x70), furnish	each	L 00	1.3%	91.2%	7.6%	63.0%	37.0%	[16, 00	1. 45	105, 74	8, 81	73.06	42.94	116. 00	
W0702	Procest Concrete Cover (580x480x70), installation	each	L 00	89, 3%	1.1%	9.6%	5, 1%	94.6%	10. 30	9, 20	0, 11	0, 99	0, 55	9, 75	10.30	
WQ716	Steel Grate for Manhole Inlet, furnish & linstallation	kg	8.62	38. 3%	55,0%	6,7%	39, 0%	61.0%	30. 30	100. 01	143. 77	17.41	191.87	159.32	261, 19	
W0712	lron Step for Special Junction Box Manholes, Furnish & installation	each	4, 00	8.5%	85, 5%	5, 9%	62. 5%	37.5%	54.40	18, 60	186, 10	12. 89	136. 07	81, 53	217.60	
	Miscellaneous	LS	<u> </u>							0,00	0.00		0.00	0.00	0, 00	0.0%
	Total									2, 266, 32	3, 500. 79		2, 176. 72	4, 527. 77		
	Components (%)	L								33, 8%	52.2%		32. 5%	67.5%	100.0%	
	Unit Rate	each								2, 264, 80	3, 498, 45	936, 75	2, 175, 27	4, 524, 73	6, 700, 00,	

### Junction Box Converted to Curb Inlet Manhole for RCPC 1-4610 x 1-4610 502(2)c12

502(2)c12	Junction Box Converted to Curb Inlet Ma	nho1e	for RCPC 1- # 6	<u>10 x I-</u>	¢ 610			_					Unit:	1,00	each	
		1					<u>nit Nate</u>	<u>.</u>		<u> </u>			nt			
l Lem Na.	Description	Uair	Quantity			ponent		- <u> </u>	Total			Component (PP)			Total	Romarks
	6 1/ 1 h h			Lab.	Mat.	Equip,	For.	l.ocal	(PP)	Labor	Material	Equipment	foreign	l.oca]	(PP)	
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0, 59,	27, 3%	14.7%	58.0%	40. 9%	59.1%	892, 00	143, 68	77, 16	305, 43	215, 41	. 310. 87	526. 28	
W0025	Disposal of Bemolished Debris	m3	0, 59	16.2%	12.9%	70.9%	46.9%	53.1%	137.00	13, 13	10, 42	57.28	37.89	42, 94	80, 83	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each	49. 00	48. 2%	50.0%	1.8%	19, 0%	81.0%	39, 00	921, 89	955, 16	33. 94	362. 35	L, 548, 65	1, 911, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	0.33	2.4%	82, 3%	15, 3%	56, 9%	43, 1%	1, 570, 00	12.26	426.60	79.23	294.78	223, 32	518, 10	Loss 2. 09
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	т3	0, 32,	15.5%	ย. 2%	84, 3%	45, 2%	54.8%	257, 00	12, 78.	0.16	69. 30	37. 14	45, 10	82. 24	
W0237	Concrete Curing (reinforced concrete)	л3	0.32	74.6%	7.6%	17.8%	14.0%	86, 0%	4, 21	1.01	0.10	0, 24	0, 19	1, 16	t, 35	
W0241	Formwork (reinforced concrete 1K4m)	] m2 ]	2.62	59, 3%	39, 9%	0,8%	2.9%	97.1%	224, 00	347, 94	234. 34	4, 60	17, 13]	569, 75	586.88	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	24, 25	15.2%	77.0%	7.8%	54.0%	46. 0%	23. 30	95. 81	435, 10	44. 12	305. 09	259, 94	565, 03	
W0701	Precast Concret# Cover (580x480x70), (Turnish	each	1, 00	1, 3%	91.2%	7.6%	6J. OX	37, 0%	116.00	1.45	105, 74	8. 81	73.06	42, 94	146, DD	
W0702	Precast Concrete Covor (580x480x70), installation	each	1,00	89, 3%	1.1%	9.6%	5.4%	91.6%	10, 30	9, 20	0, 11	0, 99	0.55	9.75	10, 30	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	4, 52	38, 3%	55.0%	6.7%	39, 0%	61: 0%	30. 30	52. 44	75, 39	9, 13	53, 42	83. 54	136.96	
W0712	Iron Step for Special Junction Box Manholes, furnish & installation	each	4,00	8. 5%	85, 5%	5, 9%	62.5%	37, 5%	51, 40	18. 60	186, 10	12. 89	136, 07	81,53	217.60	
	Miscellaneous	LS	1.00			L				0.00	0.00	0.00	0, 00	0,00	0,00	0.0%
	lotal									1, 620, 20	2, 506. 39		1, 533. 07	3, 219, 50	4, 752. 57	
	Components (%)									34.1%	52.7%	13. 2%	32, 3%	67. 7%	100, 0%	
	Unil Rate	each			[	1				1, 619, 32	2, 505, 04	625, 64	1, 532, 24	3, 217, 76	4, 750, 00	

502(2)c13	Junction Box Converted to Curb Inlet Ma	nhole	for RCPC 1-@7	60 x 1-	φ610								Unit:	1.00 c	ach	
		[					nit Kalo	2				Amou	nt	r		
ltem No.	Description	Unit	Quantity	· · · · · ·		ponent		1	Total			Component (PP)	- Franken - F		Total (PP)	Remarks
				l.ab,	<u>Mat.</u>	Equip,	Par.	Local	<u>(99)</u>	Labor	Materia	Equipment	Foreign	Local	((11)	
A0013	Demolition by Pneumatic Handbold Breaker (Lightly Reinforced Structures)	m3	0.66	27.3%	14.7%	58, 0%	48, 9%	59.1%	892.00	160, 73	86. 32	341, 67	240, 97	347. 75	588, 72	
¥0025	Disposal of Demolished Debris	<b>m</b> 3	0,66	16.2%	12.9%	70, 9%	46, 9%	53, 1%	137.00	14, 69	1 t. 66	64, 07	42.39	48.03	90, 42	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	52, 00	48. 2%	50. U%	1.9%	19, 0%	61, 0%	39.00	978. 34	1, 013, 64	36, 02	384. 54	1, 643, 46	2, 028, 00	
W0203	Concrete (Class A, 21MPa, max agg, 38mm)	m3	0.38	2.4%	82.3%	15.3%	56,9%	43, 1%	1, 570. 00	14, 12	491.24	91.24	339. 44	257.16.	596.60	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0, 37	15. 5%	0, 2%	84.3%	45, 2%	54, 8%	267.00	14, 77	0, 19	80, 13	42. 94	52, 15	95, 09	
W0237	Concrete Curing (reinforced concrete)	m3	0, 37	74.6%					4. 21	1.16	0.12		0.22	1.34	l, 56	
W0241	Formwork (reinforced concrete H<4m)	т2	2.87	59.3%	39, 9%	0.8%	2, 9%	97.1%	224.00	381.14	256. 70	5, 04	18.76	624.12	642.88	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	26. 63	15, 2%	77,0%	7.8%	51.0%	16, 0%	23, 30	94. 23	477.80	48. 45	335. 03	285, 45	620. 48	
W0701	Precast Concrele Cover (580x490x70), furnish	each	1, 00	1.3%	91, 2%	7.6%	63,0%	37.0%	116.00	1. 45	105, 74	8, 81	73. 06	42, 94	116.00	
W0702	Precast Concrele Cover (580x480x70), installation	cach	1,00	89. 3%	1, 1%	9, 6%	5, 4%	94.6%	10, 30	9, 20	0.11	0. 99	0. 55	9. 75	10.30	
W0716	Steel Grate for Manhole Inlet, Furnish & installation	kg	5.04	38. 3%	55.0%	6, 7%;	39, 0%	61.0%	30, 30	58. 47	84.06	10, 18	59. 56	93, 15	152. 71	
W0712	Iron Step for Special Junction Box Manholes, Furnish & installation	each	4.00	8, 5%	85, 5%	5.9%	62.5%	37.5%	54. 40	18.60	186.10	12.89	136, 07	81, 53	217.60	
	Miscellancous	LS	<u>1</u> .00							0,00	0.00	0,00	0.00	0.00	0, 00	0.0%
	Total									1, 746, 91	2, 713.67	699, 78	1, 673, 52	3, 486, 84	5, 160. 36	
	Components (%)									33.9%	52. 6%	13.6%	32.4%	67.6%	100,0%	
	linit Rate	each								1, 746, 79	2, 713, 48	699.73	1, 673, 41	3, 486. 59	6, 160, 00	

502(2)c14	Junction Box Converted to Curb Inlet Ma	nhole	for RCPC 1- #9	10 x L-	¢610								Unit:	1.00	each	
							nit Rat	e				Amor	unt			
Item No.	Bescription	Unit	Quantity	L		sponent		r	Total	<u> </u>		Component (PP)			Total	Remarks
				Lab.	<u>Mat.</u>	Equip.	for.	Local	(44)	Labor	Material	Equipment	Foreign	Local	(99)	
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0.72	· · · ·	14.7%	58.0%	40. <del>9</del> %	59, 1%	892.00	175, 34	94. 17	372.73	262. 87	379. 37	642, 24	
W0025	Disposal of Demolished Debris	m3	0.72	16, 2%	12.9%	70, 9%	46.9%	53.1%	137.00	16.03	12.71	69.90	46, 24	52.40	98, 64	
W0751	Concrete Hollow Block (150x200x405mm), furnish & Laying including mortar fill	each	56.00	48. 2%	50.0%	i, 8%	19. 0%	81.0%	39, 00	1, 053. 59	1,091.61	38. 79	414. 12	I, 769. 88	2, 184.00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	0.42	2.4%	82.3%	15.3%	56.9%	43.1%	1, 570, 00	15. <del>lí</del> l	542, 95	100.84	375. 17	284, 23	659, 40	Less 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0.41	15. 5%	0, 2%	84, 3%	45.2%	54.8%	257, 00	16, 37	0.21	88. 79	47.58	57.79	105, 37	
W0237	Concrete Curing (reinforced concrete)	m3	0, 41	74.6%	7,6%	17.8%	14,0%	86.0%	4. 21	1.29	0.13	0, 31	0.24	1.49	1.73	
W0241	Formwork (reinforced concrete H<4m)	m2	3, 14	59, 3%	39, 9%	0.8%	2, 9%	97.1%	224.00	416, 99	290, 85	5, 52	20. 52	682.84	703, 36	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	29. 13	15.2%	77,0%	7.8%	54.0%	46.0%	23, 30	103. 08	522, 66	52.99	366, 48	312.25	678, 73	
W0701	Precast Concrete Cover (580x480x70), Furnish	cach	1.00	1.3%	91.2%	7.6%	63, 0%	37.0%	116.08	1. 45	105, 74	8.81	73. 06	42. 94	116, 80	
₩0702	Precast Concrete Cover (580x480x70), installation	each	1, 00	89, 3%	1.1%	9.6%	5.4%	94.6%	10, 30	9, 20	Ð. 11	0, 99	0.55	9.75	10, 30	
W0716	Steel Grate for Manhole Inlet, Furnish & installation	kg	5.81	38. 3%	55,0%	6. 7%	39. 0%	61.0%	30, 30	67, 40	96, 90	. 11,74	68.66	107, 38	176, 04	
W0712	Iron Step For Special Junction Box Manholes, furnish & installation	each	4,00	8.5%	85. 5%	5.9%	62. 5X	37.5%	54, 40	18.60	186, 10	12.89	136.07	81.53	217, 60	
	Miscellaneous	1.5	1.00							0.00			0, 00	0.00	0.00	0.0%
	Total									1, 894. 96			<u>l, 811. 58</u>	3, 781, 83	5, 593. 41	
	Components (%)									33.9%			32, 4%	67.6%	100, 11%	
	Unit Rate	nach							1	1, 893. 81	2, 932, 35	763. 84	1, 810, 47	3, 779, 53	5, 590, 00	

#### 502(2) 015 Innetion Box Co rtad to Curb Inlat Manhola for RCPC 1-61070 - 1-6610

:(2)c15	Junction Box Converted to Curb Inlet Ma	<u> </u>			<u> </u>	U.	nít Kato	•	· · · · · · · · · · · · · · · · · · ·			Алюыг	Unit:			
Item No.	Description	Unit	Quantity		Con	ponent		T T	Total			Component (PP)			Total	Remarks
	· · · · · · · · · · · · · · · · · · ·			Lab.	Mat.	Equip.	For,	Local	(PP)	Labor	Material	Equipment	Foreign	Local	<u>(PP)</u>	
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0.79	27. 3%	14. 7%	58, 0%	40, 9%	59. <b>t%</b>	892, 00	192, 39	103.32	408. 97	288, 43	416, 25	704, 68	
W0025	Disposal of Demolished Debris	ո3	0.79	16.2%	12.9%	70.9%	46, 9%	53.1%	137.00	17, 59	13.95	76.69	50, 74	57.49	108, 23	
W0751	Concrete Hollow Block (150x208x400mm), furnish & Laying including mortar fit)	each	59.00	48, 2%	50, 0%	L. 8%	19.0%	91.O%	39, 00	1, 110, 04	1, 150. 09	40, 87	436, 30	1, 864, 70	2, 301, 00	
WH203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	0.47	2.4%	H2. 3%	15, 3%	56, 9%	43, 1%	1, 570. 00	17.47	607, 59	112.84	4 (9, 84	318.06	737.90	1.055
¥0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0, 46	15.5%	0, 2%	84. 3%	45, 2%	54, 8%	257. 00	18, 37	0. 23	99, 62	53, 39	64, 83	118.22	
W0237	Concrete Curing (reinforced concrete)	m3	0.46	74.6%			14.0%	86.0%	4. 21	t. 15	0, 15	0, 34	0, 27	1.67	1.94	
W0241	Formwork (reinforced concrete H<4m)	m2	3.40	59.3%	39,9%	0.8%	2.9%	97, t%	224.00	451.52	304. 10	5. 97	22. 22	739, 38	761,60	
	Reinforcement Grade 40, cutling, bending & assembly	ke (	31.62	15.2%	77.0%	7.8%	54.0%	46, 0%	23, 30	111.89	567, 34	57. 52	397. 81	338, 94	736, 75	
	Precast Concrete Cover (580x480x70), furnish	each	1.00	1.3%	91,2%	7.6%	63. 0%	37.0%	(16,00	L. 45	105, 74	8, 81	73.06	42, 94	116, 00	
	Precast Concrete Cover (580x480x70), installation	each	1.00	89, 3%	1, 1%	9, 6%	5.4%	94.6%	10, 30	9, 20	0, 11	0, 99	0.55	9, 75	10, 30	
	Steel Grate for Manhole Inlet, furnish & installation	kg	6. 57	38, 3%	55.0%	6. 7%	39. 0%	61, 0%	30, 30	76. 22	109. 58	13. 27	77.64	121, 43	199.07	
W0712	lron Step for Special Junction Box Manholes, furnish & installation	each	4.00	8,5%	85, 5%	5,9%	62.5%	37, 5%	54. 40	18.60	186. LO	12.89	136, 97	81,53	217.60	
	Miscellaneous	LS	1.00							0.00	0.00	0.00	0,00	0.00	0.00	D, O <u>X</u>
	Total									2, 026, 18	3, 148. 30	838.81	1, 956. 32	4, 056, 97	6, 013, 29	
	Components (%)									33.7%	52. 4%	13.9%	32.5%	67.5%	100.0%	
	Unit Rate	each			_					2,025.07	3, 146, 58	838.35	1, 955, 25	4, 054. 75	6,010.00	

#### 502(2)c16 Junction Box Converted to Curb Inlet Manhole for RCPC 1-01220 x 1-0610

2(2)c16	Junction Box Converted to Curb Inlet Ma	nhole,	for RCPC 1- \$1	220 x 1-	φ6 <u>ι</u> 0								Unit	<u>1.00 e</u>	ach	
r. u							hit Rate	)				Amount Contraction	<u>1</u>			D
Etem No.	Description	Unit	Quantity	Lab.	Mat.	ponent Fouin	For.	Local	Total (PP)	Labor	Material	Component (PP) Equipment	Foreign	Local	Total (PP)	Remarks
W0013	Demolition by Pneumatic Handhold Breeker (Lightly Reinforced Structures)	т3	0.85						892.00	207.00	111.17	440.03	310.33	447.87	758, 20	
W0025	Disposal of Demolished Debris	m3	0.85	16.2%	12, 9%	70.9%	46.9%	53.1%	137.00	18, 92	15, 01	82.52	54.59	61.86	116.45	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	<b>63, 00</b>	48.2%	50, 0%	l. 8%	19.0%	81.0%	39. 00	1, 185. 29	1, 228. 06	13. 61	465, 88	1, 991, 12	2, 457, 00	
#0203	Concrete (Class A, 21MPa, max agg.38mm)	[ m3 [	0.52	2.1%	82.3%	15.3%	56.9%	13.1%	1, 570, 00	19, 33	672.23	124.85	464,50	351,90	816,40	l.oss
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0, 51	15, 5%	0.2%	84. 3%	45. 2%	54.8%	257, 00	20. 36	0, 26		59, 19	71.88	131.07	
W0237	Concrete Curing (reinforced concrete)	m3	0.51						4. 21	1, 60	0.16		0, 30	1, 85	2.15	
₩0241	Formwork (reinforced concrete H<4m)	m2	3, 67	59.3%	39, 9%	0,8%	2.9%	97.1%	224, 00	487.38	328, 25	6. 45	23, 99	798.09	822, 08	
W0251	Reinforcement Grade 40, cutling, bending & assembly	kg	34, 11	15, 2%	77, 0%	7, 8%	54.0%	46.0%	23. 30	120, 70	612.01	62. 05	429, 13	365, 63	794, 76	
W0701	Precast Concrele Cover (580x480x70), Turnish	each	1.00	1.3%	91, 2%	7.6%	63.0%	37.0%	116.00	1.45	185. 74	8, 81	73.06	12.94	116.00	
W0702	Precast Concrete Cover (580x480x70), installation	each	t. 00	89. 3%	1.1%	9.6%	5. 1%	94.6%	10, 30	9, 20	0.11	0, 99	0, 55	9. 75	10, 30	
W0716	Steel Grate for Manhole inlet, furnish &	kg	7.33	38, 3%	55, 0%	6,7%	39.0%	61.0%	30, 30	85, 04	122. 25	14. 81	86. 62	135, 48	222.10	
W0712	lron Step for Special Junction Box Manholes, furnish & installation	each	4.00	8.5%	85, 5%	5, 9%	62.5%	37.5%	54. 40	18.60	186, 10	t 2. 89	136. 07	81. 53	217.60	
	Miscellaneous	LS	1.00							0.00	0.00		0.00	0,00	0,00	0.0%
	Total									2 <u>, 174, 89</u>	3, 381. 35		2, 104, 22	4, 359, 89	6, 161, 11	
	Components (%)	<b></b>								33.6%	52. 3%	14.0%	32.6%	67.4%	100.8%	
	Unit Rate	cach				L		1		2, 173, 49	3, 379, 20	907.30	2, 102. 88	4, 357, 12	5, 460, 00	

502(2)c17	Junction Box Converted to Curb	Inlet Manhole for RCPC 1- \$ 1520 x	< 1-¢610

2(2)ct7	Junction Box Converted to Curb Inlet Ma			020 A 1	<u> </u>		nit Rate	<u> </u>				Anour	ihnit: ut	1,00 e	acii	••
Item No.	Description	Unit	Quantity		Co	nponent			Total	<u> </u>		Component (PP)			Total	Romarks
				Lab.		Equip.		Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3 ·	ñ, 98	27. 3%	14. 7%	58.0%	40, 9%	59, 1%	892.00	238.66	128. 17	507. 33	357, 80	516.36	874.16	
WD025	Disposal of Demolished Debris	m3	0, 98	16, 2%	12.9%	70.9%	46.9%	53.1%	137.00	21.81	17.31	95.14	62, 94	71.32	134.26	
W0751	Concrete Hullow Block (150x200x400mm), Furnish & Laving including mortar fill	each	70, 00	48. 2%	50.0%	1.8%	19.0%	81, 0%	39.00	1, 316, 99	1, 364. 51	48, 49	517, 65	2, 212, 35	2, 730, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	0,62	2, 4%	82.3%	15.3%	56.9%	43.1%	1, 570, 00	23.04	801.50	148.86	553, 83	119.57	973, 40	Loss 2
\$3232	Concrete Pouring by Pump Vehicle (reinforced concrete)	т3	0, 61		0.2%	84.3%	45, 2%	54.8%	257.00	24. 35	0, 31	132, 11	70, 80	85. 97	156, 77	
W0237	Concrete Curing (reinforced concrete)	m3	0.61						4, 21	1. 92	0, 20	0.46	0.36	2.21	2.57	
W0241	Formwork (reinforced concrete H<4m)	m2	4.18	59, 3%	39.9%	0.8%	2.9%	97, 1%	224.00	555.11	373.87	7.34	27.32	909, 00	936, 32	
¥0251	Reinforcement Grade 40, cutting, bending & assembly	kg	38, 98	15. 2%	77.0%	7.8%	54.0%	46, 0%	23. 30	137. 93	699. 39	70. 91	490. 40	417, 83	908. 23	
W0701	Precast Concrete Cover (580x480x70), furnish	each	1, 00	1, 3%	91.2%	7.6%	63. 0%	37, 0%	116.00	L 45	105, 74	8, 81	73. 06	42, 94	116,00	
W0702	Precast Concrete Cover (580x480x70), installation	cach	1.00	89. 3%	1.1%	9.6%	5,4%	94. 6%	10. 30	9. 20	0.11	0, 99	0, 55	9, 75	10, 30	
W0716	Steel Grate for Manhole Inlet, Turnish & installation	kg	8.62	38. 3%	55, 0%	6, 7%	39, 0%	61.0%	30, 30	100. 01	143, 77	17.41	101.87	159. 32	261.19	
W0712	from Step for Special Junction Box Manholes, furnish & installation	cach	4, 00	8.5%	85, 5%	5.9%	62.5%	37, 5%	54, 40	18. 60	186. 10	12, 89	136.07	81, 53	217.60	
	Miscellaneous	LS	1.00							0.00	0, 00	0.00	H, 00	0.00	0, 00	0, 0%
	Total									2, 449. 08	3, 820, 97	1,050,75	2, 392. 64	4, 928. 16	7, 320, 80	
	Components (%)									33.5%	52. 2%	14. 4%	32.7%	67, 3%	100.0%	
	linit Rate	each								2, 448. 81	3, 820, 55	1,050.64	2, 392, 38	4, 927, 62	7, 320, 00	

502 (2) c2t	Junction Box Converted to Curb Inlet Ma	nholo	for RCPC 2- \$4	60 x 1-	¢ 460								Unit:	1,00	each	
					····		nit Rele					Amou	nt			
ltem No.	Description	Unic	Quantity			nponent			Total			Component (PP)	··		Total	Remarks
· · · · ·		ļ		Lah.	<u> Mat.</u>	Equip.	for,	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	······································
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0.68	27. 3%	14.7%	58, 0%	40, 9%	59.1%	892.00	165, 60	88, 93	352. 02	248, 27	358, 29	606. 56	
W0025	Disposal of Demolished Debris	m3	0, 68	16, 2%	12.9%	70, 9%	46.9%	53, 1%	137.00	15, 14	12, 01	66, 02	43.67	49.49	93.16	
¥0751	Concrete Bollow Block (150x200x400mm), furnísh & Laying including mortar fill	each	54, 00	48, 2%	50.0%	1, 8%	19, 0%	81, 0%	39. 00	1, 015, 97	1, 052. 63	37. 41	399, 33	1, 706, 67	2, 106. 00	
¥0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	0, 39	2, 4%	82.3%	15, 3%	56.9%	43.1%	1, 570, 08	14, 49	504, 17	93, 64	348, 38	263, 92	612, 30	Loss 2, 0%
¥0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0, 38	15. 5%	0, 2%	84.3%	45, 2%	54.8%	257.00	15. 17	U, 19	82. 30	14, 10	53. 56	97, 66	
₩0237	Concrete Curing (reinforced concrete)	m3	0.38	74, 6%	7,6%	17.8%	14.0%	86, 0%	4. 21	1, 19	0.12	0, 28	0. 22	1, 38	1.60	
¥0241	Formwork (reinforced concrete BK4m)	m2	2.95	59.3%	39, 9%	0.8%	2.9%	97.1%	224.08	39t. 76	263, 86	5, 18	19, 28	641.52	660, 80	
₩0251	Reinforcement Grade 40, cutting, bending & assembly	kg	27.65	15, 2%	77.0%	7, 8%	54.0%	46. 0%	23, 30	97. 84	496. ≀1	50, 30	347. 86	296. 39	644. 25	
W0701	Precast Concrete Cover (580x480x70), furnish	each	1,00	1, 3%	91.2%	7.6%	63, 8%	37.0%	116.00	1, 45	105, 74,	8. 81	73, 06	42.94	146,00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1, 09	89, 3%	J. 1%	9, 6%	5, 4%	94, 6%	10.30	9, 20	0.11	0, 99	0. 55	9, 75	10. 30	
W0716	Steel Grate for Manhole Inlet, Furnish & installation	kg	6.22	38, 3%	55. 0%	6.7%	39.0%	61, 0%	30, 30	72. 16	103. 74	12. 56	73. 51	114, 96	188, 47	
W0712	iron Step for Special Junction Box Manholes, furnish & installation	each	4.00	8. 5%	85, 5%	5.9%	62.5%	37.5%	54. 40	18, 60	186, 10	12. 89	136. 07	81, 53	217, 60	
	Miscellaneous	LS	1.00							<u>0. 00</u>	0,00	0.00	0, 00	0, 00	0.00	0.0%
	Total									1,818,58	2,813.71		1, 734, 30	3, 620, 40	5, 354. 70	
	Components (%)									34. 0%	52.5%		32.4%	67.6%	100.0%	
	Unit Rate	each	l		_					1, 816. <u>9</u> 9	2, 811.24	721.78	1, 732, 78	3, 617.22	5, 350, 00	

2(2)c22	Junction Box Converted to Curb Inlet Ma	1010	101 Kert 2-00	10 A L-	ψ 100 <u></u>	1	nit Kato	·	·····			Алоан	Unit:	1.00_c		
Item No.	Description	Unit	Quantity		Cor	nponen t			Total			Component (PP)			Total	Remarks
				Lab,	Ma t.	Equip.	For.	Local	<u>(PP)</u>	Labor	Material	Equipment	Foreign	[aca]	<u>(PP)</u>	
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0.81	27, 3%	14.7%	58, 0%	48, 9%	59. 1%	892, 00	197. 26	105. 94		295. 73	426, 79	722, 52	
W0025	Disposal of Demolished Debris	m3	0.81	16.2%	12.9%	70, 9%	46, 9%	53, 1%	137,00	18. 03	14.30	78.64	52.02	58, 95	110, 97	
W0751	Concrete Hollow Black (150x200x400mm), furnish & Laying including mortar fill	each	62.00	48. 2%	50. 0%	1.9%	19, 0%	83, 0%	39, 00	1, 166, 48	1, 208. 57		158.49	1, 959, 51	2, 418, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	0, 48	2.1%	82.3%	15.3%	56.9%	43.1%	1, 570, 00	17.84	620, 52	115.24	428. 77	324.83	753, 60	Loss
WO232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0. 47	15. 5%	0.2%	84, 3%	45, 2%	54, 8%	257,00	18, 77	0, 24	101.79	54, 55	66, 24	120, 79	
W0237	Concrete Curing (reinforced concrete)	m3	0.47	74, 6%	7,6%	17.8%	14.0%	96, O%	4.21	1.48	0.15	0.35	D, 28	L, 70	1.98	
W0241	Formwork (reinforced concrete H<4m)	m2	3. 47	59, 3 <b>%</b>	39, 9%	0.8%	2.9%	97.1%	224.00	460, 82	310, 37	6, 10	22.68	754.60	777, 28	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	32, 58	15. 2%	77,0%	7.8%	54. OX	46, 0%	23, 30	115. 28	584. 56	59. 27	409. 88	349, 23	759, 11	
W0701	Precast Concrete Cover (580x480x70), Furnísh	each	1.00	1.3%	91, 2%	7.6%	63, U%	37, 0%	116.00	1. 45	105. 74	8.8)	73, 06	42, 94	116.00	
W0702	Precast Concrete Cover (580x480x70), installation	each	L 00	89, 3%	1, 1%	9.6%	5, 4%	94, 6%	10. 30	9. 20	0. 11	0, 99	0, 55	9, 75	10, 30	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	7.82	38, 3%	55.0%	6.7%	39, U%	4i1,0%	30, 30	90, 73	130. 43	15. 80	92, 41	144, 54	236, 95	
W0712	Iron Step for Special Junction Box Manholes, Turnish & installation	each	4, 00	8, 5%	85. 5%	5, 9%	62.5%	37. 5%	51. 10	18, 60	186. 10	12. 89	136. 07	BL.53	217.60	
	Miscellaneous	LS	1,00							0.00	0,00	0.00	0.00	0, 00	0.00	0,0%
	Total									2, 115, 93	3, <u>267. 01</u>	862.15	2, 024, 49	4, 220, 61	6.245.10	
	Components (%)									33.9%	<u>52. 3%</u>	13.8%	32. 1%	<u>67.6%</u>	100.0%	
	Unit Bale	each						1	1	2, 117. 59	3, 269, 58	862.83	2,026.08	4, 223, 92	6, 250, 00	

#### 502(2)c23 Junction Box Converted to Curb Inlet Manhole for RCPC 2-\$760 x 1-\$460

		1 1					<u>nil Rate</u>					Amour	<u>νι</u>			
Item No.	Description	] Unit]	Quantity			iponent (			Total			Camponent (PP)			Total	Remarks
				Lab,	Mat.	Equip.	for.	Local	<u>(PP)</u>	l.abor	Material	Equipment	Foreign	Loca	(PP)	
A0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0, 94		14.7%			59.1%	<b>#92.</b> 00	228, 92	122, 94	486. 62	343. 19	495, 29	838, 48	
¥0025	Disposal of Demolished Debris	m3	0, 94	16, 2%	12.9%	70.9%	46.9%	53.1%	137, 06	20, 92	16,60	91.26	60.37	68, 41	128.78	
W0751	Concrete Bollow Block (150x200x400mm), furnish & Laving including mortar fill	each	70.00	48, 2%	50,0%	1.8%	19.0%	81. 0%	39, 00	1, 316, 99	1, 364, 51	18. 19	517, 65	2, 212, 35	2, 730, 00	
WO203	Concrete (Class A, 21MPa, max agg. 38mm)	l m3 l	0, 58	2.4%	82.3%	15.3%	56.9%	43. 1%	1, 570, 00	21, 56	749.79	139, 25	518, 10	392.50	910.60	Loss 2
¥0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	т3	0. 57	15.5%	0, 2%	84. 3%	45, 2%	54, 8%	257.00	22. 76	0. 29	123, 45	66.15	80. 34	146, 49	
W0237	Concrete Curing (reinforced concrete)	m3	0, 57	74.6%	7,6%	17.8%	11.0%	86.0%	4, 21	1, 79	0, 18	0. 43	0, 33	2, 07	2.40	
W0241	Formwork (reinforced concrete HC4m)	m2	3. 98	59.3%	39, 9%	0,8%	2.9%	97.1%	224.00	528, 55	355.98	Б. 99	26, 02	865, 50	891.52	
¥0251	Reinforcement Grade 40, cutting, bending & assembly	kg	37. 51	15.2%	77,0%	7.8%	54.0%	46, 0%	23, 30	132. 73	673, 01	68, 24	471.90	402.08	873, 98	
W0701	Precast Concrote Cover (580x480x70), furnish	each	L. 00	1.3%	91.2%	7.6%	63.0%	37.0%	116.00	1, 45	105. 74	B, 81	73, 06	42, 94	116.00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1,00	89, 3%	1, 1%	9,6%	5.4%	94, 6%	10. 30	9, 20	0, 11	0, 99	0. 55	9, 75	10, 30	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	9, 42	38. 3%	55.0%	6, 7%	39, 0%	fil. 0%	30, 36	109. 29	157.11	19, 03	111. 32	174. 11	285, 43	
W0712	Iron Step for Special Junction Box Mapholes, furnish & installation	each	4. 00	8. 5%	85, 5%	5, 9%	62, 5%	37.5%	54.40	18.60	186, 10	12. 89	136, 07	81.53	217, 60	
	Niscellancous	เร	1.00							0. 00.	Q, 80	<u>0, 00</u>	0.00	0,00	0.00	0.0%
	Total			1						2, 412, 76	3, 732, 37	1,006.45	2, 324, 72	4, 826. 86	7, 151. 58	
	Components (%)									33.7%	52.2%		32, 5%	67.5%	100.0%	
	Unit Rate	each								2, 412. 22	3, 731, 54	1,006,23	2, 324, 21	4, 825, 79	7, 150, 00	

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02 (2) c24	Junction Box Converted to Curb Inlet Ma	ubote		<u>10 x 1-</u>	# 100		nit Kate					Алюч	<u> </u>	1.0 <u>0 c</u>	ava	
Lem No.	Description	Unix	Quantity		Con	ponent			Total			Component (PP)	<u>n i</u>	<u> </u>	Total	Remarks
i celli noi				Lah.		Equip.		Local	(PP)	Labor	Material	Equipment	Foreign	Local	<u>(PP)</u>	
W0013	Demolition by Pneumatic Mandhold Breaker (Lightly Reinforced Structures)	rn3	1.07	27, 3%	14, 7%	58.0%			892.00	260. 58	139, 94		390, 66	563, 78	954, 44	
WO025	Disposal of Demolished Debris	m3	1.07	16. 2%	12.9%	70, 9%	46. 9%	53.1%	137.00	23, 82	18, 90	103.88	68, 72	77.87	146. 59	
W0751	Concrete Hollow Block (150x200x400mm), Furnish & Laying including mortar fi))	each	78.00	18. 2%	50,0%	1, 8%	19.0%	81.0%	39, 00	1, 167. 51	1, 520, 46	54. 03	576, 81	2, 465. 19	3, 842. 08	
<b>W0203</b>	Concrete (Class A, 21MPa, max agg.38mm)	m3	0, 67	2,4%	82.3%	15.3%	56. <b>9%</b>	43.1%	1, 570. 00	24, 90	866.14	160, 86	598, 49	453.41	1, 051, 90	ioss 2.
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0, 66	15. 5%	0.2%	84, 3%	45. 2%	54. <b>8%</b>	257.00	26, 35	0. 33	142, 94	76.60	93, 02	169.62	
W0237	Concrete Curing (reinforced concrete)	m3	0, 66		7.6%	17.8%			4, 21	2, 07	0.21	łł, 49	0.39	2, 39	2.78	
W0241	Formwork (reinforced concrete )K4m)	m2	4. 50	59.3%	39.9%	0, 8%	2.9%	97.1%	224.00	597.60	402, 49	7.91	29.41	978. 59	1,008.00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	42.44	15.2%	77, 8%	7.8%	54. 0%	16.0%	23, 30	150. 18	761. 47	77. 21	533, 93	454. 92	988, 85	
W1701	Precast Concrete Cover (580x480x70), furnish	each	1, 00	1.3%	91.2%	7,6%	63, 0%	37.0%	116.00	1, 45	106, 74	8, 61	73, 66	42. 91	116, 00,	
¥0702	Precast Concrete Cover (580x480x70), installation	each	1,00	89, 3%	1.1%	9.6%	5.4%	94, 6%	10.30	9, 20	0.11	0, 99	0.55	9,75	10. 30	
W0716	Steel Grate for Manhole Jolet, furnish & installation	kg	ŧ1.02	38, 3%	55. 0%	6, 7%	39.0%	61.0%	30, 30	127, 85	183, 80	22, 26	130, 23	203, 68	333, 91	
<b>W0712</b>	Iron Step for Special Junction Box Manholes, furnish & installation	each	4.00	8, 5%	85.5%	5, 9%	62. 5%	37. 5%	54, 40	18.60	186, 10	12. 89	136, 07	81, 53	217, 60	
	Miscellaneous	LS	1.00							0.00	0.00	0, 00	0.00	0,80	0.00	0,0%
	Total							Ĩ		2,710.11	4, 185, 68		2, 614. 92	5, 127.07	8,041.99	
	Components (%)									33. 7%	52.0%	<u> </u>	32.5%	67.5%	100.0%	
	Unit Rate	each								2, 709, 44	4, 184.65	L, 145, 91	2,614.27	5, 425, 73	8, 040, 00	

2(2)c25	Junction Box Converted to Curb Inlet Ma	1		<u></u>		U	it Rate	)	<u> </u>			Amour	Duit:	1.041 c		
Item No.	Description	Unit	Quantity		Con	ponent l			Total			Component (PP)			Total	Kemarks
				Lab.	Mat,	Equip.	For.	Local	(PP)	Labor	Materia]	Equipment	Foreign	Local	<u>(99)</u>	
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m.3	I. 21	27.3%	14.7%	58. 0%	40, 9%	59. 1%	892, 00	294. 67	158. 25	626. 39	441.77	637, 55	1,079.32	
W0025	Disposal of Demolished Debris	m3	1.21	16.2%	12.9%	70, 9%	46. 9%	53.1%	137, 00	26. 93	21.37	117, 47	77.71	88, 06	165, 77	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	87.00	48. 2%	50, łi%	1.8%	19, 0%	81.0%	39, 00	1, 636, 83	1, 695, 90	60, 27	643. 36	2, 749, 64	3, 393, 00	
W0203	Concrete (Class A, 21MPa, max agg, 38mm)	mЗ	0.79	2.4%	82.3%	15, 3%	56.9%	43. 1%	1, 570, 00	29, 36	1, 021, 27	189, 67	705.69	534, 61	1, 240, 30	Loss 2
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	ரைப	0.77	15, 5%	0, 2%	84. 3%	45. 2%	64.8%	257,00	30, 74	0. 39	166, 76	89. 17	108, 52	197. 89	
W0237	Concrete Curing (reinforced concrete)	m3	0.77	74.6%	7.6%	17.8%	14, 0%	86, 0%	4. 21	2, 42	0. 25	0.58	0.45	2, 79	3.24	
W0241	Formwork (reinforced concrete 804m)	m2	5.05	59, 3%	39.9%	O. 8%	2, 9%	97.1%	224.00	670, 64	451, 68	8.87	33.01	1,098.19	1, 131, 20	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	47.67	15. 2%	77.0%	7.8%	54, 0%	46. 0%	23, 30	168. <del>f</del> ib	855, 31	86. 72	599, 73	510.98	1, 110, 71	
W0701	Precast Concrete Cover (580x480x70), [Jurnish	each	1,00	1, 3%	91.2%	7.6%	63, 0%	37, 0%	116.00	1, 45	105, 74	8. 81	73. 06	42. 94	ርተብ, 00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1,00	89, 3%	1.1%	9.6%	5, 4%	94. 6%	10, 30	9, 25	0. 11	0, 99	0. 65	9, 75	10. 30	
W0716	Steel Grate for Manhole Inlet, furnish & installation	ЧB	12.89	38, 3%	55. OX	6.7%	39.0%	61.0%	30, 30	149, 55	214.99	26. 114	152. 33	238, 24	390. 57	
¥0712	<pre>lrow Step for Special Junction Box Manholes, furnish &amp; installation</pre>	each	4.00	8. 5%	85, 5%	5. 9%	62. 5%	37. 5%	54.40	18.60	186, 10	12, 89	136.07	81, 53	217.60	
	Miscellancous	LS	1.00							0.00	0.00	0.90	0,00	0,00	0, 00	0.0%
	Total									3, 839, 08	4, 711. 34	1, 305, 47	2,953.09	fi, 102, 81	<u>9, 055</u> . 90	
	Components (%)									33.6%	52.0%	14.4%	32.6%	67.4%	100, 0%	
	Unit Rate	each			_					3, 040. 46	4, 713, 48	1_306, 06	2, 954. 43	6, 105, 57	9,060.00	

#### Junction Box Converted to Curb Inlet Manhole for RCPC 2-63220 x 1-6460 502 (3) -76

(2) <u>e</u> 26	Junction Box Converted to Curb Inlet Ma						nit Rate					Amoun	ί			
lten No.	Description	Unit	Quantity		Con	ponent	(%)		Total			Component (PP)			Total	Remarks
		1		l.ah,	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0013	Demolition by Preumatic Handhold Breaker (Lightly Reinforced Structures)	m3	1, 35	27. 3%	14. 7%	58, 0%	40, 9%	59.1%	892.00	328, 77	176, 56	698, 87	492.88	711.32	1, 204. 20	
W0025	Disposal of Demolished Debris	m3	1.35	16.2%	12.9%	70.9%	46, 9%	53, 3%	137.00	30, 45	23, 84	131,06	86, 70	98, 25,	184, 95	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including montar fill	each	95, 00	48, 2%	50.0%	1.8%	19, 0%	81,0%	39. 00	1, 787, 35	L, 851, 84	65, 81	702. 52	3, 002, 48	3, 705, 00	
W0203	Concrete (Class A. 21MPa. max agg.38mm)	m3	0.80	2. 1%	82.3%	15.3%	56, 9%	43.1%	1, 570, 00	32.70	L [37, 6]	211, 28	786.08	595.52	1, 381, 60	Loss
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	mi	0, 86	(5, 5%	a. 2%	84.3%	45.2%	54, 8%	257,00	34. 34	0. 43	186, 25	99, 81	121.21	221,02	
W0237	Concrete Curing (reinforced concrete)	-m3	0.86	74.6%	7.6%	17.8%		86.0%	4. 21	2.70	0.28	0, 64	0, 51	3.11	3.62	
W0241	Formwork (reinforced concrete H<4m)	n2	5. 57	59.3%	39, 9%	0.8%	2, 9%	97.1%	224.00	739, 76	498, 19	9, 79	36.41	1, 211, 27	1, 247. 68	
₩0251	Reinforcement Grade 40, cutting, bending & assembly	kg	52, 60	15, 2%	77.0%	7,8%	54.0%	46. 0%	23, 30,	186. 13	943. 76	95. 69	661.75	563, 83	1, 225, 58	
W0701	Precast Concrete Cover (580x480x70), furnish	each	1, 00	1, 3%	91, 2%	7,6%	63, 0%	37.0%	116,00	l. 15	105. 74	8, NI	73, 86	42, 94	116,00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1, 90	89, 3%	1.1%	9.6%	5.4%	94, 6%	10, 30	9. 20	0.11	0, 99	0, 55	9, 75	10, 30	
W0716	Steel Graie for Manhole Inlet, furnish & instaliation	kg	14. 49	38. 3%	55, 0%	6.7%	39.0%	61, 0%	30, 30	168, 11	241.67	29, 27	171.23	267. 82	439, 05	
W0712	Iron Step for Special Junction Box Macholes, furnish & installation	each	4, 00	8, 5%	85. 5%	5.9%	62.5%	37. 5%	54. 40	18, 60	186, 10	12, 89	136, 07	81. 53	217.60	
	Miscellaneous	LS	1.90							0, 80	0, 00	0, 00	0,00	0,00	0.00	0.0%
	Total									3, 339, 09	5, 166, 14		3, 247, 58	6, 709, 02	9, 956, 60	
	Components (%)	I								33, 5%	51.9%	14.6%	32, 6%	67, 4%	100.0%	
	Unit Rate	each								3, 340, 24	5, 167, 91	1,451,86	3, 248, 69	6, 711, 31	9, 960, 80	

#### 502(2)c27 Junction Box Converted to Curb Inlet Membels for RCPC 2-\$1520 x 1-\$460

Unit Rate Amount Item No. Description Unit Quantity Component (%) Mat. Equíp. For. Local Total Component (P中) Total Remarks Labor Lab. (PP) Material Equipment Foreign l.ocal (PP)Demolition by Pneumatic Handhold Breaker ₩0013 **n**3 27, 3% 14.7% 58.0% 40.9% 59.1% 892.00 392, 89 833, 47 587.81 210.57 848, 31 1, 436. 12 1.61 (Lightly Reinforced Structures) WQ025 Disposal of Demolished Debris m3 1.61 16.2% 12.9% 70.9% 46.9% 53.1% 137, 00 35, 84 28, 43 156.30 103.40 117, 17] 220.57 Concrete Hallow Block (150x200x400mm), W0751 each 111.00 48, 2% 60, 0% 1.8% 19, 0% 81.0% 39.00 2, 088, 37 2, 163, 73 76, 90 820, 84 3, 508, 16 4, 329, 00 furnish & Laying including mortar fill #0203 Concrete (Class A, 21MPa, max agg.38mm) m3 56, 9% 1, 570. 00 1, 383, 23 256, 90 1.07 2.4% 82.3% 15.3% 43. 1% 39, 77 955, 80 1,679,90 724, 10 Loss 2.0% Concrete Pouring by Pump Vehicle W0232 mЗ 84.3% 45.2% 257.00 227, 40 1.05 15, 5% 0.2% 54.8% 0.53 121.86 147, 99 41.92 269,85 (reinforced concrete) W0237 Concrete Curing (reinforced concrete) т3 1.05 7.6% 17.8% 14.0% 4.21 74.6% 86.0% 3 30 0.34 0,79 0.62 3, 80 4 42 W0241 Formwork (reinforced concrete H<4m) m2 6.60 59.3% 39. 9% O, N% 2, 9% 97.1% 224.00876.48 590. 32 LL, 60 43.14 1, 435, 26 1, 478. 40 Reinforcement Grade 40, cutting, hending W0251 7.8% 54, 0% 23, 30 kg 62.47 15.2% 77.0% 46.0% 221.05 1, 120. 85 113, 65 785, 92 669, 63 1, 455. 55 & assembly Precast Concrete Cover (580x480x70), W0701 91.2% 63.0% cach 1.00 1,3% 7.6% 37.0% 116.00 105, 74 8.81 73.06 42, 94 116.00 1.45 furnish Precast Concrete Cover (580x480x70), W0702 each L 00 89, 3% 1.1% 9. fi% 5.4% 94.6% 10.30 9.20 0, 11 0, 99 0, 55 9,75 10.30 installation Steel Grate for Manhole Inlet, furnish & WO716 kg 17.69 38, 3% 55.0% 6, 7% 39.0% 30, 30 35, 73 209, 05 61.0% 205.23 295, 04 326, 96 536.01 installation Iron Step for Special Junction Box W0712 each 4.00 8.5% 85.5% 5, 9% 62.5% 37.5% 54, 40 18,60 186.10 12, 89 136,07 81, 53 217, 60, Manholes, furnish & installation ιs Miscellaneous 0.00 0.00 0, 00 0,00 0.00 0.0% 1.00 0. 00 11, 753, 72 Total 3, 933, 31 6, 084, 99 1, 735, 42 3, 838, 13 7,915,59 Components (%) 33, 5% 51.8% 14.8% 32, 7% 67, 3% 100.0% Unit Rate each 3, 948. 79 6, 108. 95 1, 742, 25 3, 853, 24 7,946,76 11,800.00

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I,00 each

Unit:

502 (2) c 32	Junction Box Converted	to Curb Inlet Manhole	for RCPC 2-\$610 x 1-\$610

						U	nit Rate	>	<u> </u>		_	Λmou	nt			
Item No.	Description	Unit	Quantity			ponent.			Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	NaLerial	Equipment	Foreign	Local	(PP)	
W0013	Bemolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0. 91	27. 3%		58. 0%	40, 9%	59.1%	892, 00	221.61	119, 02	-	332, 24	479. 48	811, 72	
W0025	Bisposal of Nemolished Debris	m3	0.91	16.2%	12.9%	70, 9%	46.9%	53.1%	137, 00	20.26	16,07	88.34	58.44	66.23	24.67	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	esch	66.00	48.2%	50.0%	1.8%	19.0%	61.0%	39.00	1, 241. 74	1, 286, 54	45.72	488.07	2, 085, 93	2, 574. 00	
W0203	Concrete (Class A. 21MPa, max agg.38mm)	m3 [	0.56	2.4%	82, 3%	15, 3%	56.9%	43.1%	1, 570.00	20, 81	723. 91	134. 45	500.23	378,97	879, 20	Loss 2.
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	mЗ	0, 55	15.5%	0.2%	84. 3%	45, 2%	54, 8%	257.00	24, 96	0, 28	119, 11	63, 83	77.52	141.35	
W0237	Concrete Curing (reinforced concrete)	En	0.55		7.6%				4.21	L 73	0, 18	0.41	0.32	2.00	2. 32	
W0241	Formwork (reinforced concrete HK4m)	m2 .	3.89	59.3%	39, 9%	0, 5%	2.9%	97.1%	224.00	516, 59	347. 93	6, 83	25, 43	845, 93	<b>87</b> 1, 36	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	36, 26	15. 2%	77.0%	7.9%	54. 0%	46. 0%	23, 30	128, 31	650, 59	65, 96	456.18	388, 68	844, 86	
W0701	Precast Concrete Cover (580x480x70), furnish	each	1,00	1.3%	91.2%	7.6%	63.0%	37. 0%	116.00	1, 45,	105, 74	8, 81	73. 06	42, 94	116, 00	
¥0782	Precast Concrete Cover (580x480x70), installation	each	1.00	89, 3%	1.1%	9.6%	5.4%	94, 6%	10, 30	9, 20	0, 11	0, 99	0, 55	9, 75	10, 30	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	7.82	38, 3%	55,0%	6.7%	39. 0%	61.0%	30, 30	98, 73	130, 43	15, 80	92. 41	144, 54	236, 95	
W0712	lron Step for Special Junction Box Manboles, Furnish & installation	each	4.00	8.5%	85, 5%	6, 9%	62.5%	37.5%	54, 40	18.60	186, 10	12, 89	136.07	81, 53	217.60	
	Miscellancous	1.5	L. 00							0.00	0, 00	00	0.00	0,00	0.00	0, 0%
	Iotal									2, 292, 99	3, 566. 91	970, 43	2, 226, 84	4,603.49	6, 830, 33	
	Components (%)									33.6%	52, 2%	14.2%	32, 6%	67.4%	100.0%	
	<u>Onit Rate</u>	each								2, 292, 88	3, 566, 74	970, 38	2, 226, 74	4, 603, 26	6,830.00	

							<u>it Rate</u>					Алюыл	1 <u></u>			
ltem No.	Description	Unit	Quantily			ponent			Total			Component (PP)			Total	Remarks
		$\square$		Lab.	Mat.	Equip,	For.	Local	<u>(PP)</u>	Labor	Material	Equipment	Foreign	Local	(PP)	
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	1.05	27. 3%	14, 7%	58.0%	40. 9%	59, 1%	892, 00	255, 71	137. 33	543, 57	383, 35	553, 25	936, 60	
¥0025	Disposal of Demolished Debris	m3	1.05	16.2%	12, 9%	70.9%	46.9%	53.1%	137.00	23, 37	18. 54	101, 94	67.43	76.42	143.85	
¥0751	Concrete Hollow Block (160x200x400mm), furnish & Laying including mortar fill	each	74.00	48, 2%	50,0%	1.8%	19, 0%	81,0%	39.00	1, 392, 25	1, 442, 49	51.26	547, 23	2, 338. 77	2, 886, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	0.67	2, 4%	82.3%	15.3%	56, 9%	43.1%	1,570,00	24, 90	866.14	160.86	598.49	453, 41	1,051.90	Loss 2
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0, 66	15, 5%	0. 2%	64.3%	45, 2%	54.8%	257, 00	26. 35	0, 33	142. 94	76. 60	93, 02	169.62	
¥0237	Concrete Curing (reinforced concrete)	m3	0, 66	74, 6%	7.6%	17.8%	14.0%	86.0%	4, 21	2.07	0, 21	0.49	0.39	2.39	2.78	
W0241	Formwork (reinforced concrete H<4m)	m2	4.48	59.3%	39, 9%	0,8%	2.9%	97, 1%	224.00	594, 95	400. 70	7.87	29. 28	974.24	1,003.52	
W0251	Reinforcement Grade 40, cutting, hending & assembly	kg	41, 69	15.2%	77.0%	7, 8%	54.0%	46. 0%	23, 30	147. 52	748.01	75, 84	524. 50	446, 88	971.3B	
W070]	Precast Concrete Cover (580x480x70), furnish	each	1, 00	1,3%	91.2%	7.6%	63. 0%	37.0%	116,00	1. 45	105. 74	R. 81	73. 06	42, 94	116.00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1.00	89, 3%	L 1%	9.6%	5.4%	94, 6%	10. 30	9, 20	0. 11	0. 99	0, 55	9, 75	10. 30	
W0716	Steel Grate for Manhole Inlet, furnish & jinstallation	kg	9, 42	38. 3%	55, 0%	6, 7%	39. 0%	61,0%	30. 30	109, 29	157. 11	19. 03	111.32	174, 11	285.43	
W0712	Iron Step for Special Junction Box Manholes, furnish & installation	each	4, 00	8, 5%	85. 5%	5.9%	62.5%	37.5%	54, 40	18, 60	186. 10	12. 89	136. 07	81.53	217.60	
	<u>Wiscellaneous</u>	LS	1.00							0.00	0.00	0, 00	<u>u. o</u> o	0,00	0.00	0.0%
	fotal									2, 605, 67	4, 062, 82	1, 126, 50	2, 548. 28	5, 246, 70	7, 794. 98	
	Components (%)									33. 4%	52.1%	14, 5%	32.7%	67.3%	100.0%	
	Unit Rate	each								2, 604, 00	4,060.22	1, 125, 78	2, 546, 65	5, 243, 35	7, 790, 00	

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)2 (2) c34	Junction Box Converted to Curb Inlet Ma					1)	nit Rate		·····			Λπουπ	Unit:		T	
Item No.	Description	Unit	Quantity		Con	ponent (	%)	[	Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Loca	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0D13	Demolition by Procumatic Mandhold Breaker (Lightly Reinforced Structures)	m3	1. 20	27. 3%	14.7%	58. 0%	40, 9%	69. I <b>X</b>	892, 00	292. 24	156, 94	621.22	438, 12	632, 28	1, 070, 40	
¥0025	Disposal of Demolished Bebris	m3	1.20	16, 2%	12.9%	70.9%	46.9%	53. 1%	137, 00	26.71	21, 19	116, 50	77.07	87.33	164, 40	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each.	82, 00	48, 2%	50, 0%	1.8%	19. OX	81.0%	39, 00	1, 542. 76	1, 598, 43	56. 81	606, 39	2, 591, 61	3, 198, 00	
¥0203	Concrete (Class A, 21MPa, max agg.38mm)		0, 79	2.4%	82.3%	15.3%	56, 9%	43.1%	1, 570, 00	29.36	1, 021, 27	189.67	705.69	634, 61	1.240.30	Loss 2.0
₩0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0, 77	15.5%	0.2%	84. 3%	45. 2%	54. 8%	257.00	30, 74	0, 39	166. 76	89, 37	108, 52	197. 89	
¥0237	Concrete Curing (reinforced concrete)	m3	0.77	71.6%					4. 21	2. 12	0, 25	0.58	0, 45	2.79	3, 24	
W0241	Formwork (reinforced concrete H<4m)	m2	5.06	59, 3%	39, 9%	0.8%	2.9%	97.1%	224.00	671.97	452, <b>5</b> 8	9, 89	33. 07	1, 190, 37	1, 133, 44	
WO251	Reinforcement Grade 40, cutling, hending & assembly	k R	47, 12	<b>₹5, 2%</b>	77.0%	7.8%	54. 0%	46, 0%	23, 30	166.74	845, 44	85. 72	592. 81	505, 09	l, 097, 90	
W0701	Precast Concrete Cover (580x480x70), (Curnish	each	1,00	1.3%	91, 2%	7.6%	63. OX	37.0%	116, 00	1. 45	105. 74	8, 81	73.06	12, 94	116, 00	
W0702	Precast Concrete Cover (580x480x70), installation	each	l. 00	89. 3%	t. 1%	9,6%	5. 4%	94.6%	10. 30	9, 20	0, 11	0, 99	0, 55	9. 75	10, 30	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	11.02	38, 3%	55.0%	6. 7%	39.0%	61.0%	30. 30	127.85	183, 80	22. 26	130. 23	203. 68	333, 91	
W0712	Iron Step for Special Junction Box Manholes, furnish & installation	each	4, 00	8, 5%	85. 5%	5.9%	62.5%	37, 5%	54, 40	t8, 60	186, 10	12.89	136. 07	81. 53	217.60	
	Wiscellaneous	15	1,00				l			<u> </u>	0, <u>0</u> 0	0.00	0, 10	0.00	0. 80	a, o%
	Total									2, 920. 04	4, 572. 24	1, 291, 10	2, 882. 87	5, 900, 51	8, 783, 38	
	Components (%)									33. 2%	52.1%	14.7%	32, 8%	67.2%	100. 0%	
	Unit Rate	each								2,918,92	4, 570, 48	1, 290, 68	2, 981, 76	5, 698. 24	8, 780, 00	

# 502 (2) c35 Junction Box Converted to Curb Inlet Mephale for RCPC 2-\$1070 x 1-\$610

)2 (2) c35	Junction Box Converted to Curb Inlet Ma	1		<u> </u>	4 0 1 0	()	VIL RALE	<u> </u>				สี่จะเหต	Doit:	1,00 с	<u></u>	
ltem No.	Description	Unit	Quantity		Сол	aponent (			Total	······································		Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(99)	_
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	1.36	27. 3%	14.7%	58. 0%	40, 9%	59.1%	892, 00	331. 20	177. 87	784. 05	496, 54	716, 58	1, 213, 12	
WD025	Disposal of Demolished Bebris	m3	1.36	16.2%	12.9%	71), 9%	46, 9%	53.1%	137.00	30, 27	24.02	132. 03	87.34	98, 98	186, 32	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill	each	91.00	18, 2%	50.0%	1.8%	19.0%	81.0%	39, 00	1, 712. 09	1, 773, 87	63.04	672. 94	2, 876, 06	3, 549. 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	mЭ	0.91	2.4%	82.3%	15.3%	56.9%	43.1%	1, 570, 00	33, 82	1, 176, 40	218.48	812, 88	615, 82	1, 428, 70	Loss 2.
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0, 89	15. 5%	0, 2%	84. 3%	15. 2%	54. <b>8%</b>	257, 00	35, 53	0.45	192. 75	103, 29	125, 44	228. 73	
W0237	Concrete Caring (reinforced concrete)	m3	0, 89	74,6%					4, 21	2.80	0.29	0.67	0, 52	3. 23	3, 75	
W0241	[Fornwork (reinforced concrete H<4m)	[ m2 [	5.70	59.3%	39, 9%	ศ. 8%	2.9%	97.1%	224.00	756, 96	509.82	16.01	37. 26	1, 239, 54	1, 276, 80	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	52.87	15.2%	77, L%	7.8%	54.0%	46.0%	23, 30	187, 08	9 <b>18.</b> fil	96, 18	665.15	566, 72	1, 231. 87	
W0701	Procast Concrete Covor (580x480x70), furnish	each	1,00	1.3%	91.2%	7.6%	63. 0%	37,0%	116.00	l. 45	105.74	<b>9</b> , 81	73.06	42, 94	116.00	
W0702	Procasi Convreio Cover (580x480x70), installation	cach	1.00	89, 3%	1. 1%	9.6%	5.4%	94.6%	10. 30	9, 20	0, 11	0, 99	0, 55	9. 75	10, 30	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	12, 89	38, 3%	55.0%	6.7%	39.0%	6i,U%	30, 30	149, 55	214.99	26. 04	152, 33	238. 24	390, 57	
W0712	[ron Step for Special Junction Box Manholes, furnish & installation	cach	4.00	8, 5%	85.5%	5.9%	62. 5%	37.5%	54. 40	18, 60	186, 10	12.89	136, 07	81.53	217.60	
	Miscellaneous	LS .	1,00				_			0, 00	0.00	0,00		0.00	0, 00	0.0%
	Tota									3, 268, 56	5, 118, 25		3, 237, 93	6,614.83	9, 852, 76	
	Components (%)									33. 2%	51.9%		32.9%	<u>67. 1%</u>	100.0%	
	linit Rate	each								3, 267. 65	5, 116, 82	1, 465, 54	3, 237, 02	6,612.98	9, 850, 00	

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2(2)c36	Junction Box Converted to Curb Inlet Ma				<u> </u>		nit Rate	;				Аточ	Unit:	1.00		
ltem No.	Description	Unit	Quantity		Co	nponent			Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Local	(99)	Labor	Material	Equipment	Foreign	Local	<u>(PP)</u>	
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	L, 50	27. 3%	11. 7%	58, 0%	40. 9%	59. 1%	892.00	365, 30	196, 18	776. 52	547.65	790, 35	1, 338, 00	
W0025	Disposal of Demolished Debris	_m3_	1.50	16.2%	12,9%	70, 9%	46.9%	53.1%	137.00	33, 39	26, 49	145, 62	96. 33	109.171	205.50	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laving including mortar fill	each	99.00	48. 2%	50, 0%	1, 8%	19, 0%	81.0%	39, 00	1, 862, 60	(,929,81	68, 58	732, 10	3, 128, 90	3, 861.00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	1.02	2.4%	82, 3%	15, 3%	56.9%	43.1%	1, 570, 00	37.91	1, 318.60	244.90	911, 14	690.26	1,601,40	Loss 2.1
W0232	Concrete Pouring by Pump Vuhicle (reinforced concrete)	m3	1.00	15.5%	0, 2%	84, 3%	45.2%	54.8%	257.00	39, 93	D, 50	216. 57	116,06	140. 91	257.00	
W0237	Concrete Curing (reinforced concrete)	m3	1.00	74.6%					4. 21	3.14	0.32		0, 59	3.62	4.21	
W0241	Formwork (reinforced concrete HK4m)	m2	6, 28	59.3%	39,9%	0.8%	2.9%	97.1%	224.00	833, 99	561.70	11,03	41.05	1, 365, 67	1, 406, 72	
¥0251	Reinforcement Grade 40, cutting, bending & assembly	kg	58, 30	15.2%	77.0%	7.8%	54, 0%	46, 0%	23. 30	206, 30	1, 046. 03	106, 06	733. 16	624, 93	1, 358. 39	
¥0701	Precast Concrete Cover (580x480x70), furnish	each	1.00	1.3%	91, 2%	7.6%	63. 0%	37, 0%	116.00	1, 45	105.74	8, 81	73, 06	42, 94	146, 00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1.00	89. 3%	1.1%	9.6%	5. 1%	94.6%	10, 30	9, 20	0. 11	0. 99	0.55	9. 75	10, 30	
W0716	Steel Grate for Manhole Inlet, Turnish & installation	kg	14, 49	38, 3%	55.0%	6.7%	39. 0%	61.0%	30. 30	168, 11	241, 67	29, 27	171.23	267, 82	439. 05	
W0712	Iron Step for Special Junction Box Manholes, furnish & installation	each	4, 00	8.5%	85, 5%	5.9%	62, 5%	37.5%	54, 10	18, 60	186. 10	12. 89	136.07	81, 53	217.60	
	Miscellancous	LS	1,00							a, oo	0.00	8,00	0.00	0.00	0.00	0.0%
	Total									3, 579, 91	5, 613. 26	1,622.00	3, 559. 30	7, 255, 87	10, 815. 17	
	Components (%)									33. 1%	51.9%		32.9%	67.1%	100.0%	
	Unit Rate	each								3, 574, 89	5, 605, 38	1, 619, 73	3, 554, 31	7, 245, 69	10, 800, 00	

502 (2) c37	Junction Box Converted to Curb Inlet Ma	nhole	for RCPC 2- \$ 1	520 x 1-	• ø 610						· · · · ·		Unit:	1.00	each	
		1	f				nit Rald	· · · · · · · · · · · · · · · · · · ·				Amor	<u>mt</u>			
Stem No.	Bescription	Unit	Quantity			nponent			Total (PP)			Component (PP)	_ <del></del>		Total (PP)	Remarks
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	- m3	1. 79	Lab. 27.3%	<u>мас.</u> 14.7%			Local 59, 1%	892.00	Labor 435, 92	Material 234.11	Equipment 926,65	Foreign 653, 53	Local 943, 15	1, 596. 58	
W0025	Disposal of Demolished Debris	mЗ	1, 79	<b>16, 2%</b>	12.9%	70.9%	46, 9%	53, 1%	137.09	39, 84	31.61	173, 78	114.96	130, 27	245. 23	
W0751	Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar [i]]	each	115.00	48, 2%	50, 0%	1.8%	19.0%	81.0%	39.00	2, 163, 63	2, 241. 70	79, 67	850, 42	3, 634, 58	4, 485. 00	
( W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	1.24	2, 4%	82, 3%	15.3%	56, 9%	43, 1%	L, 570. 00	46, 08	1, 603, 00	297.72	1, 107.66	839, 14	1, 946. 80	Loss 2,0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	mЗ	1. 22	15, 5%	0.2%	81.3%	45.2%	54.8%	257.00	48, 71	0, 61	264. 22	14t. 59	171.95	313, 54	
W0237	Concrete Curing (reinforced concrete)	na3	1.22	74.6%				86.0%	4.21	3.84	0, 39		0, 72	4.42	5, 14	
¥0241	Formwork (reinforced concrete H<4m)	m2	7.46	59, 3%	39.9%	0.8%	2.9%	97.1%	224.00	990, 69	667.24	13, 11	48.76	1,622,28	1,671.04	
₩0251	Reinforcement Grade 40, cutting, bending & assembly	kg	69.15	15, 2%,	77,0%	7.8%	54.0%	46, 0%	23, 30	244, 69	1, 240. 71	125. 80	869. 97	741, 23	1,611.20	
₩0761	Precast Concrete Cover (580x480x78), furnish	each	1, 00	1.3%	91.2%	7.6%	63, 0%	37.0%	116.00	1, 45	105, 74	8. 81	73.06	42. 94	116.00	
W0702	Precast Concrete Cover (580x480x70), installation	each	1. 00	89, 3%	1, 1%	9.6%	5, 4%	94, 6%	10, 30	9, 20	0, 11	0, 99	0, 65	9. 75	10. 30	
W0716	Steel Grate for Manhole Inlet, furnish & installation	kg	17.69	38, 3%	55, 0%	6.7%	39.0%	61.0%	30. 30	205, 23	295.04	35, 73	209. 05	326, 96	536.01	
W0712	Iron Step for Special Junction Box Manholes, furnish & installation	each	4.00	8, 5%	85, 5%	5.9%	62.5%	37, 5%	54. 40	18, 60	186.10	12.89	136. 07	81. 53	217.60	
	Miscellaneous	LS	1.00							0,00	0.00	Q. 00	0. 00	0, 00	0.00	0.0%
	Total									4, 207, 90	<u>fi, 606. 37</u>		4, 206, 34	8, 548. 20		
·	Components (%)									33.0%	51.8%		33. 0%	67.0%	100.0%	
	Unit Rate	each								4, 222, 89	6, 629, 92	1, 947. 19	4, 221. 33	8, 578, 67	12, 800, 00	

# 502(3)al Catch Basin for RCPC 1- \$ 460mm

Unit: 1.00 each

						U	nit Rate					<u>Amo</u> ı	unt			
Item No.	Description	Unit	Quantity		Cor	aponent	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	ior.	Local	(PP)	l.abor	Maturial	Equipment	foreign	l.ocal	(PP)	
W0161	Gravel Foundation Fill	m3	0.21	24.8%	13, 1%	62.1%	39, 17,	61.0%	390.00	20. 33	10.71	50.86	31.93(		81,90	1
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0.00	2.6%	80, 9%	16.6%	56.6%	43.4%	1,450.00	0.00	0.00	0, 00	0, 00	0,00	0,00	1.oss 2.0%
#0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	8,00	18, 8%	0, 2%	81.0%	43.4%	56. 6%	213.00	0.00	0. 00	. · · ·	a, ao	0.00	0.00	
W0236	Concrete Curing (plain concrete)	m3	0,00	70, 9%	8, 7%	20. 1%	16.0%	84.0%	8.85	0. UO	0.00	0,00	. 0.00	0.00	0.00	
W0243	Formwork (lean concrete)	n2	U. DO	41, 38	58,0%	0.8%	3, 8%	96. 2 <b>%</b>	152.00	0.00	0.00		0.00	0, 00	0, 110	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	n3	2.42	2.4%	82.3%	15.3%	56, 9%	43.1%	1, 570, 00	89, 94	3, 128, 44	581,03	2, 161, 72	1, 637, 68	3, 799, 40	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	ъЗ	2. 37	15, 5%	0, 2%	84. 3%	45. 2%	54.8%	257, 00	94.62	L. 19	, I	275. 06	1	609, 08	
W0237	Concrete Curing (reinforced concrete)	n3	2. 37	71.6%	7.6%	17.8%	14, 8%	86, 0%	4.21	7.45	0. 76		1, 39	8, 59	9, 98	1
W0241	Formwork (reinforced concrete HK4m)	m2	18, 81	59, 3%	39, 9%	0.8%	2.9%	97.1%	224.00	2, 497. 98	1,682.41	33, 05	122.95	4, 090, 49	4, 213, 44	Į
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	122, 20	15, 2%	77.0%	7.8%	54.0%	46. 0%	23. 30	432. 41	2, 192, 54		1, 537, 38	1, 309. 88	2, 847. 26	
	Miscellaneous	LS	1.00				_			0.00	0, 00		0.00	0.00	0.00	D, 0%
	Total									3, 142. 73			4, 130, 43	7, 430, 64	11, 561, 07	
	Components (%)									27, 2%	60, 7%	12.1%	35, 7%	64.3%	100.0%	
	Unit Rate	each								3, <u>153.</u> 31	7,039.68	1 <u>, 407. 01</u>	4, 144, 34	7, 455, 66	11, 600, 80	

502(3)82	Catch Basin for RCPC 1-\$610mm												Unit:	1.00	each	
			_ 1				nit Nate	e				άποι	int			
ltem No,	Description	Unit	Quantily		Con	ponent	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	<u>(PP)</u>	
W0161	Gravel Foundation Fill	m3	0.27	24.8%	13, 1%	62.1%	39, 0%	61.0%	390.00	26.14	13. 76		41.65	64.25	105.30	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	ō. 00	2.6%	80.9%	16.6%	56. 6%	43, 4%	1, 450. 00	0, 00	0.00	0.00	0,00	0.40	0, 00	Loss 2.0%
W0231	Concrete Pouring by Pump Vehicle (płain (concrete)	m3	0. 00	18.8%	0.2%	81.0%	43, 4%	56. 6%	213, 00	0.00	IJ. OO	0, 00	O. (II)	0.00	0.00	
W0236	Concrete Curing (plain concrete)	m3	0.00	70.9%	8.7%	20, 4%	16.0%	84.0%	8, 85	0, 00	Ð. DU		O. UD	0, 60	0. 00	1
W0243	Formwork (lean concrete)	m2	0, 00	41, 3%	58, 0%	0.8%	3.8%			0.00	8,00		0.00	0, 00	0, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	2.98	2.4%	82.3%	15.3%	56. 9X	43, 1%	1, 570, 00	110.75	3, 852. 37	715.48	2,661.95	2,016,65	4, 678, 60	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	2. 92	15. 5%	0.2%	84. 3%	45. 2%	54. H%	257, 00	116.58	1. 47		338, 90	411.54	750. 44	
W0237	Concrete Curing (reinforced concrete)	ա3 [	2. 92	74.6%	7.6%	17.8%	14.0%	86,0%		9, 17	0.94		1.72	10.57	12.29	
#0241	Formwork (reinforced concrete HK4m)	m2	23, 15	69, 3%	39, 9%	0,8%	2.9%	97.1%	224.00	3, 074, 34]	2, 070, 59	40, 67	151.32	5, 834, 28	5, 185, 60	Į
W0253	Reinforcement Grade 40, cutting, bending & assembly	kg	148.00	15.2%	77. OK	7,8%	54,0%	46.0%	23, 30	523.70	2, 655, 45	· · ·	1,861.96	t, <b>58</b> 6, 44	3, 448, 40	
	Miscellaneous	LS	1, 08							<u>0.00</u>	<u> </u>	0.00	0.00	0, 00	0.00	0,0%
	Total			-						3 <u>, 860</u> . 68	8, 594. 59	1, 725. 36	<u>5, 056, 89</u>	<u>9, 123, 74</u>	14, 180. 63	
	Components (%)									27.2%	60. 6%	12.2%	35, 7%	61.3%		
	Unit Rate	each								3, 865, 96	<u>8,606,33</u>	1, 727. 71	5,063.80	9, 136, 20	[4, 200, 00	

			_			լի	nit Raie					Anou	nt			
ltem No.	Vescription	Unit	Quantity		Cor	ponent (	%)		Total			Commonent (PP)			Total	Remarks
				Lab,	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0161	Gravel Foundation Fill	m3	0, 32	24, 8%	13, 1%	62.1%			390. 00	30, 98	16. 31	77, 51	48, 65	76.15	124.80	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0.00	2.6%	80, 9%	16.6%	56, 6%	43, 4%	1,450.00	0,00	0, 00	0, 80	0,00	0.00]	0. ORI	Loss 2. (
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 60	18, 8%	U. 2%	81.0%	43. 4%	56.6%	213.00	0, 00	0, 00	0. 00	0.00	0, 00	0, 00	
W0236	Concrete Curing (plain concrete)	m3	0.00	76, 9%	8, 7%	20.4%	16.0%	84.0%	8.85	0, 30	0, 00	0.00	0, 00	0, 00j	0.00	
W0243	Formwork (lean concrete)	m2	0.00	41.3%	58.0%	0.8%	3, 8%	96.2%	152,00	0.00	0.00	0, 80,	0,00	u. co	0, 00,	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	3, 55	2, 4%	62.3%	15.3%	56.9%	43.1%	1,570.00	131, 93	4, 589, 23	852.33	3, 171, 12	2, 402, 38	5, 573, 50	Loss 2.0
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	3, 48	15.5%	0.2%	84. 3%	45. 2%	54.8%	257.00	138, 94	1.75	753. 67	403, 89	490. 47	894. 36	
W0237	Concrete Curing (reinforced concrete)	m3	3, 48	74.6%	7.6%	17.8%	14.0%	86. 0%	4.21	10, 93	1.12	2, 60	2.04	12.61	14.65	
₩0241	Formwork (reinforced concrete R<4m)	m2	27. 47	59, 3%	39, 9%	0, 8%	2, 9%	97, 1%	224.00	3, 648. 04	2, 456, 98	48.26	179.56	5, 973, 72	6, 153, 28	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	174, 90	15.2%	77.0%	7.8%	54.0%	46. 0%	23. 30	618, 89	3, 138, 10	318: 18	2, 200, 39	1, 874, 78	4, 075. 17	
	Miscellaneous	1.5	1.00							<u>0.00</u>	0.00	<u>0.0</u> 0	<u>0, 00</u>	0.00	0.00	0.0%
	Total									4, 579, 71	10, 203. 50	2,052.55	6,005.65	0,830.11	tfi, 835, 76	
	Components (%)						]			27.2%	60. 6%	12. 2%	35, 7%	64.3%	100, 0%	
	Unit Rate	each							-	4, 569, 99	10, 181, 83	2, 048. 19	5, 992, 89	[0, 807, 11]	16, 800, 00	

(3) 84	Catch Basin For RCPC 1- \$910mm	т					nit Rete		······	~ <b>-</b>		Amou	Unit:	1.10 c	aca	
ltem No.	Description	Unit	Quantity		Car	ponent			Total			Component (PP)			Total	Remarks
				l.ab,	Mat	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
10161	Gravel Foundation Fill	m3	0, 37	24.8%	13.1%	62, 1%	39, 0%	61.0%	390.00	35, 82	18.86	89.62	56, 25	88.05	44, 30	
W0201	Lean Concrete (17MPa, max agg.38mm)		0.00	2.6%	80.9%	16.6%	56.6%	43.4%	1, 450, 08	0.00	0, 00	0, 00	0.00	0, 00	0.00	Loss 2
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	[ =3 ]	0.00	18, 8%	0.2%	81. 0%	43. 1%	56. <del>6</del> %	213, 04	0.03	0,00	0, 00	0.00	0.00	0.00	
W0236	Concrete Curing (plain concrete)	m3	0, 80	70, 9%	8, 7%	20, 4%	16.0%	84.0%	8, 85	0.00	0, 00,	0.00	0, 00	0.00	0.00	
¥0243	Formwork (lean concrete)	m2	0, 00	41.3%	6R. 0%	0,8%	3, 8%	96.2%	152.00	0.00	0.00	0, 00	0, 00	0, 00	0.00	
¥0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	4.16	2.4%	82.3%	15.3%	56, 9%	43.1%	1, 570, 00	154, 60	5, 377, 81	998, 79	3, 716, 02	2,815,18	6, 531, 20	Loss 2
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	4.08	15.5%	0.2%	84, 3%	45.2%	54.8%	257, 00	162, 90	2, 06	883, 61	473, 53	575. 03	1, 048, 56	
<b>₩0237</b>	Concrete Curing (reinforced concrete)	m3	4.08	74.6%	7.6%	17.8%	14.0%	86.0%	4. 21	12, 82	1.31	3, 05	2.40	14, 78,	17.18	
W0241	Formwork (reinforced concrete B<4m)	m2	32.15	59, 3%	39, 9%	0.8%	2.9%	97, 1%	224.00	4, 269, 54	2, 875, 57	56.48	210, 15	6, 991, 45	7, 201, 60	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	204.10	15.2%	77, 6%	7.8%	54.0%	46. 11%	23, 30	722. 21	3, 662, 81	371, 30	2, 567, 75	2, 187. 78	4, 755, 53	
	Miscellaneous	LS	L. 00							o, no	0.00	0, 00	0.00	0.00	0.00	0.0%
	Total						-			5, 357, 90	11, 937. 62	2, 402, 85	7, 026, 09	12, 672, 28	19, 698, 37	
	Components (%)									27.2%	60, 6%	12.2%	35.7%	64.3%	20.0%	
	Unit Rate	each								5, 358, 34	11, 938, 61	2, 403, 05	7, 026, 67	12, 673, 33	19, 700, 00	

502(3)a5	Cat <u>ch Basin for RCPC 1- ø1070mm</u>												Unit:	1.00	each	
							<u>iii Rate</u>	,				Amail	n I.			
ltem No.	Description	Unit	Quantity			ponent			Total	· · · · · · · · · · · · · · · · · · ·		Component (PP)			Tota)	Remarks
				Lab.	Mat.	Equip.	For.		<u>(PP)</u>	Labor	<u>Material</u>	Equipment	Foreign	Local	(P(')	
W0161	Gravel Foundation Fill	m3	0, 43	Z4. 8%	13.1%	62.1%	39.0%	61.0%	390.00	41,63)	21, 92	104, 15	65. 37	102, 33	167.70	
W0201	Lean Concrete (17MPa, max agg.38mm)	n J	0.00	2.6%	80, 9%	16, 6%	56.6%	43.4%	1,450.00	0.08	0,00	0.00	0, 00	Q. 90	0, 00	Loss 2.0%
. W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 60	18. 8%	0, 2%	81, 0%	13. 1%	56.6%	213, 00	0.00	0, 00	0. 08	0, 00	0, 00	· 0, 80	
W0236	Concrete Curing (plain concrete)	mЭ	0.00	70, 9%	8.7%	20.4%	16.0%	84, 0%	8, 85	0, 00	0,00	0.00	0,00	0. 00	0,00	
#0243	Formwork (lean concrete)	m2	0, 90	41.3%	58.0%	0.8%	3, 8%	96, 2%	152.00	0,00	ຄ. ຍອ	0.00	0.00	0, 00	0.90	
₩0203	Concrete (Class A, 21MPa, max agg, 38mm)	m3	4.87	2.4%	82, 3%	15.3%	56, 9%	43, 1%	1,570.00	180, 99	6, 295, 65	1, 169, 25	4, 350, 24	3, 295, 66	7, 645, 90	Loss 2,0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	4.77	15. 5%	0, 2%	84. 3%	45, 2%	54.8%	257, 00	190. 45	2, 40	1, 033, 04	553, 61	672. 28	1, 226, 89	
¥0237	Concrete Curing (reinforced concrete)	m3	4.77	74.6%	7,6%	17.8%	14,0%	86.0%	4, 21	14, 99	1, 53	3, 57	2, 80	17.28	20.08	Į
¥0241	Formwork (reinforced concrete H<4m)	m2	37.44	59, 35	39, 9%	0.8%	2.9%	97.1%	224.00	4, 972, 06	3, 348, 72	65, 78	244.72	8, 141, 84	8, 386, 56	1
¥0251	Reinforcement Grade 40, cutting, hending & assembly	kg	236, 20	15, 2%	77, 0%	. 7. 8%	54.0%	45. 0%	23. 30	835, 80	4, 237. <del>9</del> 6	429, 70	2, 971, 59	2, 531, 87	5, 503. 46	
	Miscellancous	LS	1.00							0. 00	0.00	0, 00	0.00	0. 08	Q. QU	0.0%
	Total									6, 235, 91	13, 908, 19	2, 805, 49	8, 188, 34	14, 761, 25	22, 949, 59	
	Components (%)									27. 2%	60.6%	12. 2%	35.7%	64.3%	100.0%	
	Unit Rate	each								6, 222, 44	13, 878. 14	2, 799, 42	8, 170, 65	14, 729, 35	22, 900.00	

						U	nit Rate					Алоц	nt			
fiem No.	Description	[Unit]	Quantity [		Соп	ponent (	(%)		Total			Component (PP)			Total	Remarks
				<u>,ab,</u>	Mat.	Eguip.	For.	Local	(99)	Labor	Material	Equipment	Foreign	Local	(PP)	
WO161	Gravel Foundation Fill	m3	0, 50	24, 8%	13, 1%	62.1%		61.0%	390.00	48, 41	25. 49	121.11	76, 02	118, 98	195.00	
WO201	Lean Concrete (17MPa, max agg.38mm)	m3	0, 00	2.6%	80.9%	16.6%	56.6%	13.1%	1, 450, 00	0.00	0, 00	0. 00	0, 00	0. 00	0.00	Loss 2.
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 00	18.8%	0, 2%	81, 0%	43, 4%	56.6%	213, 00	9, 00	0.00	. 0.00	0, 00	0, 00	Q, OQ	
¥0236	Concrete Curing (plain concrete)	m3	0.00	70.9%	8, 7%	20.4%	16.0%	84.0%	8,85	8,00	0,00	0, 00	0.00	0, 00	0.00	
W0243	Formwork (lean concrete)	m2	D, OO	41.3%	58.0%	0.8%	1,8%	96, 2%	152,00	U, QO	0,00	0, 00	H, OO	0.00	0.00	
WO203	Concrete (Class A, 21MPa, max agg.38mm)	m3	5, 58	2.4%	82.3%	15.3%	56, 9%	43.1%	1, 570, 00	207.38	7, 213, 50	1, 339, 72	4, 984, 47	3, 776, 13	8, 760, 60	Loss 2,
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	5, 47	15.5%	0, 2%	84. 3%	45, 2%	54.8%	257.00	218. 39	2, 76	1, 184. 64	634. 85	770, 94	1, 405, 79	
\$0237	Concrete Curing (reinforced concrete)	m3 (	5, 47	74.6%	7,6%	17.8%	11.0%	86.0%	4, 21	17. 19	1, 75	4.09	3, 21	19, 82	23.03	
W0241	Formwork (reinforced concrete H<4m)	- m2	12.87	59.3%	39, 9%	0.8%)	2, 9%	97.1%	224.00	5, 693, 17	3, 831, 40	75, 32	280.22	9, 322, 66	9,602.88	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	269. 90	15.2%	77, 0%	7.8%	54, 0%	46.0%	23. 30	955. 05	4, 842. 61	491, 00	3, 395, 56	2, 893. 11	6, 288. 67	
	Miscellaneous	LS	1.00							0,00	0.00	0,00	0.00	0,00	<b>b. 00</b>	0.0%
	Total									7, 139, 58	15, 920, 51	3, 215. 68	9, 374, 33	16, 901. 64	26, 275, 97	
	Components (%)									27.2%	60.6%	12.2%	35, 7%	64.3%	100.0%	
	llnit Rate	each								7, 146, 11	15, 935, 07]	3, 218, 82	9, 382, 90	16, 917, 10	26, 300, 00	

### 602 (3) <u>a7</u> Catch Basin for RCPC 1- # 1620mm

1, 00 each Unit

		1 1		-		U	nit Rate	9				Δmoi	unt			
Item No.	Description	Init	Quantity		Сол	ponent	(%)		Total			Component (PP)			Total	Kemarks
				Lab.	∦at.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0161	Gravel Foundation Fill	m3	0. 64	24.8%	13.1%	62, 1%			390, 00	61,96	32, 63		97, 38	152.30	249.60	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0, 86	2.6%	80. 9%	16.6%	56. 6%	43.4%	L, 450, QO	0, 00	0.00	Q. 00	0.00	0.00	0,00	Loss 2.0%
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0,00	18, 8%	0.2%	81.0%	43. 1%	56.6%	213. 00	0. 00	0.00		0. 00	0, 00	0.00	
W0236	Concrete Curing (plain concrete)	n 3	0.00	70.9%	8.7%	20.4%	16.0%	84.0%	B. 85	0.00	0.00	0.00	0. 00	0, 00	0.00	
¥0243	Formwork (lean concrete)	m2 .	0, 80	41.3%	58.0%	0.8%	3.8%	96.2%	152.00	0, 00	fl, 00	0, 00	0, 00	0, 80	0, 00	
W0203	Concrete (Class A, 21MPa, max agg, 38mm)	m3	7, 15	2, 4%	82, 3%	15, 3%	56, 9%	43.1%	1, 570. 00	265.73	9, 243, 11	1, 716. 67	6, 386, 90	4, 838, 60	11, 225, 50	Loss 2.0%
¥0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	7, 01	15, 5%	0, 2%	84, 3%	45. 2%	54, 8%	257.00	279, 88	3. 53	1, 518. 16	813. 59	987. 99	1, 801. 57	
W0237	Concrete Curing (reinforced concrete)	m3	7.01	74, 6%	7.6%	17.8%	14.0%	86.0%	4. 21	22. 02	2.25	5. 24	4. 12	25, 39	29.51	
W0241	Formwork (reinforced concrete HK4m)	m2 1	54, 79	59, 3%	39.9%	0.8%	2.9%	97.1%	224, 00	7, 276, 15	4, 900, 55	96, 26	358, 13	11, 914, 83	12, 272, 96	
	Reinforcement Grade 40, cutting, hending & assembly	kg	343.80	15. 2%	77.0%	7.8%	54.0%	46, 0%	23, 30	1, 216, 55	6, 168, 55	625.44	4, 325, 29	3, 685, 25	8, 010, 54	
	Miscellaneous	I.S	1.00							0.00	0,00	0,00	0.00	0,00	0,00	0.0%
	Total									9, 122, 29	20, 350, 61	4, 116, 78	11, 985. 32	21, 604, 36	33, 589, 68	
	Components (%)									27.2%	60. 6%	12.3%	35. 7%	64. 3%	100,0%	
	Unit Rate	each								9, 125, 09	20, 356, 86	4, 118, 05	11,989,01	21,610,99	33, 600, 00	

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# 502(3)bi Catch Basin for RCPC 2- \$ 460mm

502 (3) bi	Catch Basin for RCPC 2- \$460mm													1.00	each	
						U	nit Rate	;				Δπο	unt	· · · · · · · · · · · · · · · · · · ·		
Item No.	Description	Unit	Quantity			nponent			Total			Component (PP)			Total	Remarks
				Lab,	Mat.	Equip.	For,	Local	(PP)	.abor	Material	Equipment	Foreign	Local	(PP)	
W0[61	Gravel Foundation Fill	m3 i	0.32	24.8%	13, 1%	62, 1%	39. 0%	61.0%	390, 00	30, 98	16, 31		48.65	76.15	124. 80	
W0201	Lean Concrete (17MPa, max agg.38mm)	mЭ	0.00	2.6%	80.9%	16.6%	56.6%	43.4%	1, 450.00	0.00	Ű, ÜÜ	0,00	0, 00	0, 00	0.00	Loss 2.0%
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	тЭ	0.00	18.8%	0.2%	81.0%	43. 4%	56, 6%	213,00	a. oo	0.00	0, 00	0.00	0, 00	0.00	
¥0236	Concrete Curing (plain concrete)	m3	0.00	70.9%	8.7%	20.4%	16.0%	84, 0%	8, 85	8, 00	0, 00	0.00	0.00	0,00	0,00	1
W0243	Formwork (leap concrete)	m2	0, 00	41.3%	58.0%	0.8%	3.8%	96.2%	152.00	0,00	0, 00	0.00	0.00	0.00	0.00	1
A0\$03	Concrete (Class A, 21MPa, max agg 38mm)	m3	3, 49	2, 4%	82.3%	15, 3%	56.9%	43.1%	1, 570, 00	129, 70	4, 511, 67	837.93	3, 117, 52	2, 361, 78	5, 479, 30	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	3. 42		0,2%	84, 3%	45. 2%	54.8%	257, 00	136, 55	1.72		396, 93	482.01	878, 94	
W0237	Concrete Curing (reinforced concrete)	m3	3. 12	74,6%	7,6%	17.8%	11.0%	86.0%	4.21	10, 75	1.10		2.01	12.39	14.40	
W0241	Formwork (reinforced concrete H<4m)	m2	25.00	59, 3%	39, 9%	0,8%	2.9%	97, 1%	224.00	3, 320, 02	2, 236. 06	43, 92	163, 41	5, 436, 59	5,600,00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	167, 10	15, 2%	77.0%	7, 8%	54.0%	46.0%	23. 30	591.29	2, 998. 15	303. 99	2, 102, 25	1, 791, 18	3, 893, 43	
	Miscellaneous	LS	1.00							Ű. OØ	(J. 00)		0.00	0, 00	0.00	0.0%
	Total									4, 219. 28	9, 765, 01		5, 830, 78		15, 990, 87	
	Components (%)									26.4%	61.1%	12.5%	36, 5%	63, 5%	100, 0%	
	Unit Rale	each								4, 221, 69	9, 778, 59	2,007.72	5,834.11	10, 165, <u>89</u>	16, 000, 00	

502 (3) b <u>2</u>	Catch Basin for RCPC 2- \$610mm												Unit:	1.00	<u>eac</u> h	
							nit Rate	2				Λποι	unt			
Item No.	Description	llnii	Quantity		. Con	nponent	(5)		Total			Component (PP)			Tutal	Remarks
				Lab.	Mat.	Equip.	For.	l.ocal	(PP)	Labor	Materia]	Equipment	Foreign	Local	(PP)	
W0161	Gravel Foundation Fill	m3	0.43	24.8%	13, 1%	62.1%	39, 0%	61.0%	390.00	41, 63	2t. 92	104.15	65.37	102, 33	167.78	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	li, 00	2.6%	80, 9%	16.6%	56.6%	43.4%	1,450.00	0.00	0, 00	0.80	0,00	0.00]	0.00	1.oss 2, 0%
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00	18.8%	0.2%	81.0%	43.4%	56, 6%	213, 00	Q, QV	0.00	0. 00	0.00	0, 00	0. 00	
¥0236	Concrete Curing (plain concrete)	m3	0.00	70, 9%	8,7%	20.4%	16.0%	84.0%	8, 85	0.00	0.00	0,00	0,00	a, ool	0.00	ļ
W0243	Formwork (lean concrete)	- m2	0.00	41.3%	58.0%	0.B%	3.8%	96. 2%	152.00	0, 00	0.00	0.00	0.00	a, co	0,00	
¥0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	4. 52	2.4%	82.3%	15, 3%	56, 9%	43.1%	1, 570, 00	167.98	5, 843, 19	t, 085, 22	4, 037, 60	3, 058, 80	7, 096, 40	Loss 2,0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	4. 43	15. 5%	0.2%	84, 3%	45. 2%	54.8%	257.00	176. 87	2, 23	959, 41	514, 15	624, 36	l, 138.51	
W0237	Concrete Curing (reinforced concrete)	m.3	4.43	74.6%	7,6%	17,8%	14.0%	86.0%	4. 21	13. 92	1.42	3, 31	2, 60	16.05	18.65	
W0241	Formwork (reinforced concrete H<4m)	m2	31, 96	59.3%	39.9%	0,8%	2.9%	97.1%	224,00	4, 244, 31	2, 858, 58	56, 15)	208. 90	6, 950, 14,	7, 159, 04	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	214.50	15.2%	77.0%	7.8%	54.0%	46. 0%	23, 30	759, 02	3, 848, 61	390, 22;	2, 698. 59	2, 299, 26	4, 997. 85	
	Miscollaneous	LS	1,00							0, 00	0, 00		0.00	<u> </u>	0,00	0.0%
	Total									5, 403. 73	12, 575. 96		7, 527. 21	13, 050, 94	20, 578, 15	
	Components (%)						l			26.3%	61.1%	12, 6%	36, 6%	63. 4%	100, 0%)	
	Unit Rate	each					L	1		5, 409, 46	12, 589, 31	2,601.22	7, 535, 20	13, 064, 80	20, 600, 00	

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502 (3) b3	Catch Basin for RCPC 2- \$760mm												Unit:	1.00	eaclı	
1. N			0. 1.				nit Rale				· · · · · · · · · · · · · · · · · · ·	Amoi	int	т	Total	Remarks
ltem No.	Bescription	Unit	Quantity	Lab.	Mat.	Equip.	For.	l.oca]	Total (PP)	Labor	Material	Component (PP) Equipment	Foreign	Local	Tetal (PP)	KCIERTKS
W0161	Gravel Foundation Fill	m3	0, 55	24.8%	13, 1%				390.00	53, 25	28.04		83.62	130, 88	214.50	
W0201	Lean Concrete (17MPa, max agg.38mm)	mЭ	0, 00	2.6%	80. 9%	16.6%	56,6%	43, 4%	1, 450. 00	0.00	B, 00	0, 00	0.00	0, 00	0.00	Loss 2.0%
W0234	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 10	18, 8%	0.2%	81.0%	43, 4%	56, 6%	213.00	0, 0U	0, 00	0, 00	0.00	0, 00	0.00	
¥0236	Concrete Curing (plain concrete)	m3 [	0, 00	70,9%	8.7%	20.4%	16.4%	84, 0%	8.85	D, DO)	0.00	( 0.04)	0.00	0, 04	0.00	
W0243	Formwork (lean concrete)	m2	0,00	41.3%	58.0%	0.8%	3,8%	96.2%	152.00	0.00	0.00	0.00	0,00	0.00	0.00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	5.61	2, 4%	82, 3%	15.3%	56.9%	43, 1%	1,570.00	208, 49	7, 252, 28	1, 346, 92	5,011.26	3, 796, 44	8, 807, 70	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	т3	5. 50	15.5%	0,2%	84. 3%	45. 2%	54, 8%	257, 00	219, 59	2. 77	1, 191, 14	638. 33	775, 17	1,413.50.	
W0237	Concrete Curing (reinforced concrete)	m3	5.50	74.6%	7.6%	17.8%	14.0%	86, 0%	4.21	17.28	1.76	4. 11	3.23	19, 93	23.16	
W0241	Formwork (reinforced concrete U<4m)	m2	39, 20	59.3%	39.9%	0.8%	2,9%	97.1%	224.00	5, 205, 79	3, 506, 14	68.87	256.23	8, 524, 57	8, 780, 80	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	265, 60	ł5. 2%	77.0%	7.8%	54, 0%	46.0%	23. 30	939. B3	4, 765, 46	483. 18	3, 341, 47	2, 847. 01	6, 188, 48	
	Miscellaneous	LS	1.00							0.00	0.00	0.00	0,00	0, 0 <u>0</u>	n, oo	0.0%
	Total									6, 644, 24	15, 556, 46	3, 227. 44	9,334.14		25, 428, 14	
	Components (%)									26.1%	61.2%		36.7%		109.0%	
	Unit Rate	each								6, 636, 88	15, 539, 25	3, 223. 87	9, 323, 81	16, 076, <u>19</u>	<u>25, 400, 00</u>	

						U	it Rate				-	Amour	ıt			
Item No.	Description	Unit	Quantily	_	Соп	ponent (	%)		Total			Component (PP)			Total	Remarks
	_			Lab.	Mat,	Equip.	For,	Local	(99)	Labor	Material	Equipment	Foreign	l.oca1	(PP)	
W0161	Gravel Foundation Fill	m3	0, 67	24, 8%	13.1%	62.1%	39.0%	61.0%	390.00	64.86	34.16	162, 28	101.86	59, 44	261, 30	
¥0201	Lean Concrete (17MPa, max agg.38mm)	mЗ	0.00	2.6%]	80.9%	16, 6%	56, 6%	43.4%	1, 450, 00	0.00	a, ooj	0.00	0,00	0.00	0, 00	Loss 2.0
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00	18.8%	8.2%	81.0%	43, 4%	56. 6%	213, 00	0,00	0, 00	0.00	0, 00	0. 08	Ð. 00	
W0236	Concrete Curing (plain concrete)	m3	0.00	70.9%		20.4%			8, 85	0.00	0, 00	0.00	0, 00	0.00	0.00	
W0243	Formwork (Jean concrete)	m2	0.00	41.3%		0,8%	3,8%		152.00	U. CO	0, 00	0, 00]	0, 00	0, 00	0, 00	
W0203	Concrete (Class A, 2190a, max agg.38mm)	m3	6.80	2.4%	82.3%	15.3%	56, 9 <b>%</b>	43.1%	1, 570. 00	252, 72	8, 790, 65	1, 632, 63	6, 074, 26	4,601,74	10, 676, 00	Loss 2.0
WO232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	6. 67	15, 6%	0, 2%	84. 3%		1	257.00	266, 30	3. 96	1, 444. 52	774. 12	940, 07	1, 714, 19	
W0237	Concrete Curing (reinforced concrete)	m3	6.67	74.6%					4, 21	20, 96	2.14	4. 99	3. 92	24, 16	28.08	
WO241	Formwork (reinforced concrete HK4m)	m2	47.11	59, 3%	39,9%	0.8%	2.9%	97.1%	224.00	6, 256, 24	4, 213, 63	82, 77	307, 93	10, 244, 71	10, 552. 64	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	316.00	15.2%	77.0%	7.8%	54.0%	46. 0%	23. 30	L, LIB. 18	5, 669, 75	574. 87	3, 975, 54	3, 387. 26	7, 362, 80	
	Miscellaneous	LS	1.00		1					<u>0.00</u>	0.00	0.00	0,00	0, 00	0, 00	0.0%
	Total							_		7,979.26	18, 713. 69	3, 982, 06	11, 237, 63	19, 357, 38	30, 595, 01	
	Components (%)						_			26.1%	61.2%	12.8%	36, 7%	63. 3%	100,0%	
	Unit Rate	each								7, 980, 56	18, 716, 71	3, 902. 70	11, 239, 47	19, 360, 53	30, 600, 00	

502 (3) b5	Catch Basin for <u>RCPC</u> 2- \$1070mm												Unit:	1,00 (	nch	
							nit Rate					Атоц	nt			
ltem No.	Description	Unit	Quantity	<u> </u>		nponen 1			Total			Component (PP)			Total	Remarks
				Lab,	Mat.	Equip.		Local	(99)	Labor	Material	Equipment	Foreign	Local	<u>(PP)</u>	
W0161	Gravel Foundation Fill	m3	0, 81	24.8%		62.1%		61.0%	390, 00	78.42	41.29	196.19	123.15	192, 75	315, 90	
W0201	Lean Concrete (17MPa, max agg.38mm)	ա3	0.00	2.6%	80, 9%	16.6K	56.6%	43.4%	1, 450, 00[	a. aa j	0.00	a. oo	0.00	0.00	0.00	Loss 2.0%
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0.00	18.8%	0.2%	81.0%	43, 4%	56, 6%	213.00	0, 00	0. 00	0, 00	0, 00,	0.00	0, 00	
W0236	Concrete Curing (plain concrete)	m3	0.00	70.9%	8.7%	20.4%	16,0%	84.0%	8.85	0,00	0, 00	0.00	0.00	<b>9.00</b>	0,00	
¥0243	Formwork (lean concrete)	m2	0.00	41.3%	58.0%	0,8%	3, 8%	96.2%	152.40	0.00	0.00	0.00	0, 00	8,00	0.00	
W0203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	8.19	2.4%	82.3%	15, 3%	56.9%	43.1%	1, 570, 60	304, 38	10, 587. 56	L, 966, 36	7, 315. 91	5, 542, 39	12,858,30	Loss 2.0%
¥0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	тЭ	8.03	15.5%	0, 2%	84, 3%	45. 2%	54.8%	257.00	320, 60	<sup>-</sup> 1.05	1, 739, 06	931.96	1, 131, 75	2, 063, 71	
W0237	Concrete Curing (reinforced concrete)	- m3 [	8.03	74.6%	7.6%	17,8%	14.0%	86.0%	4. 21	25, 23	2.57	6, 01	4, 72	29.09	33, 81	
W0241	Formwork (reinforced concrete H <m)< td=""><td>m2</td><td>56.20</td><td>59, 3%</td><td>39, 9%</td><td>0.8%</td><td>2, 9%</td><td>97.1%</td><td>224.00</td><td>7, 463, 40</td><td>5, 026, 66</td><td>98.74</td><td>367.35</td><td>12, 221, 45.</td><td>12, 588, 80</td><td></td></m)<>	m2	56.20	59, 3%	39, 9%	0.8%	2, 9%	97.1%	224.00	7, 463, 40	5, 026, 66	98.74	367.35	12, 221, 45.	12, 588, 80	
W0251	Keinforcement Grade 40, cutting, bending & assembly	ks	378, 30	15.2%	77.0%	7.8%	54.0%	46, 0%	23. 30	1, 338. 63	6, 787, 55	688.21	4, 759, 32	4, 055, 07	6, 814. 39	
	Niscellancous	LS	1,00							0.00	0,00	0.00	0.00	0.00	0.00	0.0%
	Total									9, 530, 66	22, 449. 69	4, 694, 56	13, 502, 41	23, 172. 50	36, 674, 91	
	Components (%)									26.0%	61.2%	12. 8%		63.2%	100.0%	
	Unit Kate	each								9, 537. 18	22, 465. 05	4, 697, 77	13, 511. 65	23, 188, 35	36, 700, 00	

#### Catch Basin\_for RCPC 2- ¢ 1220mam 502(3)b6

1.00 each

Unit:

		Í				U	nit Bate					Απου	int			
Lem No.	Description	Unit	Quantity		Cor	ponent (	(%)		Total			Component (PP)			Total	Remarks
				Lab,		Equip.	For.	Local	<u>(192)</u>	Labor	Material	Equipment	Foreign	Local	(Pf)	
W0161	Gravel Foundation Fill	m3	0, 96	24.8%	13.1%	62.1%	39.0%	61.0%	390.00	92.94	48. 91	232. 52	145.95	228.45	374.40	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0, 08	2.6%	80, 9%	16, 6%	56.6%	43.4%	1, 458, 00	0, 08	11, 00	0, 08	0.90	0, 00	0.00	Loss 2, 0%
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	O, 04	18, 8%	0, 2%	91.O%	43. 4%	56, <b>5%</b>	213.00	0, 00	11, 00	0. OD	0, 40	0, 00	0, 00	
₩0236	Concrete Curing (plain concrete)	m3	0, 0(1	70.9%	8, 7%	20.4%	16.0%	84.0%	8, 85	0, 00	0,00	0.00	0, 40	0, 10	0.00	
¥0243	Formwork (lean concrete)	m2	0.00	41.3%	58.0%	0.8%	3.8%	96.2%	\$52.00	0.00	0.00	0.00	0,00	0.00	0.00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	1 ո3 (	9.60	2.4%	82.3%	15, 3%	56.9%	43.1%	1, 570, 00	356, 78	12, 410, 33	2, 304. 98	8, 575, 42	6, 496, 58	(5, 072, 00	Loss 2.0%
₩0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m.)	9, 41	15, 6%	0, 2%	84. 3%	45. 2%	54. <b>8%</b>	257, 00	375, 70	4, 74	2, 037, 93	1, 092, 13	1, 326. 24	2, 418, 37	
#0237	Concrete Curing (reinforced concrete)	m3	9.41	74.6%	7,6%	17, 8%	14.0%	86.0%	4, 21	29.57	3, 02	7.04	5, 53	34, 09	39, 62	1
W0241	Formwork (reinforced concrete H<4m)	m2 [	65, 47	59.3%	39, 9%	0.8%	2.9%	97.1%	224.00	8,694.46	5, 855, 80	115.02	427.94	14, 237, 34	14, 665. 28	
W0251	Reinforcement Grade 40, cutting, hending & assembly	kg	444. 00	15.2%	77.0%	7.8%	51.0%	46.0%	23. 30	1, 571, 11	7, 966. 36	807. 73	5, 585. 88	1, 759. 32	10, 345. 20	
	Wiscellancous	LS	1.00		_					0.00	0.00	0.00	0.90	0.00	0.00	0.0%
	Total				_					11, 120, 56	26, 289, 18	5, 505, 13	15, 832, 96	27, 082, 01	42, 914. 87	
	Components (%)									25.9%	61.3%	12.8%	36.9%	63.1%	100.0%	
	Unit Rate	each								11, 116, 70	26, 280, 07	5, 503, 23	15, 827, 37	27, 072, 63	42, 900, 00	

#### 502 (3) 67 Catch Basin for RCPC 2- \$1520mm

(3) 67	Catch Basin for RCPC 2- \$ 1520mm					th	nit Rate					Δηου	Unit: nt	1.00 e		
ltem No.	Description	Duit	Quantity	-	Con	ponent (	%)		Total			Component (PP)			Total	Remarks
				Lab,	Mat.	Equip.	For.	tocal	(PP)	Labor	Material	Equipment	Foreign	Luca!	(PP)	
W8161	Gravel Foundation Fill	m3 j	1.29	24.8%	13, 1%	62.1%	39.0%	61.0%	396, 00	124.88	65.76	312.45	196.12	306, 98	503, 10	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0.00	2.6%	80.9%	16.6%	56.6%	43.4%	1,450.00	0, 08	6,00	0, 00	0,00	0, 00	0, 00	Loss 2.0
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 00	18. 8%	0.2%	81.0%	43, 4%	56, 6%	213.00	0.00	0. 00	0.00	0. 00	0. 00	a. oo	
W0236	Concrete Curing (plain concrete)	_m3 [	0, 08	70.9%	8, 7%	20, 4%	16.0%	84, 0%	8, 85	0, 00	0.00	0.00	0.00	0.00	0.00	
W0243	Formwork (lean concrete)	m2	Ö. 00	41.3%	58.0%	0.8%	3.8%	96.2%	152,00	0.00	8,00	0.03	0, 00	0, 00	0, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	12.75	2.4%	82, 3%	15.3%	56, 9%	13.1%	1,570,00	473.85	16, 482, 46	3,061,19	11, 389, 24	8, 628, 26	20, 017, 50	Loss 2.0
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	n3	12, 50	15, 5%	0, 2%	84, 3%	45.2%	54, 8%	257.00	499.07	6. 30	2, 707. 13	1, 450, 75	1, 761, 75	3, 212. 50	
₩0237	Concrete Curing (reinformed concrete)	m3	12, 50	74.6%	7,6%	17.8%	14.0%	86,0%	4, 21	39, 28	4. 01	9.35	7.34	45.29	52.63	
W0241	Formwork (reinforced concrete H<4m)	<b>π</b> 2	85, 98	59, 3%	39,9%	0,8%	2.9%	97.1%	224.00	11, 418, 21	7,690.26	151.06	562.00	18, 697, 52	19, 259, 52	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	583.00	15.2%	77. 0%	7.8%	54.0%	46.0%	23. 30	2, 062, 97	10, 460. 33	L, 060, KU	7, 334, 62	6, 249, 28	13, 583. 90	
	Miscellaneous	LS	1.00							0, 80	0, 00	0.00	0.00	0,00	0,00	0.0%
	Total									14, 618, 25	34, 709, 13	7, 301, 77	20, 940, 08	35, 689, 07	56, 629, 15	
	Components (%)							T		25. R%	61.3%	12.9%	37.0%	63, 0%	100, 0%	
	Unit Rate	each								14, 610, 73	34, 691, 26	7, 298, 01	20, 929, 30	35,670,70	56, 600, 00	

### 502(4)al U-shapad Concrete Ditch W=0.50m x H=0.50m

502(4)a1	U-shaped Concrete Ditch ¥=0.50m x H=0.5	Om											Unit:	19.00	m	
						U	nil Rate					Δησυ	nt			
[tem No.	Description	Unit	Quantity			nponent			Total			Component (PP)			Total	Remarks
Ĺ		l I		Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(19)	
W0161	Gravel Foundation Fill	п3	1.00	24.8%	13.1%	62, 1%	39. 0%	61.0%	390, 00	96, 81	50.98	242.21	152, 03	237. 97	390.00	
¥0201	Lean Concrete (17MPa, max agg, 38mm)	m3	0, 00	2.6%	80, 9%	16, 6%	56, 6%	43.4%	1, 450. 00	U. 00	0.00	0.00	0, 00	0, 00	0.00	Loss 2, 0%
W0233	Concrete Pouring by Pump Vehicle (plain renerate)	m3	0.00	18.8%	0.2%	81.0%	43. 4%	56.6%	213.00	<b>b.</b> Q0	0, 00	U. 00	0, 00	0, 00	0. 00	
W0236	Concrete Curing (plain concrete)	m3	0.00	70, 9%	8.7%	20, 4%	16.0%	84.4%	8.85	0. 00	0, 00	0.00	0.00	0.00	0,00	
W0243	Formwork (lean concrete)	m2	0,00	41.3%	58, 0%	0.8%	3.8%	96.2%	152.00	0.00	0, 00	0.00	0.08	0.00	0, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	2.75	2,4%	82, 3%	15.3%	56.9%	43, 1%	1, 670, 00	102.20	3, 555, 04	660.26	2, 456, 50	1,861.00	4, 317, 50	Loss 2, 0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	n3	2. 70	15, 5%	6, 2%	B4.3%	45. 2%	54, 8%	257.00	107.80	1, 36	581.74	313, 36	380. 54	693, 90	
W0237	Concrete Curing (reinforced concrete)	m3	2.70	74,6%	7,6%	17.8%	14,0%	86.0%	4.21	8.49	0, 87	2.02	1.59	9, 78	11, 37	
¥0241	Formwork (reinforced concrete H<4m)	m2	23.00	59, 3%	39, 9%	0.8%	2.9%	97.1%	224.00	3, 054. 42	2,057.18	40.41	150, 34	5, 001, 66	5, 152, 00	
WO251	Reinforcement Grade 40, cutting, bending & assembly	kg	123.80	15. 2%	77.0%	7.8%	54.0%	46.0%	23, 30	438, 07	2, 221, 25	225, 22	1, 557, 51	1, 327. 03	2, 884. 54	
	Niscellaneous	េរ	1.00							0, 00	0.00	0.40	0, 00	0.00	0.00	0.0%
	Total						_			3, 807, 78	7, 886. 67		4,631.33	8, 817, 98	13, 449, 31	
	Components (%)									28.3%	58.6%	13.4%	34, 4%	65, 6%	100.0%	
L	Unit Rate	m	L			L I				379, 38	785, 78	174. 84	461, 43	878, 57	1, 340. 00	

502(4)a2	U-shaped Concrete Ditch W=0.75m x H=0.5	<u>0m</u>											Unit:	10.00	<u>1</u>	
						Ų	nit Rate					Λmou	nt			
I Item No.	Description	Unit	Quantity		Сол	ponent	(%)		Total			Component (PP)			Tatal	Remarks
				Lab.	Mat.	Equip.	For,	Local	(PP)	Labor	Material	Equipment	Foreign	Local	( <u>PP)</u>	
W0161	Gravel Foundation Fill	m3	1.25	24, 8%	13, 1%	62.1%		61.0%	390, 00	121, 01	63, 72	302.76	190, 04	297.46	487, 50	1
W0201	Lean Concrete (17MPa, max agg.38mm)	т3	0, 00	2.6%	80.9%	16.6%	56.6%	13, 1%	1, 450, 00	0, 00	0.00	0, 00	0, 00	0, 01	0, 00	Loss 2.0%
¥0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0. 00	18.8%	0, 2%	81.0%	43, 4%	56, 6%	213.00	D, 00	<b>0.</b> 00§	0, 00	0,00	Q, QU	0.00	
¥0236	Concrete Curing (plain concrete)	) m3	0.00	70.9%	8,7%	20.4%		84, 0%	8, 85	B, 00	0, 00		0,00	0, 00	0, 00	1
W0243	Formwork (lean concrete)	m2 .	0,00	41.3%	58,0%	U, 8%	3,8%	96.2%	152.00	0, 00	0, 80		0.00	0, 00	0.00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	3.14	2.4%	82.3%	15, 3%	56.9%	43.1%	1, 570, 00	116.70	4, 059, 21	753.89	2, 804, 88	2, 124, 92,	4, 929, 80	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	3.08	15.5%	0.2%	84, 3%	45.2%	54. <b>8%</b>	257, 00	122. 97	1.55	667. 04	357, 47	134. 09	791, 56	
W0237	Concrete Curing (reinforced concrete)	m3	3.08	74, 6%	7.6%	17.8%	11.0%	86.0%	4. 21	9.68	0, 99		1, 81	11, 16	12.97	
W0241	[Fornwork (reinforced concrete HK4m)	m2	23.00	59.3%	39.9%	0.8%	2,9%	97.1%	221.00	3, 054, 42	2,057.18	40, 41	150.34	5,001.66	5, 152, 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	149.00	15, 2%	77.0%	7.8%	51.0%	46, 0%	23, 30	495, 39	2.511.92	254, 69	1, 761. 31	1, 500, 69	3, 262, 00	
	Miscellaneous	1.S	1, 00							0,00	0.00	0, 00	0.00	0, 00	0,00	0.0%
	Total	1								3, 920, 17	8,694.57	2, 021, 09	5, 265, 85	9, 369, 98	14, 635. 83	
	Components (%)									26.8%		13.8%	36, 0%	64.0%	100.0%	
	Unit Rate	. 19								391.06	867, 33	201.61	525.30	934, 70	1, 160. 00	

						<u> </u>	nit Rate					<u></u>	<u>nt</u>			
ltem No.	Description	Unit	Quantity		Cor	ponent	())		Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(99)	
W0161	Gravel Foundation Fill	m3	0, 80	- 24. 8% (	13, 1%	62.1%	39.0%	61,0%	390.00	77, 45	40.78	193, 77	121.63	190. 37	312,00	
W0201	Lean Concrete (17M2a, max agg.38mm)	m3	0, 08	2.6%	80.9%	16.6%	56,6%	43.4%	1,458,00	0, 00	0, 00	0.00	0, 00	0.00	0.00	Loss 2.0
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	m3	0, 00	18.8%	0.2%	Ĥ1.0%	43.4%	56, 6%	213, 00	v. 00	0, 00	<b>U. 00</b>	0, 00	0, 00	n. 00	
W0236	Concrete Curing (plain concrete)	m3	0.00	70.9%	8.7%	20, 4%	16.0%	84.0%	8, 85	0.00	0, 80	0.00	D. 00	0.00	0, 00	
WO243	Formwork (lean concrete)	m2	0.00	41.3%		0, 8%		96, 2%	152,00	0, 00	0, 80	8,00	0, 00	D. 00	0.00	
W0203	Concrete (Class A. 21MPa, max agg.38mm)	_ m3	L 84	2, 4%	82.3%	15.3%	56, 9%	43, 1%	1, 570. 00	68.38	2, 378. 65	441.77	1, 643, 62	1.245.18	2, 888, 80	Loss 2,0
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	L. 80	15, 5%	0.2%	84. 3%	45.2%	54, 8%	257.00	71.87	0, 91	389, 83	208, 91	253. 69	462, 60	
W0237	Concrete Curing (reinforced concrete)	m3	L, 80			17.8%		86.0%	4.21	5, 66	O. 58	1.35	1.06	6. 52	7, 58	
W0241	Formwork (reinforced concrete HK4m)	m2	15.00	59.3%	39, 9%	0.8%	2.9%	97.1%	224.00	1, 992, 01	1, 341, 64	26, 35	98.05	3, 261, 95	3, 360, 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	97. 30	15, 2%	77,0%	7.8%	54.0%	46. 0%	23, 30	344, 30	1, 745. 78	177.01	1, 224. 11	1, 042, 98	2, 267. 09	
	Miscellaneous	LS	1.00						<u>}</u>	0,001	0, 00	0.00	<u>0.00</u>	0,00	0,00	0.0%
	Total									2, 559, 66	5, 508, 33	l, 230. 08	3, 297, 38	6,000.69	9, 298, 07	
	Components (%)									27. 5%	59, 2%	13, 2%	35.5%	64, 5%	100.0%	
	Unit Rate	π						l í	· • • • • • • • • • • • • • • • • • • •	256.02	650, 96	123.03	329.81	600, 19	<u>93</u> 0.00	

502(4)b1	U-shaped Concrete Ditch with Grating Co	ver, 1	/=0.30m x H=0.34	0 <u>m</u>									Unit	10.00	m	
	N		<b>A</b>				nit <u>Rate</u>						int			D
Item No.	Description	Unit	Quantity			ponent Equin. 1			Total (PP)	Labor	Material	Component (PP)	Ennian	Local	Total (PP)	Remarks
WII6)	Gravel Foundation Fill	n.]	0, 80	 24.8%	13, 1%	62, 1%			390.00	77, 45	40.78	Equipment 193, 771	<u>Foreign</u> 121.63		312.00	
W0201	Lean Concrete (17MPa, max agg. 38mm)	m3	9,90	2,6%	80,9%	16.6%			1. 450. (0)	0,00	0.08	9,00	a, ao	8,00	0.00	Loss 2.0%
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	т3	0,00	18.8%		81.0%		56, 6%	213.00	0, 00	0.00	0, 00	0, 00	0, 00	0, 00	
¥0236	Concrete Curing (plain concrete)	m3	0.00	70.9%	8.7%	20.4%		84.0%	8, 85	0,40	0.00	0, 00	0.00	8,00	0.00	
¥0243	Formwork (lean concrete)	m2	0.00	41.3%				96.2%	152.00	0,00	0.00	0, 00	0, 00	0, 00	0,00	
¥0203	Concrete (Class A, 21MPH, max agg.38mm)	m3	1.94	2.4%	82.3%	15, 3%	56.9%	43.1%	1, 570. 00	72.10	2, 507, 92	465. 78	1, 732, 95	1, 312, 85	3, 045, 80	Loss 2.0%
¥0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	mЗ	1, 90	15, 5%	0.2%	84.3%	45.2%	54.8%	257,00	75. 96	0, 96	43 L. 48	220, 51	267, 79	488, 30	
¥0237	Concrete Curing (reinforced concrete)	п3	1, 90	74.6%	7.6%	17.8%		86.0%	4. 21	5.97	0,61	1.42	1.12	6, 88	8.00	
¥0241	Formwork (reinforced concrete H(4m)	m2	17.00	59.3%	39, 9%	0.8%	2. 9%	97.1%	224.00	2, 257, 61	1, 520, 52	29, 87	111.12	3, 696, 98	3, 808, 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	ks	100.20	15.2%	77,0%	7.8%	51.0%	46, 0%	23, 30	354. 56	1, 797. 81	182.28	1, 260, 60	1,074.06	2, 334, 66	
W0721	Grating Cover for N-Ditch (W=3DOmm), furnish & installation	m2	4. 20	9.0%	90, 1%	1,0%	63, 2%	36. 8%	1, 140, 00	429. 39	4, 311, 67	46, 94	3, 024. 02	1, 763, 98	4, 788, 90	
	Miscellaneous	LS	1. 00							0, 00	0.00	0.00	0.00	0,00	0,00	0.0%
	Total									3, 272, 94	10, 180, 28		6, 471. 94		14, 784. 76	
	Components (%)									22. 1%	68, 9%			56.2%	100.0%	
L	Unit Rate	m								327.63	l, 019. 08	133, 29	647, 86	832. 14	1,480.00	

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# 502(d)b2 U-shaped Concrete Ditch with Grating Cover, W=0.50m v H=0.50m

						u	n <u>it Rat</u> c	;				<u>Amo</u> ur	าเ			
ltem No.	Description	Unit	Quantity		Con	ponent	(%)		Totai			Companent (PP)			Total	Kema rks
				Lab.	Hat,	Equip.	Ear,	Local	(PP)	Labor	Material	Eguipment	Foreign	Local	(PP)	
W0161	Gravel Foundation Fill	m3	L 001	24.8%	13.1%	62.1%	39.0%	61.0%	390.00	96.81	50.98	242. 21	152.03	237.97	390, 00	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0.00	2.6%	80.9%	16.6%	56.6%	43.4%	1,450.00	li. 00	a, oo	0, 00	0, 00	0,00	0.00	Loss 2.0
W0231	Concrete Pouring by Pump Vehicle (plain concrete)	6m	0. 00	18.8%	0, 2%	81.0%	43, 1%	56, 6%	213, 00	U, 00	U, QO	0.00	0.00	0. 00	0, 00	
W0236	Concrete Curing (plain concrete)	m3	0.00	70.9%	8, 7%	20, 4%	16.0%	84.0%	8, 85	0, 00	0.00	0.00	0, 00	0, 00	0.00	
W0243	Farmwork (lenn concrete)	m2	0.00	41.3%	58.0%	0.8%	3.8%	96.2%	152, 00	9.00	0, 00	0.00	0, 00	0, 00	0, 00	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	2.68	2.4%	82.3%	15.3%	56, 9%	43.1%	1, 570, 00	99.60	3, 464, 55	643, 45	2, 393, 97	1,813.63	4, 207.60	Loss 2.
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	2.63	15.5%	0.2%	84.3%	46, 2%	54.8%	257.00	105, 00	1, 33	569, 58	305, 24	370. 67	675, 91	
#0237	Concrete Curing (reinforced concrete)	m3	2, 63	74.6%	7.6%	17.8%	14.0%	86.0%	4.21	8, 26	0, 84	L, 97	1.54	9.53	11.07	
W0241	Formwork (reinforced concrete HK4m)	m2	23.00	59.3%	39.9%	0, 8%	2, 9%	97, 1%	224.00	3, 054. 42	2, 057. 18	40. 41	150, 34	5,001.66	5, 152, 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	123, 80	15. 2%	77.0%	7.8%	54.0%	46, 0%	23. 30	138. 07	2, 221, 25	225. 22	1, 557, 51	1, 327, 03	2, 884, 54	
W0721	Grating Cover for U-Ditch (W=300mm), furnish & installation	m2	6, 20	9.0%	90. 1%	1.0%	63. 2%	36. 8%	1, 140, 00	633. HG	6, 364, 85	69, 29	4, 161. 03	2, 603. 97	7, 068. 00	
	Miscellaneous	LS	1.00							0,00[	0, 60	0.00	0.00	0.00	0,00	0.11%
	Total									4, 136. 02	14, 160, 97	1, 792, 13	9, 024. 66	11, 364, 46	20, 389, 12	
	Components (%)									21.8%	69. 5%	8, 8%	44.3%	55.7%	100.0%	
	Unit Rate	n								443.84	1, 416. 85	179.31	902, 95	1, 137, 05	2,040,00	

502 (6) a	V-shaped Lined Ditch H=500mm, 1:1.50												<u>Unit</u> :	10, 00	A	
				T		i i	<u> Jnit Ra</u> ï	c				Amo	พิเตน			
Item No.	Description	[Unit]	Quantity		ිංර	nponent	(%)		Total			Component (PP)			Total	Remarks
				Lab,	Mat,	Equip.	For.	Local	(ባባ)	l.abor	Material	Equipment	Foreign	Local	(PP)	
W0109	Excavation, Manpower	m3	3.88	100.0%	0.0%	0.0%	0,0%	10(1, 0%)	132.00	512.16	0.00	0.00	0.00	512. [6	512, 16	
W0115	Disposal of Surplus Soil (manpower loading)	m3	3. 88	45.7%	10.8%	43. 5%	30, 6%	69, 1%	103. 00	(82, 6)	43. 17	173, 87	(22, 15	277. 19	399, 64	
W0741	Grouted Ripran Class A	0.3	3.88	15.6%	63, 8%	20, 6%	48.0%	52.0%	734, 00	443, 34	1, 817, 30	587, 27	1, 367, 461	1, 480, 46	2,847,92	l
	Miscellancous	1.5	1.00							0, (11)	0, 00	0, 00	0.00	0.00	0.00	0.0%
	Total									1,138,11	1, 860, 47	761.14	1, 489, 91	2, 269, 81	3, 759, 72	
	Components (%)									30, 3%	49. 5%	20, 2%	39.6%	60. 4%	100.0%	
	Unit Rate	( m								113, 82	186, 06	76.12	149.00	227,00	376.00	

### 502 (6) b V-shaped Lined Ditch H=500mm, 1:1.00

502(6)b	V-shaped Lined Ditch H=500mm, 1:1.00												Unit:	10. 00	<u>m</u>	
						l	<u>lnit Rat</u>	e				Ало	unt			
lten No.	Description	Unit	Quantity		Con	popent	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(99)	
W0109	Excavation, Manpower	m3	3.63	100.0%	0.0%	Ò, U%	0.0%	100.0%	132,00	479.16	0.00	0, 00	0, 00	479, 16	479.16	
WO115	Disposal of Surplus Soil (manpower loading)	m3	3.63	45.7%	10.8%	43, 5%	30, 6%	69, 4%	103, 00	170, 84	40. 38	162, 67	114, 56	259, 33	373, 89	Ì
W074	Grouted Riprap Class A	m3	3.63	15.6%	63,8%	20.6%	48,0%	52.0%	734.00	414, 78	1, 700, 21	549, 43	1, 279, 35	1, 385, 07	2,664.42	
	Niscellaneous	LS	1,00	i						0,00	0.00	0.00	0.00	0.00	0,00	0.0%
	Total			[						1, 064, 78	l, 740. 59	712.10	[, 393, 9]	2, 123, 56	3, 512, 47	
	Components (%)									30, 3%	49.5%	20.2%		60, 4%	100.0%	
	Unit Rate	10		Γ						106, 55	174.18	71.26	139, 49			

### 502(7)a Trapezoidal Lined Ditch B=450mm, H=500mm, 1:1.00

<u>502(7)a</u>	Trapezoidal Lined Ditch B=450mm, H=500	mms, 1:1	. 00										Unit:	10.00	m_	
						U	nit Kate	9				<u>Λειο</u>	unt	······································		
Item No.	Description	Unit	Quantity		Cor	nponent			Total			Component (PP)			Total 1	Remarks
		1		Lab,	_Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	l.oca1	_ (PP)	
M0109	Excavation, Manpower	m3	2.68	100, 0%	0, 0%	0.0%	0.0%	100.0%	132,00	353. 76	0.00	0.00	0, 04	353, 76	353.76	
W0115	Disposal of Surplus Soil (manpower loading)	m3-	2, 68	45, 7%	10.8%	43.5%	30. 6%	69. 4%	103, 00	126. 13	29. 82	120.09	84. 5 <b>8</b>	191, 46	276.04	
W0741	Grouted Ripran Class A	m3	2,68	15.6%	63.8%	20.6%	48.0%	52.0%	734.00	306, 23	1, 255. 25	405. 64	944. 54	1, 022, 58	1, 967. 12	
	Miscellaneous	LS	I.00		1					ù. 00	0, 00	0,00	0.00	0, 10	0,00	0, 0%
	Total									786, 12	1, 285, 07	525.74	1,029.12	1, 567, 80	2, 596, 92	
	Components (%)									30, 3%	49, 5%	20. 2%	39.6%	60. 4%	100, 0%	
	Unit Rate	n		· ·						78, 70	128,66	52.64	103.03	156, 97	260.00	

<u>і2(7)</u> ьт	Trapezoidal Lined Ditch B=1000mm, H=500	/mm, 1:	1.00				CALLER NO. 1						Unit:	10,00 m	· · · · · · · · · · · · · · · · · · ·	
Li No	Description	Bait	Quantity	<u> </u>	Cor		Init Rete	·	Total			Amour Component (PP)	<u></u>		Total	Romarks
ftem No.	Description	10011	Quantity	1.ab,	Mat.	ponent	For.	Local	(PP)	Labor	Material (	Equipment	Foreign	Local	()?)	peoplarinis
W0109	Excavation, Mannower	m3	3.78		0.0%	0.0%		100.0%	132.00	498, 96	0.00	0,00	0.00	498, 96	498, 96	
- 1	Disposal of Surplus Soil (manpower	1 1			1											1
	loading)	m3	3, 78	45.7%	10, 8%	43.5%	30. 6%	69, 4%	103.00	177.90	42. 05	169, 39	119.29	270, 65	389.34	1
	Grouted Riprap Class A	m3	3, 78	15, 6%	63.8%	20.6%	48.0%	52.0%	734.00	431.92	1, 770, 47	572, 14	1, 332, 22	1, 442, 30	2, 774, 52	1
	Miscellaneous	is i	1.00		00.04	20.04	{,,.			0.00]	0,001	0.001	0,001	0,00]	0, 00	0,0%
	Total					····			·····	1, 108. 78	1, 812, 52	741.52	1, 151, 51	2.211.31	3,662,82	
	Components (%)									30, 3%	49, 5%	20. 2%	39,6%	60 4%	100.0%	<u> </u>
	Unit Rate	m		·			[			110.79	181.11	74. 10	145,04	220. 96	366,00	
		1		L							<u></u>					
3 (3) A	Cleaning Culvert in Place, <b>\$910mm</b> or 1	655											Unit:	100.00 m		
<u></u>			• • • • • • • • • • • • • • • • • • • •	-		1	nit Rat	•				Алюш				[
Item No.	Description	Unit	Quantity		Cos	ponent			Total			Component (PP)		T	Total	Remarks
	and the second		44400000	Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	1
L002	Foreman	md	0.49	100.0%	0, 0%	0, 0%			566.00	277.34	0.00	0.00	0.00	277, 34	277. 34	
	linskilled Labor	md	3,88		0.0%	0.0%			314.00	1, 218, 32	0.03	0,00	0. 00	1, 218, 32	1,218,32	
	High Pressure Washer 2.2kW	day	0.97	0.0%	0.0%	100, 0%			167.00	0.00	0,00	161, 991	91.07	70.92	161, 99.	
	Dump Truck, 6, 0-9.0 cu-yds (4, 6-6, 9m3)	hr	0.83		17.9%	72.1%			603.00		89, 59	360, 85	254, 14	246.35	500, 49	
	Miscellaneous	i.s	1.00			90.0%			000.00	0.00	2, 16	19, 42	9.71	11.87	21.58	
	Total				10,00	30, 3%		00.0/		1, 545, 71	91, 75	542.27	354.92	1, 824, 80	2, 179, 72	
	Components (%)	1-1					h			70.9%	4. 2%	24.9%	16.3%	83, 7%	100.0%	
	Unit Rate	m	·				h			15.46	0.92	5, 42	3, 55	18,25	21,80	·
	Miscellaneous covers the cost for scoop		broom of a	L			L	<u> </u>		10.40	v. 76)			10.40	41, 60]	·
	$TI = L/(\Lambda \cdot E) + 1.4Q \cdot t + LI/V$	SUSTER	, nicroni, cięć.				a : Po	ouired ¥	ater per m		0, 10	m <sup>3</sup> ./m				
	71 : Total Operation Hour	=	5.95	hr					ime for Water S	unn la	U. 20					
	L : Cleaning Length	-	100.08					ving Dis		apps y	0.70					
	A : Work Capacity	-	30, 00					ving Vel			25, 00					
	E : Efficiency	-	0, 85						ation Hour		6, 12					
	b · LITTLICKCy		0.85				• <i>ua</i>	Try oper.	ACTION NOUS		0.12					
)3 (3) Ъ	Cleaning Culvert in Place, more than $\phi$	010mm											Unit:	[00,08] m	-	
<u>, , , , , , , , , , , , , , , , , , , </u>	Cicanting outvere in trace, more chan w	1 1		г			hit Rat	•				Аточ			·	,
lten No.	Description	Unit	Quantity		Cor	nponent			Total			Component (PP)	<u></u>		Total	Remarks
r centration	beact the soli		wanterey	Lab,	Hai	Equip.	(%)	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	Vellarka
L002	Гогелаа	md	0, 59		0.0%	0, 0%			566,00	333.94	0.00	IL OQ	0.00	333.94	333.94	
1.020	Unskilled Labor	md	4.68		0,0%	0,0%			314.00	1, 469, 52	0.00	0,00	0.00	1, 469, 52	1, 469, 52	i i
	High Pressure Washer 2.2kW	сину	1. 17	0.0%	0.0%	100.0%			167.00	0,00	0, 10	195, 39	109.85	85. 54	195, 39	i i
	Dump Truck, 6,0-9,0 cu-vds (4,6-6,9m3)	hr	1,50		17.9%	72, 1%			603.00	90, 151	161.91	652.14	459.29	445, 21	904, 50	t i
	Miscellaneous	I IS	1.00		10.0%	90,0%			(1011, 00	4.00	2.90	26.13	13.07	15, 97	29, 03	
	Total	+-**-+	1.00	<u> </u>	10.07			00. 0/1		1, 893, 91	164, 81	873.66	582.20	2, 350, 19	2, 932, 38	
	Components (%)	+ +					Į				5.6%	29.8%	19.9%	<u> </u>	2, 932, 38	
	Unit Rate	m					∔	<u>+</u>		64.6%			5. 82	23. 48	29. 30	<u> </u>
	Miscellaneous covers the cost for scoop,		hnon old							10.92	1,00	<u>a</u> , (5)	3.02		29, 30	L
	$TI = L/(A \cdot E) + L \cdot Q \cdot U + L1/V$	200401	i, oroom, etc.				0 · No	ouived W	aler per m		0, 12	_9 (_				
	TL : Total Operation Hour	-	7. 13	L					ater per m ime for Water S		0.12					
		-								upp i y						
	L : Cleaning Length	-	100.00					ving Dis			0, 70					
	A : Work Capacity	~	25.00					ving Vel			25.00					
	E : Efficiency	-	0.85				t Da	ity Dper	ation Rour		6.42	ne -				
03(4)a	Closhing Repreditioning - 6 hours of 1	. Reer	-1										11 24 -	• K.A. ##	_	
/3\4/8	Cleaning Reconditioning of RCBC, Single		ar	г——			Jnit Rat	~		·			Unit:	100,00 m	<u>a</u> ,	1
ltem No.	Description	Unit	Quantity					e	T			Amou (DD)	nt	r		
ILEM NO.	Description	Unit	Quantity	1 - h		ponent.	<u>\%</u>	11	Total		Mark and Sal	Component (PP)			Total	Remarks
1,002	Foreman	md	0.00	Lah. 100,0%	Mat.	Equip.		1110,0%	(PP) 566.00	Labor	Material	Equipment	Foreign	Local	(PP)	<u>}</u>
L020	Unskilled Labor	md	0.63		0.0%					356, 58	0, 00	0.00	0,00	356, 58.	356.58	1
			5.04						314.00	1, 582, 56	0.00	0, 110	0.00	1, 582, 56	1, 582, 56	
Q1108-022	High Pressure Washer 2,2kW	day	1.26			100.0%			167.00	0,00	0, 00	210.42	118.30	92, 12	210.42	
K4601-006	Dump Truck, 6,0-9,0 cu-yds (4,6-6,9m3)	hr	2, 89						AD3, OD	173.66	310, 86		881.83	854, 81	I, 736, 64	
	Miscellaneous	LIS	1.00	0.0%	10.0%	90.0%	15.0%	55.0%		0.00	3.89		17, 49	21.37		
	Total	╉╼━━┫	<u> </u>			Į	∔——	·		2, 112, 80	314. 74		1,017.61	2,907,15	3, 925.06	
	Components (%)	╉╌╌┥		<b>├──</b> ──	ŀ		+	<u> </u>		53.8%	8.0%	38.2%	25. 9%	74.1%	100.0%	
	Unit Rate	<u> </u>		h	L	I	L			21, 15	3. 15	14.99	10, 19	29. 11	39.30	L————————————————————————————————
	Miscellaneous covers the cost for scoop,	snove	1, proom, elc.													
	$T1 = L/(A \cdot E) + L \cdot Q \cdot t + L1/V$								ater per m		0.15					
		-														
	T1 : Total Operation Hour	=	7.73						ime for Water S	supply		hr/m3				
	T1 : Total Operation Hour L : Cleaning Length	=	100, 00	m			LL Mc	ving Dis	Lance	supply	0.70	km				
	T1 : Total Operation Hour			m m/h			ili Mo γ : Mo	ving Dis wing Vel	Lance	սենիլ չ		km km/br				

503 (4) b	Cleaning Reconditioning of RCBC, Double	. Barre	1										Unit:	100,00 m		
		ΙΤ					hil Rate					Amour	nt			
Item No.	Description	Init	Quantily	<u> </u>		monent			Total			Component (PP)			Total (PP)	Remarks
L002	Foreman	nd	0,68	i.ah. 100.0%	.∜at. 0.0%	Equip. 0, 0%	Por. 0, 0%	Local 100.0%	(PP) 566,00	Labor 384.88	Material 0.00	Equipment 0.00	<u>Foreign</u> 0.00	Local	384, 88	
1.020	Unskilled Labor	nd	5.44					100.0%	314.00	1, 708, 16	0.00	0.00	0,00	1,708,16	1,708,16	
01108-022	High Pressure Washer 2.2kW	day	1.36					43, 8%	167.00	0,001	0,08	227, 12	127.68	99, 44	227.12	
	Dumn Truck, 6, 0-9, 0 cu-vds (4, 6-6, 9m3)	hr	4,80						603.00	289, 44	518.18	2, 086, 86	1, 469, 72	1, 424, 68	2, 894, 40	
	Miscellaneous	lis	1,00						000.00	0,00	5, 21	46. 93	23, 47	28, 68	52, 15	1, 11%
	Tatal					10.00				2, 182, 48	523, 31	2, 360, 91	1,620,87	3, 645, 84	5, 266, 71	
	Components (%)	1						- 1		45, 2%	9, 9%	44.8%	30, 8%	69.2%	100.0%	
<u>}</u>	Unit Rate	] n							·····	23.84	5. 24	23.62	16, 22	3ñ, 48	52, 70	
	Miscellaneous covers the cost for scoop,	shove	, broom, etc.													
	$TL = L/(A \cdot E) + L \cdot Q \cdot C + L I/V$								ter por m			m3/m				
	T1 : Total Operation Hour	=	8, 33						ime for Water S	սթթ]չ		hr/m3				
	L : Cleaning Longth	=	100,00					ving Dist			0, 70					
	Λ : Work Capacity	=	25.00					ving Velo			25.00					
	E : Efficiency	=	0.85				i ya	ily Opera	ation Hour		6.12	hr				
503(4)c	Cleaning Reconditioning of RCBC, Triple	Barra	1										Unit:	100.00 m		
0001170	steaming Reconditioning of Robe, Hilpid		*	г		1	nit Rate	· · · ·				Amour		100,00 10	r	
Item No.	Description	Unit	Quantity	<b></b>	Cor	mponent		-	Total			Component (PP)			Total	Remarks
				Lab.	Mat,	Equip.	For.	Local	(PP)	Labor	Material	Equipment	foreign	Local	(PP)	
L092	Foreman	nd	0.72		0.0%	0.0%	0,0%	100, 0%	566, 00	407.52	0.00	0.00	0.00	407, 52	407, 52	
L020	Unskilled Labor	md	5.72	100, 0%	U, 0%	0.0%			314.00	1, 796. 08	0, 00	0.00	0, 00	1, 796, 08	1, 796.08	
Q1108-022	High Pressure Washer 2.2kW	day	1.43			100, 0%			167.00	0.00	D, OO	238.81	134.26	104, 55	238, 81	
R0601-006	Dump Truck, 6.0 9.0 cu-vds (4.6-6.9m3)	hr	8, 29			72.1%		49.2%	603.00	499.89	894, 80	3, 604, 19	2, 538, 33	2, 460, 54	4, 998, 87	
	Miscellaneous	15	1.00	0.0%	10.0%	90.0%	<u>45.0%</u>	55.0%		0.00	7, 44	66.97	33. 49	40, 93	74.41	1.0%
 	Total	┨──┤			i		L			2, 703. 49	902. 24	3, 909, 97	2, 706, 87	4, 809, 62	7, 515, 69	
	Components (%) Unit Rate	<u>                                     </u>	-							<u>36.0%</u> 27.05	12.0%	52,0%	<u>36.0%</u> 27.08	64.0% 48.12	100.0% 75.20	
	Miscellaneous covers the cost for scoop,	1	, broom, etc.							41.05	9.03	39.12	27, 88	18.121	75.20	
	TL = $1/(\Lambda \cdot E) + 1.20 \cdot L + 1.3/V$	anover	, broom, etc.				u : Ro	ouired We	ater per m		B 20	m3/m				
	TI : Total Operation Hour	=	8.73	hr					ime for Water S	unistiv		br/m3				
	L Cleaning Longth	=	100.00					ving Dis		-61.77	B. 70					
	A : Work Capacity	=	25.00					ving Velo			25, 00	ka/hr				
	E Efficiency	=	0.85				1f ≧ Da	ily Opera	ation Hour		6.12	hr				
504 (5)	Grouted Riprep Class A (slope protection	<u>)n)</u>											Unit	10,00 m	3	
Item No.	Description	Unit	0			nponent	nit Rate	<u> </u>	71			Component (PP)	<u>nt</u>		Total	n . i
Item No.	Description	[ UNIT	Quantity	Lah,	Mat.	Equip.		Local	Total (PP)	Labor	Material	Equipment ((11)		Local	(PP)	Remarks
W0741	Grouted Riprap Class A	m3	10,00						734.00	1, 142, 64	4, 683. 77	1, 513, 59	Foreign 3, 524, 39	3, 815, 61	7, 340, 00	
W0106	Excavation, Backhoe 0.61m3 + Manpower	n3	3, 30						59,50	48, 24	s, 1165. 77 [3, 0]	1, 515, 59	3, 324, 39	114.43	196.35	
-	Disposal of Surplus Soil (manpower															
W0115	loading)	m3	1.01	45, 7%	10,8%	43.5%	30, 6%	69.4%	103.00	47, 53	11.24	45, 26	31.88	72. 15	104, 83	
W0133	Backfill C	m3	2. 28	11.4%	11.8%	76.7%	49.4%	50.6%	145, 00	37.75	39, 12	253, 73	163. 32	167, 28	330, 60	
	Miscellaneous	LS	1.00							0.00	0.00	0.00	u, oo	0,00	0.00	0.0%
	Total			E						1, 276, 16	4, 747, 14		3,801.51	1, 169, 47	7, 970, 98	
	Components (%)	+		L						16.0%	59.6%	21.1%	47.7%	52, 3%	100.0%	
L	Unit Rate	m3		L	<u>.</u>	L	L			127.60	474.66	194.74	380, 10	416.90	797,00	
505(1)	Steps Messey Dotoisis												No. 1 a. 1		n	
<u></u>	Stone Masonry Retaining Wall	<b></b> -		т			nit Kat	0			· · ·	Amou	Unit:	10,00 m	a	
I	Description	Unit	Quantity	<b> </b>	Un	mponent			Total		·····	Component (PP)	····		Total	Remarks
1 [Lem Mo.	product a present	1	<b>4</b> (111)(11)	Lab.	Mat.		For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	Wallia t K S
[Lenn ∦ko,			10.00		70, 1%				1,000.00	1, 128. 33	7, 010, 43	L, 561. 24	4,933,05	5, 066, 95	10, 000, 00	
[Lem No. 190742	Stone Masonry, laid	m3							59, 50	72.79	19.64	203. 88	123, 63	172.68	296, 31	
<u> </u>	Stone Masonry, laid Excavation, Backhoe 0.61m3 + Manpower	m3 m3	4, 98	24.6%	-υ.υ <i>ι</i> α											
¥0742 ¥0106		m3		1			•	co /**	102 10	100 00	00 71	امع وور	ng (]			
W0742 W0106 W0115	Excavation, Hackhoe 0.61m3 + Manpower Disposal of Surplus Soil (manpower loading)	m3 m3	2, 76	45.7%	10.8%	43. 5%	30, 6%	69.4%	103, 10	129, 89	30. 71	123.68	87. 10	197, 18	284. 28	
¥0742 ¥0106	Excavation, Bnckhoe 0.61m3 + Manpower Disposal of Surplus Soil (manpower loading) Bnckfill C	m3 m3 m3	2, 76 2, 22	45.7% 11.4%	10.8%	43. 5%	30, 6%		103, 10 145, 00	36. 76	38.09	247.06	159, 03	162, 87	284. 28 321. 90	
¥0742 ¥0106 ¥0115	Excavation, Backhoe O.61m3 + Manpower Disposal of Surplus Soil (manpower loading) Backfill C. Miscellancous	m3 m3	2, 76	45.7% 11.4%	10.8%	43. 5%	30, 6%			36. 76 0, 00	38. 09 0. 00	247.06 0,00	159, 03 0, 00	162, 87 0, 90	284, 28 321, 90 0, 00	0.0%
¥0742 ¥0106 ¥0115	Excavation, Bnckhoe 0.61m3 + Manpower Disposal of Surplus Soil (manpower Joading) Bnckfill C Miscellaneous Total	m3 m3 m3	2, 76 2, 22	45.7% 11.4%	10.8%	43. 5%	30, 6%			36. 76 8, 00 1, 667. 78	38. 09 0. 00 7, 098. 86	247.06 0.00 2,135.85	159, 03 0, 00 5, 302, 81	162, 87 0, 00 5, 599, 68	284. 28 321. 90 0. 00 10, 902. 49	0.0%
W0742 W0106 W0115	Excavation, Backhoe O.61m3 + Manpower Disposal of Surplus Soil (manpower loading) Backfill C. Miscellancous	m3 m3 m3	2, 76 2, 22	45.7% 11.4%	10.8%	43. 5%	30, 6%			36. 76 0, 00	38. 09 0. 00	247.06 0,00 2,135.85 19.6%	159, 03 0, 00	162, 87 0, 90	284, 28 321, 90 0, 00	0.0%

<u>606(1)</u>	Hand-Laid Rock Apron (Loose Boulder Ap	ron)											Uniti	100.00	m3	
						l	nit Rate	e				Amo	UBL			
lten No.	Description	Unit	Quantity	Γ_ "	Cor	ponent	(%)		Total			Component (PP)			Total	Remarks
		\$		Lab.	Mat.	Equip.	for,	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
L002	Foreman	md	0, 50	100.0%	0.0%	0, 0%	0.0%	100.0%	566, 00	283.00	0, 00	Ö, 00	0.00	283, 00	283.00	
L019	Skilled Labor	md	B, 00	100.0%	0.0%	0.0%	0, 0%	100.0%	403.00	0, 00	0.00	0, 00	0.00	0,00	0.00	
1.020	línskilled Labor	md	0,60	100, 0%	0.0%	0.0%	0, 0%	100.0%	314.00	188.40	B, 00	0.00		188.40	188, 40	1
W0122	Crushed Aggregate. transported	m3 -	113.00	9.1%	15.5%	75,4%	47.0%	53.0%	258.00	2, 645. 13	4, 528, 00	21, 980. 87	13, 712, 62	15, 443, 38	29, 154, 00	Loss 13, 0%
R0102-061	Backhoo, hydraulic, crawler, 0.61m3	hr	8, 70	1.1%	8,4%	87.2%	52.9%	47.1%	1, 740, 00	666. 07	1, 271, 59	13, 200, 34	8, 004, 77	7, 133, 23	15, 138, 00	1
R0402-020	Truck Crane, Hydraulic 16-201	hr	0, 00	6, 9%	7.7%	85.4%	51.5%	48, 5%	1, 070, 00	a. ooj	90, 90	0.00	11, 00	0, (0)	0, 00	
	Miscellancous	1.5	1,00			1.				Ø. 00	0, 00	0.00	0,00	0, 00	0.00	0.0%
	Total									3, 782, 61	5, 799. 59	35, 181, 21	21, 747, 39		44, 763, 40	
	Components (%)									8.5%	13.0%	78, 6%			100.0%	
	Unit Rate	m3								37.86	58, 84	352.10	217.35	230,65	448.00	

# 507 (2) a Steel Sheet Piles (76x457x4mm), furnished & driven

							nit Rate		·			Атюці	nt			
lten No.	Description	Unit	Quantity			ponent			Total			Component (PP)			Total	Remarks
		1		Lab,		Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	local	<u>(99)</u>	
L002	Foreman	md	0, 51	100, 0%	0.0%	0, 0%		100.0%	566.00	288.66	0, 00	0.80	0.00	288, 66	288.66	
L019	Skilled Labor	Ind	1.02	100.0%	0.0%	0, 0%	0.0%	100.0%	403, 00	411,06	0.00	0.00	0.00	411.06	411,06	
1.020	Unskilled Labor	nd	0, 51	100, 0%	0.0%	0, 0%	ß 0%	100.0%	314,00	160.14	0.00	Q. 00	0.00	160.14	160, 14	
M02041	Steel Sheet Pile	kg	t, 632.70	0.0%	100.0%	0.0%	70.0%	30.0%	32.10	0, 00	52, 469, 67	0.00	36, 686, 77	15, 722, 90	52, 409, 67	
80502-045	Vibratory Pile Driver, Hydraulic 45 t-m	hr	3. 34	1.9%	22.6%	75, 5%	55.7%	44.3%	3, 420, 00	217,03	2, 581, 55	8, 624, 21	6, 360. 60	5, 062, 20	11, 422, 80	
K1001-150	Generator 101-150 kW	day	0.51	0, 0%	52.2%	47.8%	59,9%	40.1%	3,610.00	0, 00	961.05	880.05	t, 103, 73	737, 37	1, 841. 10	
R0402-025	Truck Crane, Hydraulic 21-25t	hrí	2,00	5.5%	6.8%	87.7%	52.0%	48.0%	1, 330, 00	146, 30	180. 88	2, 332, 82	1,382.18	1, 277, 82	2,660.00	
	Miscellaneous	LS	1.00	20, 0%	20.0%	60.0%	50, 0 <u>%</u>	50, 0%;		415.16	415.16	1, 245. 48	1,037.90	1,037.90	2, 375, 80	3.0%
	Total									1,638,35	56, 548, 32	13, 082, 56	46, 571, 17	24, 698, 1/6	71, 269, 23	
	Components (%)	1								2.3%	79.3%	18.4%	_65, 3%	34.7%	100.0%	
	Unit Rate									16, 391	565.73	130.88	465, 91	247, 09	713.00	

To : Required time for each sheet pile	=	12.02 min/each	Nmax: Maximum SPT N-Value	30
y ∶ Coefficient	7	0, 02	K : Coefficient	1.02
n : Coefficient	=	3.68	F : Efficiency Factor	1,00
L : Driving length	=	6.000 m	T : Operation Hour	6,56 hr/daγ

# 507(2)b Steel Sheet Piles (400x85x8mm), furnished & driven

1						U	it Rate	1					it			
item No. 🔰	Description	linit	Quantity		Cor	¶ponent 1	36)		Total			Component (PP)			โอเลโ	Remarks
				Lab,	Mat.	Equip,	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
L002	Foreman	nd	0, 51	100.0%	0.0%	0,0%	0.0%	100.0%	566, 00	288, 66	0.00	0,00	0, 00	288.66	288, 66	
L019	Skilled Labor	nd	1. 02	100.0%	0.0%	0.0%	0, 0%	100, 0%	403.00	411.06	0, 00	0.00	0, 60,	411.06	411.06	
L020	Unskilled Labor	, md i	0, 51	100.0%	0.0%	8, 0%	0.0%	100.0%	314.00	160, 14	0, 00	0, 00	0.00	160, 14	160.14	
M02041	Steel Shoet file	kg	3, 550, 00	0,0%	100,0%	0, 0%	70.0%	30.9%	32.10	0,00	113, 955, 00	0, 00)	79, 768, 50	34, 186, 50]	113, 955, 00	
0502-045	Vibratory Pile Driver, Nydraulic 45 t-m	lir	3. 34	1.9%	22.6%	75.5%	55.7%	44.3%	3, 420, 00	217,03	2,581.55	8,624.21	6, 360, 60	5,062,20	11, 422, 80	
1801-150	Generator 101-150 kW	day	0, 51	0,0%	52.2%	47.8%	59, 9%	40.1%	3, 610, 10	0,00	961, 05	880, 115	1, 103, 73	737.37	1, 841, 10	
0402-025	Truck Crane, Hydraulic 21-251	hr	2,00	5.5%	6.8%	87, 7%	52.0%	48.0%	1, 330, 00	146, 30	180.88	2, 332, 82	1, 382. 18	1,277,82	2,660,00	
	Miscellancous	LS	1.00	20.0%	20.0%	60, 0%	50.0%	50.0%		784, 43	784, 43	2, 353, 30	1,961.08	1,961.08	3, 922, 16	3.0%
	Total									2,007.63	118, 462, 92	14, 190, 38	90, 576, 09	44, 084, 84	134,660,92	
	Components (%)									1, 5%	88. 0%	10, 5%	67.3%	32.7%	100.0%	
	Unit Rate	n I						-		20, 13	1, 187, 61	142.26	908, 04	441,96	1,350.00	

Te : Required time for each sheet pile γ : Coefficient α : Coefficient L : Driving length	= = =	12.02 min/each 0.02 3.68 6.000 m	Nmax: Maximum SPT N-Value Қ: Coefficient f: Efficiency Factor T: Oneration Hour	30 1.02 1.00 6.56 hr/day
L : Driving length	=	6.000 m	T : Operation Hour	6.56 hr/day

509(1)	Gabions												Unit:	10,00 m	3	
						1	nit Rat	e				Απου	<u>it</u>			
ltem No,	Description	Unit	Quantity		Con	nponent	(%)		Total			Component (PP)			Total	Remarks
				Lab,	Hat.	Equip.	For.	Local	(99)	Labor }	Material	Equipment	Foreign	Local	(PP)	
1.002	Foreman	md	(1. 70	100, 0%	0,0%	0,0%	0. 0)	5 100.0%	566, 00	396, 20	0,00	8,00	0.00	396, 20	396.20	
L019	Skilled Labor	md	2. 70	100.0%	0.0%	0.0%	0.0	100.0%	403.00	1, 088. 10	0.00	0.00	0.00	1, 088. 10	1, 088. 10	
1.020	Unskilled Labor	md	2, 40	100, 0%	0,0%	0.0%	0, 0)	100,0%	314.00	753, 60	O, OB	0.00	0.00	753, 60	753, 60	
M09602	Gabion Cage 500x1000x2000	each	10,00	0.0%	100,0%	0,0%	30, 09	70.0%	710.00	0, 00	7, 100, 00	0, 00	2, 130, 00	4, 970, 00	7, 100, 00	}
W0129	Gravel/Stone, transported	m3	9.50	11.7%	18.7%	69.7%	44. 99	55.1%	196.00	217.29	347.43	1, 297. 28	836.02	1, 025, 98	1, 862, 00	-Loss 5, 0%
R0102-061	Backhoe, hydraulic, crawler, 0,61m3	hr	3, 10	4, 1%	8.4%	87, 2%	52, 99	17.1%	£, 740, 80	237, 34	453, 10	4, 703, 57	2, 852, 27	2, 541, 73	5, 394, 00	ŀ
M10202	Filter Cloth	m2	20.00	0.0%	100.0%	0.0%	60.09	40.0%	82.30	0.00	1, 646. 08	0.00	987.60	658.40	1, 646. 00	
	Miscellaneous	LS	00.1					L		0, 00	0, 01	8, 00	0, 00,	0, 00	0.00	0.0%
	Total									2, 692. 53	9, 546. 52	6,000.85	6, 805, 90	11, 134.00	18, 239, 90	
	Components (%)									14.8%	52, 3%	32, 9%	37.3%	62, 7%	100.0%	
	linit Rate	m3								268, 66	952, 56	598, 77	679,10	1, 140. 90	1, 820, 00	

#### 509(2) Gabion Mattress t=300mm

509 (2)	Gabi <u>on Mattress</u> t=300mm												Uniti	10,00	n3	
				[		ų,	nit Rate	,				Аточ	)t			
Item No.	Description	Unit	Quantity		Cor	ponent	()		Total			Component (PP)			Total	Remarks
·				Lab,	Kat.	Equip.	For,	Local	(PP)	l.abor	Material	Equipment	Foreign	Local	( <u>PP</u> )	
L002	Foreman	md	0.70	100.0%	0.0%	0.0%				396.20	0.00	0.00	0, 00	396, 20	396, 20	
	Skilled Labor	md	2, 70	100, 0%	0.0%	0, 0%	0, 0%	180, 0%	403, 00	1, 088, 10	0, 00	8, 00	0, 00]	1, 088, 10	1, 088. 10	
L020	Unskilled Labor	md	2,40	160, 0%	0, 0%	0,0%	0,0%	100,0%	314.00	753.60	Ö. 00	0.00	0.00{	753.60	753.60	
409605	Gahion Mat Cage H=300mm	m2	33. 33	0.0%	100.0%	0.0%	30.0%	70.0%	617.00	0.00	20, 564. 61	8,00	6, 169, 38	14, 395, 23	20, 564, 61	
W0129	Gravel/Stone, transported	m3	9,50	11.7%	18, 7%	69.7%	44.9%	55, 1%	196, 00	217.29	347.43	1, 297, 28	836, 02	1, 025, 98	1, 862, 00	
R0102-061	Backhoe, hydraulic, crawler, 0,61m3	hr	3, 10	4,4%	8.4%	87.2%	52, 9%	47.1%	1,740.00	237.34	453.10	4, 703. 57	2, 852. 27	2, 541, 73	5, 394, 00	
	Miscellaneous	LS	1.00							<u>0, v</u> o	Q, 081	0,00	0.00	0,00	0, 00	0.0%
	Total			! [						2, 692, 53	21, 365, 13	6,000.85	9, 857, 68	20, 200, 83	30, 058, 51	
	Components (%)									9,0%	71, 1%	20.0%	32. 8%	67.2%	100. 11%	
	linit Rate	m3			_					269.62	2, 139. 46	600, 91	987, [3]	2, 022, 87	3, 010. 00	

609(3)	Filter Cloth												Unit:	10, 00 (	m2	
-						1	hit Rat	ę				Алон	int			
Item No.	Description	Unit	Quantity		Co	mponent	(%)		Total			Component (PP)			Total	Remarks
L				Lab.	Hat.	Equip.	For.	Local	(99)	Labor	Waterial	Equipment	Foreign	Local	(PP)	{
L020	Unskilled Labor	md	0, 06	100,0%	0, 09	6 0.1%	0.0	100.0%	314.60	18.84	0, 00	0, 00	0.00	18.84	18.84	
M10202	Filter Cloth	. m2	10, 70	0.0%	100,07	6 0.0%	60.0%	40, 0%	82.30	0.00	880.61	0.00	528.37	352, 24	880, 61	Loss 7.0%
	Misc <u>ellan</u> eous	LS	I.00	0.0%	10.07	6 <u>90, 0%</u>	50,0%	50,0%		0.00	\$, <u>80</u>	16, 19	8.99	8, 99	17.99	2.0%
	<u>[eta]</u>			L						18.84	882.41	16. 19	537, 36	380, 08	917, 44	
	Components (%)							1		2.1%	96, 2%	1, 8%	58.6%	41.4%	100.0%	
	Unit Rate	m2						T		1.88	88.20	1.62	53, 71	37,99	91,70	

510(1)	Rubble Concrete Slope Protection												lini t :	10,00 a	m3	
						U	nit Rate					Ainc	unt			
Item No.	Description	Unit	Quantity		Cor	ponent	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
₩0731	Rubble Concrete	[ m3 ]	10.00	6, 2%	51, 5%	42, 4%	52.6%	47.4%	922, 00	567.1]	4, 746. 72	3, 906. 17	4,846.50	4, 373, 50	9, 220, 00	
¥0732	Granular Bedding for Rubble Concrete	m3 ]	2.74	27.4%	12, 5%	60.1%	37.5%	62.5%	399.00	299.68	136.18	657.40	410, 13	683, 13	1,093,26	
	Washoul Prevention Filter, furnish and	m2	28, 57	2, 1%	96.2%	1.8%	58.6%	41.1%	91.70	53. 80	2,519,84	46, 23	1, 534, 50	1, 085, 37	2, 619, 87	(
l	laving	1.1											.,	, ,		
	Miscellaneous		1.00	2.0%	55. <u>0%</u>	43.0%	<u> </u>	50.0%		5.17			129. 33	[ 129.33]	258.66	2.0%
	Total		_							925. 77	7, 544, 99	4, 721. 03	6, 920, 47	6, 271. 32	13, 191, 79	
	Components (%)	1. 1								7.0%	57.2%	35, 8%	52.5%	47.5%	100.0%	
	línit Rate	m3								92.63	754, 97	472, 40	692.48	627.52	1, 320.00	

Miscellaneous covers the costs for subgrade preparation, weep holes, etc.

# Part H Miscellaneous Structures

600 <u>(1)</u> a	Concrste Curb, Type A (200x450mm)												<u>linít:</u>	100.00	<u>m</u>	
						U	Init Rate	e				Anou	int			1
Ucat No.	Description	Unit	Quantity		Ca	mponent	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat,	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	<u>(۲۲)</u>	
W0203	Concrete (Class A, 21MPs, max agg. 38mm)	m3	8.04	2.4%	82.3%	15.3%	56, 9%	43, 1%	1, 570.00	298. 80	10, 393, 65	1, 930, 35	7, 181, 92	5, 440, 88	12, 622, 80	Loss 2.0%
W0235	Concrete Pouring by Manpower for small structures	m3	7.88	98. 0%	0, 2%	1.8%	1.1%	98, 9%	224. 00	1, 730. 51	3, 46	31, 15	19, 04	1, 746, 08	1, 765, 12	1
W0236	Concrete Curing (plain concrete)	m3	7.88	70.9%	8,7%	20.4%	16,0%	84.0%	8.85	49.46	6, 08	14.20	11.15	58, 59	69,74	
₩0240	Formwork (plain concrete H<4m)	m2	90, 19	58.9%	40, 4%	0.8%	2.9%	97.1%	222, 110	11, 784. 97	8, 080, 17		588, 53	19, 433, 65,	20,022.18	
	Miscellaneous	LS	<u>L 00</u>							0.80	0.00	0,80	0.00	0.00	0.00	
	Total									13,863.74	18, 481, 36	2, 132, 73	7,800.63	26, 679. 21	34, 479, 84	<u>ا</u> ــــــــــــــــــــــــــــــــــــ
	Components (%)									40. 2%	53, 6%	6.2%	22, 6%		100.0%	
	Unit Rate	m								138, 72	184.94	21, 34	78, 05	266.95	345, 00	

						L	Init Rate					Amou	nt			
Lem No.	Description	Unit	Quantity		Cor	ponent	(%)		Total			Component (PP)			Total	Remarks
				Lab,	Mat,	Equip.	For.	Loca	(٩٩)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	4.87	2, 4%	82.3%	15.3%	56, 9%	43.1%	1, 570, 00	180.99	6, 295, 65	1, 169, 25	4, 350, 24	3, 295, 66	7,645.90	Loss 2.
W0235	Concrete Pouring by Manpower for small structures	m3	4. 77	98, 0%	0, 2%	1.8%	1.1%	1 1	224.00	1, 047. 53	2.10	18.86	11.52	1, 056, 96	1, 068, 48	
4023fi	Concrete Curing (plaja concrete)	m3	4.77	70, 9%	8,7%	20.4%	16.0%	84.0%	8, 85	29.94	3, 69	8, 59	6.75	35.46	42.21	
W0240	Formwork (plain concrete HK4m)	m2	63.87	58, 9%	40, 4%	0,8%	2.9%	97.1%	222.00	8, 345, 78	5, 722, 15	111.21	416, 78	13, 762, 36	14, 179, 14	
	Miscellancous	LS	L. 00							0.00	0,00	0.00	0.00	0,00	0, 00	0.0%
	Total									9, 604. 24	12, 023, 58	1, 307. 91	4, 785, 29	18, 150, 14	22, 935. 73	
	Components (%)									41, 9%	52, 4%	5.7%	20, 9%	79, 1%	100.0%	
	Unit Kale	n l								95.89	120, 05	13.06	47.78	181, 22	229.00	

						11	nit Rate	;				Λπου	<u>nl</u>			
[tem No.	Description	Unit	Quantily		Co	nponent	(X)	_	Total			Component_(PP)			Total	Remarks
_	·			Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Materia]	Equipment	Foreign	Local	(PP)	
W0203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	13.82	2.4%	82, 3%	15.3%	56, 9%	13. 1%	1,570.00	513.61	17, 865, 70	3, 318, 09	12, 345, 04	9, 352. 36	21, 697, 40	Loss 2.
¥0235	Concrete Pouring by Manpower for small structures	π3	13.55	98. 0%	0.2%	1.8%	3.1%	98. 9%	224.00	2, 975, 69	5, 95	53. 56	32. 73	3, 002, 47	3, 035. 20	
W0236	Concrete Curing (plain concrete)	m3	13, 55	70.9%	8, 7%	20,4%	16, 0%	84, 0%	8, 85	85, 05	10.46	24.41	19, 18	100, 74	119, 92	
W02411	Formwork (plain concrete H<4m)	m2	71,50	58, 9%	40.1%	0, 8%	2.9%	97.1%	222.00	9, 342, 78	6, 405, 72	124.49	466, 57	15, 406, 43	15, 873, 00	
	Miscellancous	LS	1.00							0.00	0.00		0.00	0.00	1). 00	0. <u>0%</u>
	Total									12, 917, 13	24, 287, 83	3, 520, 55	12, 863, 52	27, 862.00	40, 725, 52	
	Components (%)									31.7%	59.6%	8, 6%	31.6%	68.4%	100, 0%	
	Unit Rate									129,09	242, 73	35, 18	128, 55	278, 45	107.00	

600 (3 <u>) b</u>	Combination Concrete Curb & Guttor/Side	Strip	, Type B <u>(675</u> x)	334mm)									<u>Un</u> it:	100.00 n	4	
						U	nit Rate					Алац	nt			
Item No.	Description	linit	Quantity		Cor	rponent	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat	Equip.	For.	Local	(99)	l.abor	Material	Equipment	Farcign	Local	(P <u>P</u> )	
W0203	Constete (Class A, 21MPa, max agg. 38mm)	m3	13, 31	2.4%	82. 3%	15.3%	56.9%	43.1%	1, 670. 00	494.66	17, 206, 40	3, 195, 64	11, 889, 47	9, 007. 23	20, 896, 70	Loss 2.0%
₩0235	Concrete Pouring by Manpower for small structures	m3	13.05	98, 0%	0, 2%	1.8%	1.1%	98, 9%	224, 110	2, 865. 88	5. 73	51, 59	31, 52	2, 891. 68	2, 923, 20	
₩0236	Concrete Curing (plain concrete)	m3	13.05	70, 9%	8.7%	20.1%	16,0%	84.0%	8, 85	81.91	10.07	23, 51	18.47	97.02	115, 49	{
₩0240	Fornwork (plain concrete H<4m)	m2 .	65, 52	58, 9%	40.4%	0, 8%	2.9%	97.1%	222.00	8, 561, 39	5, 869, 97	114.08	427.54	14, 117, 90	14, 545, 44	
	Miscellaneous	LS	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0. <u>0%</u>
	Total									12, 003, 83	23, 092. 18	3, 384. 82	12, 367. 01	26, 113, 82	38, 480, 83	
	Components (%)									31, 2%	60, 0%		32.1%	67.9%	100.0%	
	Unit Kate	n								120.10	231.04	33.87	123.73	261.27	385,00	

600 (3) c	Combination Concrete Curb & Gutter, Typ	≥e C (4	[75x334mm)										<u>Unit:</u>	<u>100,00 m</u>	<u> </u>	
		1				l	nit <u>Rat</u>	c				<u>Λ</u> πουι	ıl			
liem No.	Description	Unit,	Quantily		Ĺα	mponent	(%)		Total			Companent (PP)			Tutal	Remarks
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
	Concrete (Class A, 21MPa. max agg. 38mm)	m3	10.76	2. 1%	82.3%	15.3%	56.9%	43.1%	1, 570, 00	399, 89	[3, 909, 91	2, 583, 40	9, 611, 62	7,281.58	16, 893. 20	Loss 2.0%
W0235	Concrete Pouring by Manpower for small	m3	10.55	98.0%	0.2%	1.8%	1.1%	98.9%	224, 00	2, 316, 86	4, 63	41,70	25, 49	2, 337, 71	2, 363, 20	
	structures	I													-	
	(Concrete Curing (plain concrete)	m3	10, 55	70.9%	6.7%					66, 22	H, 15	19, 01	14. 93	78.44	93. 37	Į
W0240	Formwork (plain concrete HK4m)	m2	71.50	58.9%	40, 4%	0.8%	2, 9%	97.1%	222.00	9, 342. 78	6, 405. 72	124.49	466, 57	15, 406, 43	15, 873, 00	
	Miscellaneous	LS	<u>1,</u> 00							0, 00		0,00	0,00	0.00	0.00	0.0%
	Total									12, 125, 75	20, 328. 41	2, 768. 61	10, 118. 61	25, 104, 16	35,222.77	
	Components (%)									34, 4%	57.7%	7.9%	28, 7%	71.3%	100.0%	
	Unit Kate	m								121.18	203.15	27.67	101.12	250, 88	352.00	

### 601(1) PCC Pavement for Sidewalk (t=100mm)

Unit: 100.00 m2 Unit Male Anougt ltem No. Quantity Component (PP) Description Unit Component (%) Tots) Total Remarks Mat. Equip. For. Labor Material Equipment (PP)Lab, Local (PP)\_\_\_\_\_ Foreign Local Aggregate Subbase Course for Side Walk ₩0852 m2 100, 00 26, 4% 12, 7% 60. 9% 38. 7% 61. 3% 54.00 1, 427, 60 684.70 3, 287, 70 2, 090, 59 3, 309, 41 5,400.00 (t=100mm) PCC Pavement (Plain), t=100mm for Side W0853 **m**2 412.00 28, 733, 21 18, 999, 55 41, 200, 00 100.00 16, 8% 69, 7% 6, 1% 46.1% 46.5% 6, 919. 81 2, 495, 13 19, 148, 60 Walk 0.00 1.00 LS 0, 00 0.00 0.0% 0.00 0.00 8, 00 Misc<u>ellaneous</u> Total Components (%) Unit Rate 5, 782, 83 21,090.14 22, 458, 01 8, 347, 40 46, 690, 00 17.9% 63.1% 48, 2% 224, 58 12.4% 45.3% 100.0% 294.18 m2 67, 83 210, 90 166.00

# 602(1) Right-of-Way Monuments

602(1)	Right-of-Way Monuments						_						Unit:	100,00	each	
							nit Rat	e				Алон	un t			
ltem No.	Description	hit	Quantity			nponent			Total			Component (PP)			Total	Remarks
				Lab,	Hat.	Equip.			(PP)	l.abor	Material	Equipment	Foreign	Local	(P <u>(</u> )	
N0109	Excavation, Wanpower	) m3 ]	18.23	100. സ്പി	0, 0%	0,0%	0.0%	100.0%	132.00	2, 406. 36	0. 00	8,00	0.00	2, 406, 36	2, 406, 36	
W0115	Disposal of Surplus Soil (manpower loading)	m3	1.95	45, 7%	10, 8%	43. 5%	30.6%	69.4%	103, 00	91, 77	21.69	87. 38	61.54	139, 31	200, 85	
W0135	Backfill, Manpower + Compactor	En j	16.28	78.1%	5.6%	16.3%	12.5%	87.5%	76, 40	971.19	70.26	202.34	155.62	1,088,17	1, 243, 79	
W0203	Congrete (Class A, 21MPa, max agg.38mm)	т3	2.64	2.4%	82, 3%	15, 3%	56, 9%	43.1%	1, 570, 00	98.11	3, 412, 84	633, 85	2, 358, 24	1, 786, 56	4, 144, 80	Lass 2.0%
W0235	Concrete Pouring by Manpower for small structures	m3	2. 59	98, 0%	0, 2%	1.8%	1.1%	98.9%	224.00	568, 78	1. 14	10, 24	б. 26	573. 90	580, 16	
₩0236	Concrete Curing (plain concrete)	m3	2.59	70, 9%	8.7%	20_1%	16.0%	84.0%	8, 85	16.26	2.00	4.67	3, 67	19. 25	22.92	
W0240	Formwork (plain concrete H<4m)	m2	72.00	58.9%	40, 4%	0.8%	2.9%	97, 1%	222.00	9, 108, 12]	6, 450, 52	125, 36)	469, 83	15, 514, 17	15, 984, 00	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	346. 80	15.2%	77,0%	7.8%	54.0%	46.0%	23. 30	1, 227, 16	6, 222, 37	630, 90	4, 363. 03	3, 717, 41	8, 088. 44	
1.019	Skilled Labor	ind	3, 50	100.0%	0.0%	0.0%	0.0%	100.0%	403, 00	1, 418, 50	0.00	0.00	0.00	1, 410, 50	1, 410, 50	
	Miscellaneous	LS	1.00	0.0%	20.0%	80.0%	50.0%	50.0%		0,00	204. 44		511,11	511.11	1, 022, 21	3.0%
	Total									16, 198. 25	16, 385, 27		7, 929, 29	27, 166. 74	35, 096, 03	
	Components (%)									46, 2%	46. 7%	7.2%	22. 6%	77.4%	100, 0%	
	Unit Kate	each		7		{				162.00	163. 87	25. 13	79, 30	271.70	351.00	

Miscellaneous covers the cost for carving tools, etc.

2(2)	Maintenance Marker Posts for Drainage S	tructu	re										Unit:	<u>100, 00, n</u>	ach	
							nit Rate	·				Δπου	ıt			
ltem No.	Description	Unit	Quantily				(%)		Total			Component (PP)			Total	Remarks
				Lab.		Equip.	For.	Loca1	(PP)	Labor	Materia)	E <u>quipment</u>	oreign	Local	(PP)	
WO109	Excavation, Manpower	т3	144.00			0.0%	0.0%		132.00	19, 008, 00	0, 00	0, 08	0.00	19,008.00	19, 008, 00	
WO135	Backfill, Manpower + Compactor	m3	3.00	78.1%	5,6%	16.3%	12.5%	87. 5%	76, 40	178.97	12, 95	37, 29	28, 68	200.52	229, 23	
WO115	Disposal of Surplus Soil (manpower loading)	m3	141,00	45, 7%	10.8%	43. 5%	30, <del>6</del> %	69, 4%	183, 00	6, 635. 93	1, 568, 65,	6, 318, 42	4, 449. 89	10, 073, 11	14, 523, 00	
W0161	Gravel Foundation Fill	m3	0,00	24.8%	13, 1%	- 62, 1%)	39, 0%	61.0%	390, 00]	0, 00]	8, 00	0.00]	0, 081	0.00]	0,00	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0,00	2. 6%	80.9%	16.6%	56.6%	43, 4%	1, 450, 00	a, <i>0</i> 0)	0.00	0, 00	0, 00	0, 00	0,00	Loss 2
₩0235	Concrete Pouring by Manpower for small structures	т3	0.00	98, 0%	0.2%	1.8%	t. 1%	98. 9%	224, 00	u. 00	0, 00	0, 00	D, OQ	0, 00	a. oo	
¥0236	Concrete Curing (plain concrete)	m3	n, oo	70, 9%	8.7%	20.4%	16, 0%	84, 0%	8.85	0,00	0.00	0, 00	0.00	0,00	0.00	
W0243	Formwork (lean concrete)	m2	U. 00	41.3%	58,4%	0.8%	3.8%	96.2%	152, 00	0.00	0, 00	B. 00	0,00	0, 00	0.00	
¥0203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	4.28	2.4%	82.3%	15, 3%	56.9%	43, 1%	1, 570. 00	169,06	5, 532, 94	1, 027. 60	3, 823. 21	2,896,39	6, 719, 60	Loss 2
W0235	Concrete Pouring by Manpower for small structures	m3	4, 20	98, 0%	0. 2%	1,8%	1.1%	98, 9%	224, 00	922, 35	1. 84	16, 60	10, 15	930, 65	940, 80	
¥0237	Concrete Curing (reinforced concrete)	m3	4.20	74.6%	7.6%	17, 8%	14.0%	86.0%	4.21	13.19	1.35	3.14	2, 47	15.21	17,68	
W0241	Formwork (reinforced concrete 11(4m)	m2	104.00	59, 3%	39.9%	0, 8%	2.9%	97.1%	224.00	13, 811, 27	9, 302, 01	182.71	679.79	22, 616, 21	23, 296, 60	
W0251	Reinforcement Grade 40, outting, bending & assembly	kg	640.10	15.2%	77.0%	7.8%	54.0%	46.0%	23, 30	2, 265. 02	11, 484. 84	l, 164, 48	в, 052, 98	6, 861, 35	14, 914, 33	
	Miscellaneous	LS	1.00	5.0%	50,0%	45, 0%	50.0%	50.0%		119. 47	1, 194. 73	1, 075, 26	1, 194, 73	L, 194, <b>7</b> 3	2, 389, 46	3. 0%
	Total									43, 113, 27	29, 099. 30	9, 825, 49	18, 241, 89	63, 796, 18	82, 038. 07	
	Components (%)									52.6%	35, 5%	12.0%	22, 2%	77.8%	100, 0%	
	Unit Rate	each							-	430, 93	290. 86	98.21	182.33	637, 67	820, 00	

Miscellancous covers the cost for paint, brushes, minor tools, etc.

602(3)	Kilometer Post							_					Unit:	10,00	сяch	
						1)	n <u>it Rat</u> e	,				Алюц	ni			
Item No.	Description	Unit	Quantity		Cor	mponent	(%)		Total			Component (PP)			Total	Remarks
				Lah.	Mat.	Equip.		Local	(PP) (	Lahor	Material	Equipment	Foreign	Local	(PP)	
W0109	Excavation, Manpower	_m3	9, 36	100,0%	0.0%	0.0%	0, 0%	100.0%	132.00	1, 235, 52	0, 00	0.00	0.08	1,235.52	1,235.52	
₩0115	Disposal of Surplus Soil (manpower loading)	m3	ι. 23	45.7%	10, 6%	43, 5%	30, 6%	69. 4%	103.00	57. 89	13, 68	55, 12	38, 82	87, 87	126, 69	
W0135	Backfill, Mannower + Compactor	m3	8.13	78.1%	5,6%	16.3%	12.5%	87.5%	76, 40	485. 00	35, 09	101, 04	77. 72	543, 41	621.13	
W0203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	1, 98	2.4%	82.3%	15.3%	56, 9%	43, 1%	1, 570. 00	73, 59	2, 559, 63	475. 38	L, 768, 68	1, 339, 92	3, 108, 60	Loss 2.09
W0235	Concrete Pouring by Manpower for small structures	m3	1.94	98.0%	0.2%	1.8%	1.1%	98. 9%	224.00	126.04	0, 85	7, 67	4, 69	429, 87	434. 56	
¥0237	Concrete Curing (reinforced concrete)	m3	I. 91	74.6%	7.6%	17, 8%	14.0%	86.0%	4, 21	6, 10	0.62	1. 45	L 14	7,03	8.17	
¥0241	Pornwork (reinforced concrete H(4m)	) m2 ]	22, 01	59, 3%	39.9%	0.8%	2.9%	97.1%	224, 00	2, 922, 94	1, 968, 63	38.67	143.87	4, 786. 37	4, 930, 24	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	61, 20	15, 2%	77.0%	7.8%	54.0%	46, 0%	23, 30	216, 56	1, 098, 07	111. 34	769, 95	656. 01	1, 425, 96	
	Miscellaneous	LS	1,00	10.0%	50.0%	40.0%	50, 0%	50.0%		35. 67	178.36	142.69	178, 36	178.36	356, 73	3. 0%
	Total									5, 459, 30	5, 854, 93	933. 36	2, 983, 22	9, 264, 38	12, 247, 60	
	Components (%)									44.6%	47.8%	7, 6%	24.4%	75.6%	100.0%	
	Unit Rate	each								543.81	583.22	92,97	297.16	922.84	1, 220, 00	

Miscellancous covers the cost for paint, brushes, minor tools, etc.

#### 603(3)a Metal\_Guardreils (Metal Beam) Type A (Embedded in Soil)

603(3)a	Metal Guardrails (Metal Beam) Type A	(Enbedde	d in Soil)				_						<u>Unit</u> :	100.00 1	n	
		· · · · · ·		<u> </u>		. ()	nit Rat	ė					ant			
ltem No.	Description	Unit	Quantity		Cor	ponent	(%)		Total			Component (PP)			Total	Remarks
				Lab,	Mat.	Équip.	For.	l.ocal	(PP)	Labor	Material	Equipment	Fareign	Local	(PP)	
1.020	Unskilled Labor	md	29.00	100.0%	U. 0%	0.0%		100.0%		9, 106. 00	0.00	0, 40	0.00	9, 106, 00	9, 106. 00	
W0871	Guardrail Type A. furnish	m	100.00	8, 0%	78.8%	13.2%	59.1%	40.9%	902.00	7, 178, 25	71, 116. 53	11, 905, 21	53, 345. 14	36, 854, 86	90, 200, 00	
	Misceltaneous	I.S	<u>1.</u> 0(I							0.00	0,00	0.00	<u>0. B0</u>	0.00	0, 00	0.0%
	Total	<u> </u>								16, 284. 25	71, 116, 53	11,905,21	53, 345. 14	45, 960, 86	99, 306, 00	
	Components (%)									16, 4%	71.6%	12.0%	53.7%	46. 3%	100, (1)6	
	Unit Rate	m		T			·			162.83	711.12	L19, 04	533. 42	459, 58	993.00	

# Matal Guardrails (Matal Room) Type R (Fmhedded in Concrete) 603 (3) h

<u>Metal Guardrails (Metal Beam) Type B (E</u>	mbedde	d in Concrete)										Unit:	100. 00	Φ	
]	1 1				. 8	lnit Rati	e		-		Απουι	nt		]	
Description	Unit	Quantity		Cor	iponent	(i)		Total			Component (PP)			Total	Remarks
		-	Lab.	Mat.	Equip.	For,	Local	(99)	Labor	Material	<u>Liqu</u> i prent	Foreign	Local	(PP)	
Unskilled Labor	nd	16,00	100,0%	0.0%	0.0%	0.0%	100.0%	314.00	5, 024, 00	0.00	0.00	0.00	5,024.00	5, 024, 00	
Guardrail Type B, furnish	m	108, 00	9.2%	76.5%	14.3%	58.1%	41.9%	707.00	6, 502. 93	54, 092, 14	10, 104, 93	41, 045, 43	29,654.57	70, 700, 00	
Reinforcement Grade 40, cutting, bending & assembly	ks	54, 80	15. 2%	77.0%	7.8%	51.0%	46.0%	23. 30	193, 91	983, 24	99, 69	689, 43	587.41	1, 276, 84	
Wiscellaneous	LS	1.00	10.0%	50.0%	40.0%	55.0%	45.0%		308.00	1, 540, 02	1, 232. 01	1,694,02	1, 386, 02	3, 080, 03	4.0%
Total									12, 028, 85	56, 615, 39	11, 436, 63	43, 428. 87	36, 652, 00	80, 080, 87	
Components (%)									15.0%	7U. 7%	14. 3%	54.2%	45, 8%	100.0%	
Unit Rate	n (		-						120.32	566, 29	114.39	434.39	366. 61	801.00	
	Description Unskilled Labor Guardrail Type B. furnish Reinforcement Grade 40, cutting, bending & assenbly <u>Miscellaneous</u> Total Components (%)	Description Unit Unskilled Labor and Guardrail Type B, furnish m Reinforcement Grade 40, cutting, bending kg Kassenbly LS Total Components (%)	Description         Unit         Quantity           Unskilled Labor         md         16.00           Guardrail Type B. furnish         m         100.00           Reinforcement Grade 40, cutting, bending         kg         54.80           & assenbly         LS         1.00           Miscellaneous         LS         1.00	Unskilled Labor         Lub.           Guardrail Type B. furnish         md         16,00         100.00           Reinforcement Grade 40, cutting, bending         m         100.00         9.2%           & assembly         kg         54.80         15.2%           Miscellaneous         L5         1.00         10.0%	Description         Unit         Quantity         Cor           Unskilled Labor         and         16,00         100,0%         0.0%           Guardrail Type B, furnish         m         100,00         9.2%         76.5%           Reinforcement Grade 40, cutting, bending         kg         54.80         15.2%         77.0%           Miscellaneous         LS         1.00         10.0%         50.0%	Description         Unit         Quantity         Component Lab.         Mat.         Enuity Environment           Unskilled Labor Guardrail Type B, furnish Reinforcement Grade 40, cutting, bending & assenbly         md         16.00         100.0%         0.0%	Description         Unit         Quantity         Unit Rat Component (%)           Unskilled Labor Guardrail Type B, furnish Reinforcement Grade 40, cutting, bending & assenbly         md         16,00         160,0%         0.0%         50.0%         10.0%         50.0%         40.0%         55.0%         40.0%         55.0%         40.0%         55.0%         40.0%         55.0%         40.0%         55.0%         40.0%         55.0%         40.0%         55.0%         40.0%         55.0%         40.0%         55.0%         40.0%         55.0%         40.0%         55.0%         40.0%         55.0%         40.0%         50.0%         40.0%         50.0%         40.0%         50.0%         40.0	Description         Unit         Quantity         Init Rate           Unskilled Labor         and         16,00         100.0%         0.0%         0.0%         100,0%           Unskilled Labor         and         16,00         100.0%         0.0%         0.0%         100,0%           Guardrail Type B. furnish         m         100,00         9.2%         76.5%         14.3%         58.1%         41.9%           Reinforcement Grade 40, cutting, bending         kg         54.80         15.2%         77.0%         7.8%         51.0%         46.0%           Miscellaneous         LS         1.00         10.0%         50.0%         40.0%         55.0%         45.0%	Description         Unit         Quantity         Unit Envire         Total           Lab.         Hait         Envire         For         Local         (PP)           Unskilled Labor         md         16.00         100.0%         0.0%         0.0%         0.0%         100.0%         314.00           Guardrail Type B. furnish         m         100.00         9.2%         76.5%         14.3%         58.1%         41.9%         707.00           Reinforcement Grade 40, cutting, bending & assenbly         kg         54.80         15.2%         77.0%         7.8%         54.0%         46.0%         23.30           Miscellaneous         LS         1.00         10.0%         50.0%         40.0%         55.0%         45.0%	Description         Unit         Quantity         Unit Eate         Total           Unskilled Labor         md         16.00         100.0%         0.0%         0.0%         100.0%         314.00         5.024.00           Guardrail Type B. furnish         md         16.00         100.0%         0.0%         0.0%         100.0%         314.00         5.024.00           Reinforcement Grade 40, cutting, bending & kg         54.80         15.2%         77.0%         7.8%         54.0%         46.0%         23.30         193.91           Miscellaneous         LS         1.00         10.0%         50.0%         40.0%         55.0%         45.0%         308.00           Components (%)         Components (%)	Description         Unit         Quantity         Unit Eate         Total           Lub.         Wat. Equip.         For.         Local         (PP)         Labor         Material           Unskilled Labor         md         16.00         100.0%         0.0%         0.0%         0.0%         314.00         5,024.00         0.00         0.00           Guardrail Type B. furnish         m         100.00         9.2%         76.5%         14.3%         58.1%         11.9%         707.00         6,502.93         54,092.14           Reinforcement Grade 40, cutting, bending & kg         54.80         15.2%         77.0%         7.9%         54.0%         46.0%         23.30         193.91         983.24           Miscellaneous         LS         1.00         10.0%         50.0%         40.0%         55.0%         45.0%         308.00         1,540.02           Components (%)         Components (%)             12,028.85         56.61.33	Description         Init         Rate         Init         Rate         Amou           Unskilled Labor         and         16,00         100,0%         0.0%         0.0%         100,0%         314,00         5,024,00         Material         Equipment         Equipment           Unskilled Labor         and         16,00         100,0%         0.0%         0.0%         100,0%         314,00         5,024,00         0.00         0.00         0.00           Guardrail Type B, furnish         m         100,00         9,2%         76,5%         14,3%         58,1%         41,9%         707,00         6,602,93         54,092,14         10,104,93         84 assembly         100,00         9,2%         76,5%         14,3%         58,1%         41,9%         707,00         6,602,93         54,092,14         10,104,93         84 assembly         100,00         9,2%         76,5%         14,3%         54,0%         23,30         193,91         983,24         99,69         99,69         84 assembly         10,00,0%         55,0%         45,0%         308,00         1,510,02         1,232,01         1,2,028,85         56,615,339         11,436,53         11,436,53         11,436,53         11,436,53         11,436,53         11,436,53         11,436,53 <td>Description         Init         Rate         Init         Init         Init         Init         Init</td> <td>Description         Init         Rate         Init         Rate         Total         Component (PP)         Amount           Unskilled Labor         md         16.0         Nat.         Enuit.         For.         Local         (PP)         Labor         Material         Equipment         Foreign         Local           Unskilled Labor         md         16.00         100.0%         0.0%         0.0%         100.0%         314.00         5,024.00         0.00         0.00         0.00         5,024.00           Guardrail Type B. furnish         m         100.00         9.2%         76.5%         14.3%         58.1%         41.9%         707.00         6,502.93         54,092.14         10,104.93         41,045.43         29,654.57           Reinforcement Grade 40, cutting, bending         kg         54.08         15.2%         77.0%         7.8%         54.0%         23.30         193.91         983.24         99.69         689.43         587.41           Kassenbly         Ls         1.00         10.0%         50.0%         40.0%         55.0%         308.00         1,540.02         1,232.01         1,694.02         1,386.62           Total         Local         Local         Local         20.0%</td> <td><math display="block"> \begin{array}{c c c c c c c c c c c c c c c c c c c </math></td>	Description         Init         Rate         Init         Init         Init         Init         Init	Description         Init         Rate         Init         Rate         Total         Component (PP)         Amount           Unskilled Labor         md         16.0         Nat.         Enuit.         For.         Local         (PP)         Labor         Material         Equipment         Foreign         Local           Unskilled Labor         md         16.00         100.0%         0.0%         0.0%         100.0%         314.00         5,024.00         0.00         0.00         0.00         5,024.00           Guardrail Type B. furnish         m         100.00         9.2%         76.5%         14.3%         58.1%         41.9%         707.00         6,502.93         54,092.14         10,104.93         41,045.43         29,654.57           Reinforcement Grade 40, cutting, bending         kg         54.08         15.2%         77.0%         7.8%         54.0%         23.30         193.91         983.24         99.69         689.43         587.41           Kassenbly         Ls         1.00         10.0%         50.0%         40.0%         55.0%         308.00         1,540.02         1,232.01         1,694.02         1,386.62           Total         Local         Local         Local         20.0%	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $

Miscellaneous covers the cost for sand fill, fixing devices, etc.

# 604(1) Fencing (Barbed Wire)

						U	nil Rate	e				Алюно	it			
Item No.	Description	Unit	Quantity		Cor	ponent	(%)		Total			Component (PP)			Tota	Remarks
				Lab.	Mat,	Equip.	For,	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(99)	
L020	ünskilled Labor	md	16,00	100.0%	0.0%	0.0%	0.0%	100.0%	314.00	5, 024, 00	0, 00	0.00	0,00	5, 024, 00	5, 024. 00	
M04801	Lumber	m.3	0.86	0.0%	100.0%	0,0%		90, 0%	14,800.00	0.00	12, 728.00	0.00	1, 272. 80	11, 455, 20	12, 728, 00	
M02062	Barbed Wire	n	700, 00	U. O%	100,0%	Q. 0%			2.50	0.00	1,750.00	0, 001	612.50	1, 137, 50	1,750.00	
	Miscellapeous	LS	1,00	0, 0%	30.0%	70.0%	<u>55.</u> 0%	45.0%		0, 00	234.02	546, 06	429.04	351.04	780.08	4.0%
	Total			[						5, 024. 00	14, 712, 02	546.06	2, 314, 34	17, 967, 74	20, 282, 08	
	Components (%)									24. 8%	72, 5%]	2.7%	11.4%	<b>98. 6%</b>	100.0%	
	Unit Rate	m								50, 28	147. 25	5, 17	23, 16	179, 84	203.00	

Miscellaneous covers the costs for fixing materials, cutting pliers, nippers, cart, minor tools, etc.

# 604(2) Fencing (Chain Link Fence Febric)

04 (2)	Fencing (Chain Link Fence Febric)												Unit:	100. <u>00</u> -	m	
							hit Rate	9				Amou	nt			
ltem No.	Description	Unit	Quantity		Cor	ponent	(%)		Total			<u>Composent</u> (PP)			Total	Remarks
				Lab,	Mat.	Equip.	For.	Local	(PP)	Lahor	Materia)	Equipment	Foreign	Local	(PP)	
W0105	Excavation, Backhoe D.61m3	m3	8.33	4. 1%	8, 4%	87.2%	52.9%	47.1%	40.90	14.98	28, 62	297.09	180.16	160.54	340, 70	
W0111	Disposal of Surplus Soil (backhoe loading)	m3	6, 29	8.1%	14.8%	77.1%	51.5%	48, 5%	93, 00	47. 64	86, 30	451.03	301. 11	283, 86	584, 97	
W0133	Backfill C	m 3	2.04	11.4%	11.8%	76.7%	49.4%	50, 6%	145, 04	33, 78	35.00	227.02	146. 13	149, 67	295, 80	
W0204	Concrete (Class C, 21MPa, max agg.12mm)	m3	6, 38	2.2%	84.0%	13.8%	57.1%	42.9%	1,670.00	232, 40	8, 952. 42	1, 469, 78,	6, 086, 80	4, 567, 80	10,654.60	Loss 2.0%
W0235	Concrete Pouring by Manpower for small structures	m3	6, 25	98, 0%	0.2%	1.8%	1,1%	98. 9%	224. 00	i, 372. 55	2, 75	24. 71	15. 10	1, 384. 90	t, 100.00	
W0236	Concrete Curing (plain concrete)	En	6, 25	70, 9%	8.7%	20.4%	16.0%	84.0%	8.85	39, 23	4.82	11.26	8.85	46, 46	55, 31	
W0882	Chain Link Fence 25mm mesh (H=1.87m), furnished	m	100,00	7.1%	81.7%	11.3%	60. 2%	39, 8%	876. OU	6, 188. 83	71, 543. 84	9, 867. 33	52, 691, 94	34, 908. 06	87, 600, 00	
1.002	Foreman	nd	3. 60	100.0%	0.0%	0, 1%	0.0%	100, 0%	566, 00	1, 698. 00	0.00	U, OQ	0, 00	1, 698. 00	1,698.00	
1.020	Unskilled Labor	ba	20.00	100.0%	0.0%	0.0%	0.0%	100.0%	314.00	6, 280, 80	0,00	0.03	0.00	6, 280, 00	6, 280, 00	
R0402-005	Truck Crane, Hydraulic 2-5t	hr	2.86	17.9%	10.9%	71.2%	45, 7%	54.3%	412,00	210.92	128.44	838. 96	538, 74	639, 58	1, 178. 32	
	Miscellaneous	LS.	1 1.00							0, 00	0, 00	0, 00	0.00	0.00	0, 00	0.0%
	Total	L								16, 118, 34	80, 782. 18	13, 187. 18	59,968,81	50, 118, 89	110, 087, 70	
	Components (%)									14, 6%	73.4%	12.0%	54.5%	45. <u>5%</u>	100.0%	
	Unit Rate	n								161,06	807.18	131. 77	599. 21	500. 79	1, 100, 00	

604(3)	Fencing (Chain Link Fence Fabric on Br	<u>idge Ra</u>	iling)											LOO, <u>08</u>	n	
						i	nit Rate	;				Απου	unt			
Item No.	Description	Unit	Quantity			nponent	(%)		Total			Component (PP)			Total	Remarks
				l.ab.	Mat.	Equip.	<u>For</u> ,	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0882	Chain Link Fence 25mm mesh (li=1.87m), furnished		100.00	7.1%	81.7%	11.3%	60, 2%	39. 8%	876, 00	6, 189, 83	71, 543, 84	9, 867. 33	52, 691, 94	34, 908, 06	87, 600, 00	_
1,002	Poreman	nd	3, 00	100.0%	0.0%	0.0%	0.0%	100.0%	566, 00	1,698,00	0,00	0.00	0. OU	1, 698, 40	1,698.00	
1.020	Uuskilled Labor	nd	20.00	100.0%	O, 19%	0, 0%	0,0%	100, 0%	314.00	6, 280. 00	0, 00	0, 08	O, 09	6, 280, 00	6, 280. 00	
R0402-005	Truck Crane, ilydraulic 2-5t	hr	2.86	17, 9%	10, 9%	71.2%	45, 7%	54.3%	412.00	210, 92	128, 44	838, 96	538. 74	639, 58	1, 178, 32	
	Miscellaneous	1.5	1.00	0.0%	60, 0%	40, 0%	55, 0%	45.0%		0.00	580. 54	387.03	532, 16	435. <u>40</u>	967. 56	1.0%
	Total									14, 377. 75	72, 252, 82	11, 093, 32	53, 762, 84	43,961,05	97, 723, 88	
	Components (%)							•		14. 75	73.9%	11.4%	55, 0%	45. 0%	100, 0%	_
	Unit Rate	m								143.74	722, 35	110.91	537.50	439. 50	977.00	

Miscellaneous covers the cost for grouting, ctc.

Un i t :

100,00 m

5(1)a	Warning Signs (Triangular 900mm)												Unit	10.00	each	
				Ľ		U	nit Rate	2				Алюц	1t			
Lem No.	Description	Poit	Quantity		Cor	nponent I	(% <u>)</u>		Total	-		Component (PP)			Total	Remarks
				<u>1.ab.</u>	Mat.	Equip.	For.	Loca	(PP)	Labor	Material	<u>Quipment</u>	<u>Fareiga</u>	Local	(99)	
1.002	Foreman	md	0.83	100, 8%	0.9%	0.0%	0,0%	100, 0%	566.00	452.80	0.00	U, 00	0,60	452,80	452, 80	
1.020	Unskilled Labor	md	2,60	100.0%	0.0%	0.0%	0.0%	100.0%	314.00	816.40	0. 00	0.00	0.40	816.40	816, 40	
M07201	Traffic Sign Board (aluminum)	m2	3.51	0.0%	100.0%	0.0%	65.0%	35.0%	13, 800, 00	0, 00	48, 438, 00	0.00	34, 484, 70	16, 953, 30	48, 438, 00	
M08706	Steel Gas Pipe, \$\$0	m	35, 80	0.0%	100.0%	0, 0%	60.0%	40.0%	294.00	0, 00	10, 525, 20	0, 110	6, 315. 12	4, 210, 08	10, 525. 20	
M06003	Zine Rich Primer For Steel	kg	1.10	0.0%	100.0%	0,0%	65.0%	35.0%	374.00	0. 80	411.40	0.00	267.41	143.99	411, 40	
M06021	Phenol Resin Paint for Steel	kg	1.18	0.0%	100.0%	0,0%	65, 0%	35.0%	272.00	0,00	320, 96	0,00	208.62	112, 34	320. 96	
WD109	Excavation, Mannower	m3	13.27	100.0%	0.0%	0.0%	0.0%	100.0%	132.00	1, 751, 64	0.00	0.00	0, 00	1,751,64	1, 751, 64	
W0115	Disposal of Surplus Soil (manpower loading)	m3	1.26	45, 7%	10.8%	43. 5%	30.6%	69, 4%	103. 00	59, 30	14. 02	56. 4ñ	39. 76	90, 02	129. 78	
W0135	Backfill, Manpower + Compactor	m3	12,01	78, 1%	5.6%	16.3%	12.5%	87. 5%	76.40	716.46	51.84	149.27	114.80	802.76	917, 56	
¥0203	Concrete (Class A, 21MPa, max agg. 38mm)	. m3	1.29				56.9%		1, 570, 00	47.94	1,667,64	309.72	L 152.32	872, 98	2, 025, 30	Loss
W0235	Concrete Pouring by Manpower for small structures	m3	1.26			1.8%	1.1%	98, 9%	224. 00	276. 71	0.55		3. 04	279. 20	282. 24	
W0236	Concrete Curing (plain concrete)	m3	1.26	70, 9%	8,7%	20.4%	16.0%	84.0%	B, 85	7, 91	0.97	2. 27	1.78	9, 37	11.15	
W0240	Formwork (plain concrete 11(4m)	l m2 l	12,57	58, 9%	40, 4%	0.8%	2.9%	97.1%	222.00	1,642,50	1, 126, 15	21.89	82.02	2, 708, 52	2, 790, 54	
	Miscellaneous	1.5	1.00	0.0%	15.0%	55.0%	55.0%	45.0%	ļ	0. 00	309, 93	378.80	378.80	309, 93	688, 73	1.0%
	Total									5, 771, 65	62, 866, 66	923, 39	10, 048, 10	29, 513, 30	69, 561, 70	
	Components (%)									8, 3%	90, 4%	1.3%	57,6%	42.4%	100.0%	
	Unit Rate	each		11						577. 48	ii, 290, 13	92.39	4,007.04	2, 952, 96	6, 960, 00	
	Hissallanses sugar the cost for ft to				· · · · · ·							· · · · · · · · · · · · · · · · · · ·				

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

# 605(1)b\_\_\_\_\_ Warning Signs (Circular & 900mm)

		1				U	it Rate					Атонр	ι			
item No.	Description	Unit	Quantity		Con	ponent	<b>%</b> )		Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Eguipment	Forcign	Loca1	(PP)	
1.002	Foreman	nd i	0, 80	100.0%	0.0%	. 0.0%	0, 0%	100.0%	566.00	452.80	D, 00	0, 80]	0.00	452, 80	452.80	
F9\$0	Unskilled Labor	md	2.60	100, 0%	0.0%	0.0%	U. OX	100.0%	314.00	816.40	0,00	0.00	0.08	816, 40	816.40	
M07201	Traffic Sign Board (aluminum)	m2	6, 36	0,0%	100.0%	0.0%	65, 0%	35.0%	13, 800, 08	O. 08	87, 768, 00	0.00	57,049.20	30, 718, 80	87,768.00	
M08706	Steel Gas Pipe, \$\$0	m	34.00	0, 0%	100.0%	0.0%	60.0%	40.0%	294.00	O. 08	9, 996. 00	0, 00	5, 997. 60	3, 998, 40	9, 996, 00	
M06003	Zinc Rich Primer for Steel	kg	1, 04	0.0%	100.0%	0, 0%	65.0%	35.0%]	374.00	0.00	388, 96	0.00	252.82	136, 14	388, 96	
W06051	Phenol Resin Paint for Steel	kg	1.12	U. 0%	100,0%	0.0%	65.0%	35, 0%	272.00	0, 08	304, 64	0, 00	198.02	106.62	304, 64	
¥0109	Excavation, Manpower	m3	13, 27	100.0%	0.0%	0.0%	0.0%	100, 0%	132.00	1,751.64	0.00	0.00	0.00	1, 751, 64	1, 751, 64	
¥0115	Disposal of Surplus Soil (mannower loading)	m3	l. 26	45. 7%	10, 8%	43. 5%	30.6%	69. 1%	103, 00	59. 30	14. 02	56. 46	39. 76	90, 02	129. 78	
W0135	Backfill, Manpower + Compactor	m3	12.01	78.1%	5.6%	16.3%	12.5%	87.5%	76, 40	716.46	51, 84	149.27	114.80	802.76	917.56	
#0203	Concrete (Class A. 21MPa, max agg. 38mm)	m3	1.29	2.4%	82, 3%	15.3%	66.9%	43, 1%	1, 570, 00	47.94	1,667.64	309, 72	1, 152. 32	872, 98	2, 025, 30	Loss 2
WO235	Concrete Pouring by Manpower for small structures	m3	1.26	98, U%	0, 2%	l. 8%	1.1%	98, 9%	224. 00	276, 71	0, 55	4, 98	3, 04	279, 20	282. 24	
WO236	Concrete Curing (plain concrete)	n3	1.26	70.9%	8, 7%	20. 4%	16.0%	84, 0%	8.85	7. 91	0, 97	2, 27	1,78	9, 37	11, 15	
WO240	Formwork (plain concrete HK4m)	m2	12.57	58, 9%	40.4%	0.8%	2.9%	97.1%	222.00	1,642.50	1, 126, 15	21.89	82.02	2, 708, 52	2, 790, 54	
	Miscellancous	LS .	1.00	0.0%	45.0%	55.0%	55.0%	45.0%		0, 00	484.36		591.99	484, 36	1,076.35	1,0%
	Total									5, 771, 65	101,803,13	1, 136, 58	65, 483. 38	43, 227, 98	108,711,36	
	Components (%)									5, 3%	93.6%	1,0%	60.2%	39, 8%	100.0%	
	Unit Rate	each								578, 70	10, 207, 34	113,96	6, 565, 72	4, 334, 28	10, 900, 00	

# 605(2)a Regulatory Signs (Triangular 1039mm)

10.00 each Ünit:

[						່ ບ	hit Rate	2				Атоц	nl			
Item No.	Description	Unit	Quantity		Cor	ponent	(%)		Total			Component (PP)			Total	Remarks
				Lab,	Mal.	Equip.	For.	Local	(PP)	Lahor	Material	Equipment	Foreign	Local	<u>(PP)</u>	
L002	Foreman	md	0.80	100.0%	0.0%	0.0%	0,0%	100.0%	566, 00	452.80	0.00	0.60	0,00	452, 80	452,80	
1.020	Unskilled Labor	md	2.60	100, 0%	U. 0%	0.0%	0.0%	100.0%	314.00	816.40	0.00	0, 10	0.00	816.40	816.40	
M07201	Traffic Sign Board (aluminum)	m2	4.67	0,0%	100, 0%	0.0%	65.0%	35.0%	13,800.00	0, 00	64, 446. 00		41, 889, 90		64, 446, 00	
W08706	Steel Gas Pipe, \$\$0	1 m 1	37.00	0.0%	100.0%	0, 0%	60,0%	40.0%	294, 00	0.00	10, 878, 00	0, 80	6, 526, 80	4, 351, 20	10, 878, 00	
M06003	Zing Rich Primer for Steel	kg	1. 13	0, 0%	100, 0%	0.0%	65.0%	35.0%	374, 00	0, 00	422, 62	0,00	274.70	147, 92	422, 62	
M06021	Phenal Resin Paint for Steel	Kg	1.22	0.0%	100,0%	0,0%	65, 0%	35,0%	272.00	0.00	331.84	0. (4)	215, 70	116, 14	331, 84	
W0109	Excavation, Manpower	m3	13, 27	100,0%	0.0%	0.0%	0.0%	100.0%	132,00	1, 751, 64	U, 00	0,00	0.00	1, 751, 64	1,751 64	
WO115	Disposal of Surplus Soil (manpower loading)	m3	1. <b>26</b>	45.7%	10.8%	43, 5%	30, 6%	69.4%	103.00	59, 30	14. 02	56. 46	39. 76		129, 78	
WO135	Backfill, Manpower + Compactor	m3	12.01	78.1%	5.6%	16.3%	12.5%	87.5%	76.40	716.46	51.84	149. 27	114.80		917.56	
W0203	Concrete (Class A, 2)MPa, max agg.38mm)	m3	1, 29	2,4%	82, 3%	15, 3%	56, 9%	43, 1%	1, 570, 00	47.94	1, 667, 64	309, 72	1, 152, 32	872.98	2,025.30	Loss 2.0%
W0235	Concrete Pouring by Manpower for small structures	m3	1. 26	98, 0%	0, 2%	1.8%	I, 1%	98.9%	224. 00	276. 71	0, 55.	4, 98	3, 04	279. 20	282, 24	
W0236	Concrete Curing (plain concrete)	m3	1.26	70.9%	8,7%	20.4%	16,0%	84.0%	8.85	7. 91	0, 97		1.78	9.37	11, 15	
W024(I	Formwork (plain concrete il<4m)	m2	12, 57	58, 9%	40.4%	0.8%	2.9%	97.1%	222, 00	1, 642. 50	I, 12 <del>6</del> , 15]		. 82. 02	2, 708, 52	2, 790, 54	
L	Miscellaneous	LS	1.00	0.0%	45.0%	55.0%	55.0%	45.0%		0.00	383, 65		468.91		852.56	1.0%
	Total									<u>5, 771. 6</u> 5	79, 323. 28		50, 769, 75	35, 338, 68	86, 108, 13	
	Companents (%)									6.7%	92.1%		59.0%	41.0%	100.0%	
C,.	Unit Rate	each								577.1	7, 931, 55	101.34	5,076.48	3, 533, 52	8,610,00	

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

# 60<u>5 (2)</u> b Regulatory Signs (Octagonal 600nm)

605 (2) b	Regulatory Signs (Octagonal 600mm)												thit:	10.00	each	
		1 1				11	nit Rate	3				Αποι	int			
ltem No.	Description	Unit	Quentity			ponent			Total			Component (PP)			Total	Remarks
L				Lab.	Mat.	Equip.	For.	1.oca1	(PP)	Labor	Material	Equipment	Poreign	Local	(ዋየ)	
1.002	Foreman	mol	0.80	100.0%	0, 0%	0.1%	0.0%	100.0%	566, 00	452, 80	0,00	0, 00	8.00	452.80	452.80	í
L020	Coskilled Labor	nd	2,60	100, 0%	0, 0%	0.0%	0.0%	100.0%	314,00	816.40	0,00	0.00	8,00	816.40	816, 40	1
M07201	Traffic Sign Board (aluminum)	[ m2 ]	2, 98	0.0%	100.0%	0.0%	65, 0%	35.0%	13, 800, 00	0.00	41, 124, 00	0.00	26, 730, 60	[4, 393, 40	41, 124, 00	
M08706	Steel Gas Pipe, #80	n	34, 00	0.0%	100.0%	0, 0%	60.0%	40.0%	294.00	4.00]	9, 996, 00	0.00	5, 997. 60	3, 998, 40,	9, 996, 00	
M06003	Zinc Rich Primer for Steel	k R	1.04	0.0%	100.0%	0.0%	65.0%	35, 0%	374,00	0.00	388, 96	0.00	252.82	136, 14	388, 96	
M06021	Phenol Resin Paint for Steel	kg	1.12	0, 0%	100.0%	0,0%	65, 0%	35, 0%	272.00	(l, 00)	304, 64	0.00	198, 02	106.62	304, 64	
W0109	Excavation, Manpower	m3	13.27	100.0%	0.0%	0.0%	0.0%	100.0%	132,00	1, 751, 64	0.00	0, 00	B, 00	1, 751, 64	1, 751, 64	
WO115	Disposal of Surplus Soil (manpower loading)	m3	1, 26	45. 7%	10, 8%	43. 5%	30, 6%	69.4%	103, 10	59. 30	14,02	56, 46	39, 76	90. 02	129. 78	
W0135	Backfill, Manpower + Compactor	[ m3 ]	12.01	78.1%	5,6%	16.3%	12, 5%	87.5%	76, 10	716,46	51.84	149.27	114,80	802.76	917, 56	
W0203	Concrete (Class A, 21MPa, max agg 38mm)	m3	1.29	2.4%	82, 3%	15.3%	56, 9%	43. i%	1, 570, 00	47.94	1, 667, 64	309, 72	1, 152, 32	872, 98	2,025,30	Loss 2.0%
W0235	Concrete Pouring by Manpower for small structures	m3	1.26	98. 0%	0, 2%	1.8%	1.1%	98, 9%	224.00	276. 71	0, 55	4. 98	3, 04	279. 20	282. 21	
W0236	Concrete Curing (mlain concrete)	- m3	1, 26	70.9%	8, 7%	20, 4%	15.0%	84.0%	8, N5	7. 91	0.97	2. 27	1.78	9.37	11.15	
W0240	Fornwork (plain concrete IK4m)	m2	12, 57	58.9%	40.4%	0.8%	2, 9%	97.1%	222, 00	1, 642, 50	1, 126, 15	21, 89	82. 02	2, 708, 52	2, 798, 54	
	Miscellaneous	LS	1.00			55, 0%				0.00	274.46	335. 45	335, 45	274.46	609.91	1.0%
	Total									5, 771. 65	54, 949. 23	880, 04	34, 908, 23	26, 692. 69	61, 600, 92	
	Components (%)									9, 4%	89, 2%	1. 1%]	56.7%	43, 3%	100.0%	
	Unit Rate	cach								577, 16	5, 194. 84		3, 490, 77	2,669.23	6, 164, 00	

)5 (2) c	Regulatory Signs (Circular ¢600mm)									<u> </u>			Uni C	<u>10,00 </u> ғ	ach	
							nit Rate	<u>,                                     </u>				Amour	<u></u>			
ftem No.	Description	Unit	Quantity		Con	ponent	(%)		Tota!			Component (PT)			Total	Remarks
				Lab.	Mat.	Equip,	For	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
L002	Foreman	md	0.80	100.8%	0.0%	0, 0%	0.0%	100.0%	566.00	452, 80	O, 88	0.00	0,00	452.80	452, 80	
1.020	Unskilled Labor	md	2,60	100.0%	0.0%	0.0%	0,0%	100, 0%	314.00	816, 40	0.00	0.00	0.00	816.40	816.40	
M07201	Traffic Sign Heard (aluminum)	m2 -	2.83	0.0%	100.0%	0.0%	65.0%	35.0%	13, 800, 00	0,00	39, 054, 00	0.00	25, 385, 10	13, 668, 90	39, 054, 00	
M08706	Steel Gas Pipe, \$80	n	34.00	0, 0%	100.0%	0.0%	60.0%	40, 1%	294.00	0, 00	9, 996, 00	0, 00 f	5, 997. 60	3, 998, 40	9, 996, 00	
M06003	Zinc Rich Primer for Steel	kg	1.04	0.0%	100, 0%	0, 0%	fi5, 0%	35.0%	374,80	0, 00)	388, 96	0.00]	252, 82	136.14	388, 96	
M06021	Phenol Resin Paint for Steel	kg	1, 12	0.0%	100.0%	0.0%	65,0%	35.0%	272.00	0, 00	304.64	0, 00)	198.02	106, 62	304.64	
W0109	Excavalion, Manpower	1 m3 1	13.27	100.0%	0, 11%	0.0%	0,0%	100.0%	132.00	1, 751, 64	0.00	0.00	0, 00	1,751,64	1, 751, 64	
W0115	Disposal of Surplus Soil (manpower loading)	m3	1.26	45.7%	10, 9%	43.5%	30.6%	69.4%	103.00	59, 30	14. 02	56. 46	39, 76	90, 02	129.78	
W0135	Backfill, Wanpower + Compactor	m3	12.01	78.1%	5,6%	16.3%	12.5%	87.5%	76.40	716, 46	51,84	149. 27	114.80	802, 76	917.56	
W0203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	1.29	2.4%	82.3%	15.3%	56, 9%	43.1%	1, 570.00	47.94	1,667.64	309, 72	1, 152, 32	872, 98	2, 025, 30	Loss
W0235	Concrete Pouring by Manpower for small structures	m3	1.26	98.0%	0. 2%	1.8%	1.1%	98. 9%	224, 08	276, 71	B, 65	4. 98	3, 04	279. 20	282. 24	
W0236	Concrete Curing (plain concrete)	1 m3	1.26	70.9%	8,7%	20.4%	16,0%	84.0%	8, 85	7,91	U, 97	2.27	1,78	9, 37	11.15	
¥0240	Formwork (plain concrete BK4m)	1 m2	12.57	58, 9%	40, 4%	0.8%	2.9%	97.1%	222.08	1,642,50	1, 126, 15	21.89	82. 82	2, 768, 52	2, 790. 54	
	Miscellaneous	I LS	1,00	0,0%,	45.0%	55.0%	55.0%	45,0%	1	0,00]	265, 14	324.07	324.07	265.14	589, 21	1.0%
	Total			·						5, 771, 65	52, 869, 91	868.65	33, 551, 35	25, 958. 87	59, 510, 22	
	Components (%)									9, 7%	88.8%	1. 5%	56.4%	43.6%	100.0%	
	Unit Rate	each								577, 07	5, 286. 08	86, 85	3, 354, 56	2, 595, 44	5, 950. 00	

Miscellancous covers the cost for fixtures, brushes, minor tools, etc.

#### 605 (2) d Regulatory Signs (Rectangular 450mmx750mm)

605 (2) d	Regulatory Signs (Rectangular 450mmx750	mm)											<u>Unit</u>	<u>10,00 e</u>	ach	
						I <i>I</i>	nit <u>Rate</u>					Απου	nt			
Lem No,	Description	lini t.	Quantity	L		ponent_	(%)(%)		Total			Component (PP)			Total	Remarks
				Lab.		Equip.	For.	Local	(44)	Labor	Material	Equipment	Foreign	Local	(PP)	
L002	Foreman	nd 1	0, 80		0.0%	0, 0%	0,0%	100.0%	566, 00	452.80	0.00	0.00	0,00	452.80	452,80	
1.020	Unskilled Labor	met	2.60	100, 0%	0,0%	0.0%	0.0%]	100, 0%	314.00	816.40	0.00	0, 00	0.00	816, 40	816.40	
M07201	Traffic Sign Board (aluminum)	m2	3, 38	0.0%	100.0%	0.0%	h5, 0%	35.0%	13, 900, 00	0.00	46, 644, 00	0. 00	30, 318, 60	16, 325, 40	46, 644, 00	
M08706	Steel Gas Pipe, ¢80	m	35.50	0.0%	100, 0%	0.0%	60.0%	40.0%	294.00	0,80	10, 437, 00	0.00	6, 262, 20	4, 174, 80	10, 137, 00	
M06003	Zinc Rich Primer for Steel	kg	1.09	0, 0%	100.0%	0,0%	65.0%	35.0%	374.00	0.00	407,66	0.00	264.98	142.68	107.66	
M86021	Phenol Resin Paint for Steel	kg	1.17	0.0%	100.0%	0.0%	65.0%	35, 0%	272, 00	0, 00	318, 24	0, 60	206.86	1 ( ), 38	318.24	
W0109	Excavation, Manpower	m3	13.27	100.0%	0.0%	0.0%	8. 6%	100.0%	132.00	1, 751, 64	0.00	0, 00	0. 00	1,751.64	1, 751, 64	
W0115	Disposal of Surplus Soil (manpower loading)	տՍ	1.26	45.7%	10. 8%	13, 5%	30. 6%	69.4%	103, 00	59, 30	14.02	56, 46	39. 76	90, 02	129.78	
W0135	Backfill, Manpower + Compactor	m3 [	12.01	78.1%	5.6%	16.3%	12.5%	87, 5%	76, 40	716, 46	51.84	149.27	114.80	802, 76	917.56	
W0203	Concrete (Class A, 21MPa, max agg, 38mm)	l m∋ {	1.29	2, 4%	82.3%	15.300	56, 9%	43, 1%	1, 570, 00	47, 94	1,667,64	309.72	1, 152, 32	872, 98	2, 025, 30	Loss 2.0%
W0235	Concrete Pouring by Manpower for small structures	т3	1.26	98, 0%	0.2%	1.8%	1. 1%	98, 9%	224, 00	276. 71	U, 55.	4. 98	3. 04	279, 20	282, 24	
W0236	Concrete Curing (plain concrete)	_m3	1.26	70, 9%	8.7%	20, 4%	16.0%	84, 0%	8, 85	7, 91	0.97	2.27	1, 78	9, 37	11, 15	
¥024U	Formwork (plain concrete H(4m)	m2	12, 57	58.9%	40, 1%	0.8%	2,9%	97.1%	222.00	1,642,50	1, 126, 15	21, 89	82.02	2, 708, 52	2, 790, 54	
	Niscellaneous	LS	1.00	0.0%	45, 0%	55.0%	55. U <u>%</u>	45.0%		0.00	301.43	368.41	368.41	301, 43	669, 84	1.0%
	Total									5, 771, 65	60, 969, 50	913.00	38, 814, 79	28, 839, 36	67, 654, 15	
	Components (%)									8, 5%	90.1%	1.3%	57.4%	42, 6%	100.0%	
	Unit Rate	each								577, 56	6, 101, 08	91.36	3, 884, 11	2, 885, 89	6, 770, 00	

#### 605(3)a Informatory Signs (Rectangular 0.75mx1.00m, single post)

10.00 each Unit: Unit Rate Amount Item No. Description Uni t Quantity Component (%) Total Component (PP) Total Remarks Lab. Mat. Equip. For. Local (PP) Labor Material Equipment Local (PP) Foreign 1.002 566.00 452.80 0. 00 0.05 452,80 452, 80 Foreman вd 0.80 100.0% 0, 0% 0,0% 0.0% 100.0% 11. 00 0.00 816.40 1.020 Unskilled Labor md 2.60100.0% 0.0% 0.0% 0.0% 100.0% 314.00 816, 40 0,00 0.00 816, 40 m2 65.0% 35.0% 13, 800. 00 103.500.00 67,275.00 36, 225, 00 103, 500, 00 Traffic Sign Board (aluminum) 7.50 0.0% 100.0% 0.0% 0.00 0.00 M07201 60.0% 40.0% 6, 703, 20 4, 468, 80 11, 172, 00 294.00 11.172.00 o nel 38, 60 0,0% 100,0% 0.0% 0,00 M08706 Steel Gas Pipe, \$80 ħ 151.84 M06003 Zine Rich Primer for Steel kg 1.16 0,0% 100.0% 0.0% 65, 0% 35.0% 374, 00 0, 00 433.84 0.08 282.00 433, 84 M06021 Phenol Resin Paint for Steel kg 1.25 0.0% 100.0% 0.0% 65. 0% 35, 0% 272.00 0, 00 3411, 00 0. OU 221.00 119,00 340, 00 132.00 1, 751, 64 0.00 0, 09 1,751.64 1, 751. 64 W0109 Excavation, Manpower m.3 13.27 100, 0% 0.0% 0.0% 0.0% 100.0% 0,00 Disposal of Surplus Soil (manpower mЗ **103, 00** 56, 46 39.76 90, 02 129.78 45.7% 10.8% 43, 5% 30.6% 69, 4% 59, 30 14.02 W0115 1.26 loading) 12.5% 76, 40 715.46 51.84 149.27 114.80 802, 76 917.56 W0135 Backfill, Manpower + Compactor mЗ 12.81 78.1% 5,6% 16, 3% 87.5% 15, 3% Concrete (Class A, 21MPa, max agg. 38mm) 82.3% 56.9% 43.1% 1.570.00 47, 94 1,667.64 309.72 1, 152, 32 872.98 2,025.30 Loss 2, 0% W0203 mЗ 1.292.4% Concrete Pouring by Manpower for small mЗ 224.00 276.71 0.55 4. 98 3, 04 279.20 282, 24 ¥0235 1.1% 98.9% 1.26 98, 0% 0.2% 1.8% structures ¥0236 1), 97 2. 27 1.78 9, 37 11, 15 mЭ 70.9% 8.7% 16.0% 84.0% 8.85 7 91 Concrete Curing (plain concrete) 1.2626, 4% W0240 Formwork (plain concrete HK4m) m2 12, 57 58, 9% 40.4% 0, 8% 2.9% 97.1% 222.00 1.642.50 1, 126, 15 21.89 82.02 2, 708. 52 2, 790, 54 Miscellaneous LS 1,00 0.0% 45.0% 55.0% 55.0% 45.0% 0.00 568, 80 685.43 685.43 560, 80 1,246.23 1.0% 5,771.65 118,867,81 1,230,02 76.560.37 49, 309, 12 125, 869, 48 Total Components (%) 4.6% 94.4% 1.0% 60.8% 39.23100,0% each 577, 76 11, 899, 11 123. 13 7,663,98 4, 936. 02 12,600.00 Unit Rate

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

#### 665 (3) h Informatory Signs (Type A. double post)

05 (3) b	Informatory Signs (Type A, double post)	<b>I</b> 1			· · · · · · · · · · · · · · · · · · ·	11	nit Rate	,				Ainou	Unit:	10, 00 r	sacn	
Item No.	Description	Unit	Quantity		Con	ponent	(%)		Total			Component (PP)		T	Total	Remarks
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Luca	(PP)	
Ln02	Foreman	nd	1.10	100.0%	0,0%	0, 0%		100.0%	566, 00	622,60	0, 00	0.00	0. 00	622.60	622.60	
L020	Unskilled Labor	[ mci [	3, 70	108, 0%	U, 0% [	0,0%	0.0%	100.0%	3[4, 00]	1, [61.80]	0.00	0.00	0.00	1, 161, 80	1, 161.80	
M07201	Traffic Sign Board (aluminum)	m2	9.00	6.0%	100.0%	0.0%	65, 1%	35, 0%	13,800.00	0.00	124, 200, 00	0.00	80, 730, 00	13, 470, 60	124, 200, 00	
N08705	Steel Gas Pipe, \$65	m	86.00	8,0%	100.0%	0.0%	60.0%	40.0%	251.00	0, 00	21, 586, 00	0.00	12, 951, 60	8, 634, 40	21, 586, 00	
M06003	Zine Rich Primer For Steel	kg	2.28	0.0%	100.0%	0.0%	65.0%	35.0%	374, 00	0, 00	852.72	0.40	554, 27	298.45	852, 72	
M06021	Phenol Resin Paint for Steel	kg	2.46	0,0%	100.0%	0.0%	65, 0%	35, 0%	272.00	0, 00	669.12	0.00	434.93	234, 19	669, 12	
WQ109	Excavation, Manpower	m3	26, 55	100, 0%]	0.0%	0.0%	0.0%	108.0%	132.00	3, 504, 60	D, 00	Q. (II)	0.00	3, 504, 60	3, 504, 60	
W0115	Disposal of Surplus Soil (manpower loading)	m3	2, 51	45, 7%	10, 8%	43. 5%	30. 6%,	69. 4%	103.00	118. 13	27. 92	112.48	79. 21	179, 32	258, 53	
W0135	Backfill, Manpower + Compactor	m3	24, 04	78, 1%	5, 6%	16.3%	12.5%	87.5%	76.40	1, 434, 12	103. 76	298, 79	229, 80	1,606,86	1, 836. 66	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	2.56	2.1%	82. 3%	15.3%	56, 9%	43.1%	L, 570, 00	95, 14	3, 309, 42	614.64	2, 286, 78	1, 732, 42	4, 019, 20	Loss 2, 0%
W0235	Concrete Pouring by Manpower for small structures	m3	2. 51	98.0%	0. 2%	1.8%	1.1%	98, 9%	224. 00	551, 22	1, 10	9.92	6, 06	556, 18	562. 24	
W0236	Concrete Curing (plain concrete)	m3	2, 51	70,9%	8.7%	20.4%	16, 1%	84.0%	8.85	15.75	1.94	4, 52	3, 55	18, 66	22, 21	
WQ240	Formwork (plain concrete H<4m)	m2	25, 13	58, 9%	40.4%	Õ. 8%	2.9%	97.1%	222.00	3, 283, 69	2, 251, 41	43.76	163.98	5, 414, 88	5, 578, 86	
	Miscellancous	LS	1,00	0.0%	45.0%	55.0%	<u>55. 0%</u>	45,0%		0.00	741.94	906, 81	906, 81]	741.94	1,648,75	1.0%
	Total									10, 787, 16	)53, 745, 33	1, 990, 91	98, 347, 00	69, 176. <u>2</u> 8	166, 523, 29	
	Components (%)							{		6, 5%	92.3%	1. 2%	59.1%	40. 9%	100.0%	
	Unit Hate	each								1,081,79	15, 418, 55	199.66	9, 862, 85	6, 837, 15	16, 700.00	

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

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605 (3) c	Informatory Signs (Type B, double post)												Unit:	10, 0 <u>0 c</u>	each	
						į	nit Rate	e				Amoun	L			
Item No.	Description	liniti	Quantity		Con	ponent	$(\mathbf{x})$		Total			Component (PP)			Total	Remarks
				Lab,	Mat.	Equip,	For.	Local	(PP)	Labor	Material	<u>Equipment</u>	Foreign	Local	<u>(PP)</u>	
1.002	Foreman	nd	1.10	100.0%	0.0%	0,0%	0.0%	100.0%	566, 00	622, 60	0, 00	0, 00	0.00	622, 60	622.60	
1.020	Unskilled Labor	nd	3.70	100, 0%	0.0%	0.0%	0,0%	180, 0%	314.00	1, 161, 80	0,00	0, 00	0.00	1, 161, 80	1,161.80	
M07201	Traffic Sign Board (aluminum)	m2	30, 15	0.0%	100.0%	0.0%	65.0%	35.0%	13,800.00	0.03	416, 075, 00	0.00	270, 445, 50	145,624,50	416, 070, 00	
M08707	Steel Gas Pipe, @100	1 10 1	123.00	8, 0%	100.0%	0.0%	60.0%	40.0%	410.00	0, 00	50, 430, 00	0, 08	30, 258, 00	20, 172, 00	50, 430. 00	
M06003	Zinc Rich Primer for Steel	kg	5, 02	0, 0%	100.0%	0.0%	65, 0%	35, 0%	374, 00	0,00	l, 877, 48	0.00	1, 220, 36	657, 12	1,877.48	
906021	Phenol Resin Paint For Steel	kg	5.41	0.0%	180, 0%	0.0%	65.0%	35.0%	272, 00	0.00	1,471.52	0, 00	956, 49	S15, Q3	1, 171, 52	
W0109	Excavation, Manpower	n3	26.55	100.0%	0.0%	0.0%	0. (1%	100.0%	132.00	3, 504, 60	0.00	0.00	0.00	3, 504, 60	3, 504, 60	
W0115	Disposal of Surplus Soil (manpower loading)	m3	2. 51	45, 7%	10, 8%	43, 5%	30. 6%	69, 45	103. 00	118, 13	27.92	112.48	79.21	179, 32	258. 53	
W0135	Backfill, Manpower + Compactor	m3	24.04	78.1%	5, 6%	16.3%	12.5%	87.5%	76. 10	1, 434, 12	103.76	298, 79	229, 80	1,606,86	1, 836, 66	
¥0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	2, 56	2.4%	82, 3%	15, 3%	56, 9%	43.1%	1, 578, 00	95.14	3, 309, 42	614, 64	2, 286, 78	1, 732, 42	4, 019, 20	Loss 2.07
W0235	Concrete Pouring by Mannower for small structures	m3	2, 51	98.0%	0, 2%	1, 8%	1.1%	98.9%	224, 00	551.22	L 10	9, 92	6.06	556 18	562.24	
W0236	Concrete Curing (plain concrete)	r 3	2.51	70.9%	8.7%	20, 4%	16.0%	81.0%	8, 85	15, 75	1.94	4. 52	3.55	18, 66	22, 21	
W0240	Formwork (plain concrete )K4m)	m2	25, 13	58, 9%	40.4%	0.8%	2.9%	97.1%	222.00	3, 283, 69	2,251.41	43, 76	163, 98	5, 114, 88	5, 578, 86	
	Miscellaneous	LS.	1,00	0.0%	45.0%	55.0%	55, 0%	45.0%		0.00	2, 193, 37	2, 680, 79	2, 680, 79	2, 193. 17	4, 874, 16	1.0%
	Total									10, 787. 05	477, 737, 92	3, 764, 89	_ 308, 330, 53	183, 959, 33	492, 289, 86	
	Components (%)									2. 2%	97.0%	0.8%	62.6%	37.4%	100, 1%	
	Unit Rate	each								, 078, 07	47, 745, 66	376.27	30, 814, 90	18, 385. 10	49, 200, 00	

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

### 605 (3) d Informatory Signs (Type C, double post)

	Į.	5 5	1			ບ	n <u>it Rate</u>					Διαουε	1t			
Item No.	Description	Unit	Quantity			ponent			Total			Component (PP)			Total	Remarks
		L		Lab.	Mat.	Equip.	l <sup>i</sup> or.	Local	(99)	Lahor	Material	Equipment	foreign	Local	(99)	
L002	Foreman	md	1. 10	100,0%	0.0%	0, 0%	0.0%	100,0%	566, 00	622, 60	0, 00	0.00	0.00	622.60	622.60	
L020	Unskilled Labor	md	3.70	100.0%	0.0%	0,0%	0.0%	100.0%	314.00	1, 161, 80	0.00	0, 00	0.00	1, 161, 80	1, 161, 80	
M07201	Traffic Sign Board (aluminum)	m2 (	50.25	0,0%	100.0%	0.0%	65.0%	35, 0%	13, 800, 00	0,00	693, 460, 80	0.00	450, 742, 50	242, 707, 50	693, 450, 00	
M08708	Steel Gas Pipe, @125	m	127.00	0.0%	100.0%	0, 0%	60.0%	40.0%	503.00	6, 00	63,881.00	0, 00	38, 328, 60	25, 552, 40	63, 881. 00	
M06003	Zinc Rich Primer for Steel	kr,	6.48	0.0%	100.0%	0,0%	65.0%	35.0%	374.00	0.00	2, 423, 52	0.00	1, 575, 29	848, 23	2, 123, 52	
M06021	Phenol Resin Paint for Steel	kg	6, 98	0.0%	100.0%	11.0%	65,0%	35.0%	272.00	U, 00	1, 898, 56	11, 00	1, 234. 06	664, 50	1,898.56	
W0109	Excavation, Manpower	m3	33, 09	100.0%	0.0%	0.0%	0.0%	100.0%	132.00	4, 367, 88	0.00	8,00	0,00	4, 367, 88	4, 367, 88,	
WQ115	Disposal of Surplus Soil (manpower loading)	m3	3, 40	45. 7%	10, 8%	43. 5%	30. 6%	69, 4%	103.00	160, 02	37. 83	152.36	107.30	242. 90	350, 20	
W0135	Backfill, Manpower + Compactor	m3	29.69	78.1%	5,6%	16. 3%	12.5%	87.5%	76. 40	1, 771, 17	128, 14	369.01	283, 81	1, 984, 51	2, 268, 32,	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	ի ա3 ի	3, 47	2.4%	82.3%	15, 3%	56, 9%	43.1%	1, 570, 00	128, 961	4, 485, 82	833.12	3, 099, 66	2, 348, 24	5, 147, 90	Loss 2
₩0235	Concrete Pouring by Manpower for small structures	mЭ	3, 40	98. 0%	0, 2%	), 8%	1.1%	98. 9%	224.00	746, 67	1. 19	13, 44	8. 21	753, 39	761,60	
₩0236	Concrete Curing (plain concrete)	m3	3, 40	70.9%	8.7%	20.4%	16.0%	84.0%	8.85	21, 34	2.62	6, 12	4, 81	25.28	30.09	
¥0240	Formwork (plain concrete H<4m)	{ m2	32.04	58, 9%	40, 4%	0.8%	2, 9%	97.1%	222, 60	4, 186, 61	2, 870, 48	55, 79	209.07	6, 903, 81	7, 112, 88	
	Miscellaneous	LS	1.00	0.0%	45.0%	. 55.0%	55.0%	45.0%		0, 80	3, 526, 99	4, 310, 77	4, 310, 77	3, 526, 99	7,837.76	1.3%
	Total									13, 167, 04	772, 706, 46	5, 740. 61	499, 904. 09	291, 710, 02	791, 614, 11	
	Components (%)									1.7%	97.6%	0, 7%	63.1%	36, 9%	100.0%	
	linit Rate	each		-						1, 317, 35	77, 308, 31	574.34	50, 014, 78	29, 185, 22	79, 200, 00	

# Informatory Signs (Type D, double post) 605(3)e

10,00 each Unit

					υ	nit Kati	e				Атоц	nt			
Description	Unit	Quantity		Con	ponent	(%)		Total			Component (PP)			Total	Remarks
·			Lab.		Equíp,	For,	Local	(PP)	Labor	Material	Equipment	Foreign	Loca	(PP)	
Foreman	md				0, 6%	0.0%	100.0%	566, 00	622, 60	0, 08	0,00	8, 00	622.60	622.60	
Unskilled Labor	md	3, 70	100.0%	0.0%	0, 0%	0.0%	100.0%		1, 161. 80	0.00		0, 00	1, 161, 80	1, 161, 80	
Traffic Sign Board (aluminum)	m2	70.35	0.0%	100.0%	0.0%	65.0%	35, 0%	13,800,00	0.00	970, 830, 68	11,00	631, 039, 50	339, 790, 50	970, 830. 00	
Steel Gas Pipe, \$150	m	133.00	0.0%	100.0%	0,0%	GRI, 0%	40.0%	707, 00	0,00	94, 031, 00	0,00	56, 418, 60	37, 612, 40	94, 031. 00	
Zinc Rich Primer for Steel	kg	Ĥ, 15	0.0%	100,0%	0,0%	65, 0%	35.0%						1, 066, 84	3, 048, 10	
Phenol Resin Paint for Steel	kg	8,77	0.0%	100.0%	0.0%	65.0%	35.0%	272.00	0.00	2, 385. 44	0,00	L, 55D, 54	834, 90	2, 385, 44	
Excavation, Manpower	m 3	12.94	100.0%	0.0%	0.0%	0.0%	100.0%	(32.00	5, 668, 08	0,00	L 0.00L	0.00	5,668.08	5,668.08	
Disposal of Surplus Soil (manpower (loading)	m3	4. 77	45. 7%	10.8%	43.5%	30.6%	69.4%	103, 00	224. 49	53.07	213.75	150.54	340, 77	491.31	
Backfill, Manpower + Compactor	m3	38.17	78.1%	5.6%	16.3%	12.5%	87, 5%	76.40	2, 277. 04	164.74	174. 10	364.87	2, 551, 32,	2, 916, 19	
Concrete (Class A, 21MPs, max agg, 38mm)	m3 -	4,87	2.4%	82.3%	15.3%	56.9%	43.1%	1, 570. 00	180. 99	6, 295, 65	1, 169, 25	4, 350, 24	3, 295, 66	7,645.90	Loss 2.0%
Concrete Pooring by Manpower for small structures	m3	4. 77	98.0%	0.2%	1.8%	1.1%	98. 9%	224. 00	1, 047, 53	2. 10	18.86	11, 52	1, 056. 96	1, 068. 48	
Concrete Curing (plain concrete)	m3	4.77	70.9%	8.7%	20.4%	16.0%	84.0%	8.85	29.94	3, 68		6, 75	35.46	42.21	
Formwork (plain concrete lK4m)	m2	42. 41	58, 9%	40.4%	0.8%	2.9%	97.1%	222.00	5, 541, 64	3, 799, 54	73. 84	27fi. 74	9, 138, 28	9,415.02	
Miscellaheous	I.S	1.00	0.0%	45, 0%	55.0%	<u>55.0%</u>	45.0%		0.00	<u>4, 9</u> 46. <u>97</u>	6, 046, 29	6,046,29	4, 946, 97	10, 993. 26	1.0%
Total									16,754,12	1, 085, 560. 28	8, 004, 99	702, 196. 86		L. 110, 319. 39	
Components (%)							)`		1.5%			63.2%		100.0%	
Unit Rate	cach								1, 674, 93	108, 524, 80	800.27	70, 199, 49	40, 800, 51	111,000.00	
	Foreman Unskilled Labor Traffic Sign Board (aluminum) Steel Gas Pipe, $\phi$ 150 Zinc Rich Primer for Steel Phenol Kesin Print for Steel Excavation, Manpower Disposal of Surplus Soil (manpower loading) Backfill, Manpower + Compactor Concrete Overing by Manpower for small structures Concrete Pouring by Manpower for small Structures Concrete Curing (plain concrete) Formwork (plain concrete) Formwork (plain concrete) Miscellaheous Total Components (%) Unit Rate	Foreman     md       Unskilled Jahor     md       Traffic Sign Board (aluminum)     m2       Steel Gas Pipe, Ø150     m       Zinc Rich Primer for Steel     kg       Phenol Kesin Paint for Steel     kg       Disposal of Surplus Soil (annpower     m3       Backfill, Manpower + Compactor     m3       Concrete (Class A. 21MPa, max agg.38mm)     m3       Concrete Pouring by Manpower for small     m3       Concrete Curing (plain concrete)     m3       Formwork (plain concrete IK4m)     m2       Miscellaheous     IS       Components (%)     Unit Rate	Poreman       md       1.10         Unskilled Lahor       md       3.70         Traffic Sign Board (aluminum)       m2       70.35         Steel Gas Pipe, \$6150       m       133.00         Zinc Rich Primer for Steel       kg       8.77         Excavation, Manpower       m3       42.94         Disposal of Surplus Soil (manpower       m3       4.77         Backfill, Manpower + Compactor       m3       4.77         Concrete (Class A, 21MPa, max agg, J8mm)       m3       4.87         Concrete Pouring by Manpower for small       m3       4.77         Concrete Curing (plain concrete)       m3       4.77         Miscellaheous       J.S       1.00         Viscellaheous       J.S       1.00         Unit Rate       cauponets (%)       L	Foreman         Lab.           Foreman         md         1.00         100.0%           Unskilled Labor         md         3.70         100.0%           Traffic Sign Board (aluminum)         m2         70.35         0.0%           Steel Gas Pipe, #150         m         133.00         0.0%           Zinc Rich Primer for Steel         kg         8.15         0.0%           Kzcavation, Manpower         m3         42.94         100.0%           Disposal of Surplus Soil (manpower         m3         42.94         100.0%           Concrete (Class A. 21MPa, max agg.38mm)         m3         4.87         2.4%           Concrete Pooring by Manpower for small         m3         4.77         98.0%           Concrete Curing (plain concrete)         m3         4.77         70.9%           Formork (plain concrete)         m3         4.77         70.9%           Miscellaheous         LS         1.00         0.0%	Lab.         Mat.           Foreman         md         1.10         100.0%         0.0%           Unskilled Labor         md         1.10         100.0%         0.0%           Traffic Sign Board (aluminum)         m2         70.35         0.0%         100.0%           Steel Gas Pipe, #150         m         133.00         0.0%         100.0%           Zine Rich Primer for Steel         kg         8,15         0.0%         100.0%           Phenol Kesin Pwint for Steel         kg         8,77         0.0%         100.0%           Disposal of Surplus Soil (manpower         m3         4.77         45.7%         10.8%           Concrete (Class A, 21MPa, max agg.38mm)         34.87         2.4%         82.3%           Concrete Pouring by Manpower for small         m3         4.77         98.0%         0.2%           Concrete Curing (plain concrete)         m3         4.77         70.9%         8.7%           Concrete Uring (plain concrete)         m3         4.77         70.9%         8.7%           Miscellapeous         1.5         1.00         0.9%         42.41         56.9%	Description         Unit         Quantity         Component           Foreman         md         1.10         100.0%         0.0%<	Description         Unit         Quantity         Component (%)           Foreman         md         1.00         100.0%         0.0%         0.0%         0.0%           Unskilled Labor         md         3.70         100.0%         0.0%	Description         Unit         Quantity         Component (%)           Foreman         md         1:0         100.0%         0.0%         0.0%         0.0%         0.0%         0.0%         100.0%         0.0%         0.0%         100.0%         0.0%         0.0%         100.0%         0.0%         100.0%         0.0%         100.0%         0.0%         100.0%         0.0%         100.0%         0.0%         0.0%         100.0%         0.0%         100.0%         0.0%         100.0%         0.0%         100.0%         0.0%         100.0%         0.0%         100.0%	Description         Unit         Quantity         Component (%)         Total           Foreman         md         1.10         100.0%         0.0%	Description         Unit         Quantity         Component (%)         Total           Foreman         md         1.00         100.0%         0.0%	Description         Unit         Quantity         Component (%)         Total           Lab         Mat.         Equip.         For.         Locs1         (PP)         Labor         Material           Foreman         md         1.10         100.05         0.08         0.08         0.03         100.05         566.00         622.60         0.00           Unskilled Labor         md         3.70         100.05         0.08         0.03         100.05         314.00         1,161.80         0.00           Traffic Sign Board (aluminum)         m2         70.35         0.05         100.05         0.05         650.95         35.05         13,800.00         0.00         970.830.00           Zice Rich Primer for Steel         kg         8.17         0.05         100.05         0.05         650.95         35.05         374.00         0.00         3,048.48           Excavation, Manpower         m3         4.77         0.05         100.05         0.05         650.95         35.05         374.00         0.00         2,386.44           Excavation, Manpower         m3         4.77         0.05         10.05         0.05         650.95         35.05         374.00         0.00         2,386.44	Description         Unit         Quantity         Component (%)         Total         Component (%)         Total         Component (%)           Foreman         md         1.00         100.0%         0.0	Description         Unit         Quantity         Component (\$)         Total         Component (\$P?)           Foreman         md         1.10         100 0%         0.0%	Description         Unit         Quantity         Component (%)         Total ((P)         Component (PP)           Foreman         md         1.10         100.0%         0.0% <td>Description         Unit         Quantity         Component (%)         Total         Component (PP)         Total         Component (PP)           Foreman         md         1.10         100.0%         0</td>	Description         Unit         Quantity         Component (%)         Total         Component (PP)         Total         Component (PP)           Foreman         md         1.10         100.0%         0

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

### 605(3)f Informatory Signs (Type E, triple post)

605 (3) f	Informatory Signs (Type E, triple post)												Unit:	10.00	each	
							<u>nit Rate</u>					Λιαου	int			
Lem No.	Description	Unit	Quantity	L		ponent			Total			Component (PP)			Total	Remarks
		I		Lah,		<u>Equip.</u>	For.	Local	<u>(PP)</u>	Labor	Material	Equipment	Foreign	Local	(PP)	
1.002	Foreman	md	1.20			0.0%		100.0%	566, 00	679, 20	0, 00	Ø, 00	0.00	679.20	679.20	1
L028	Unskilled Labor	Бт	4.20	100, 0%	0,0%	0,0%	0.0%		314.00	1, 318, 80	0.00	(I. OO	B, 00	1, 318, 80	1, 318, 80	
W07201	Traffic Sign Board (aluminum)	m2	33, 00	6.0%	100.0%	0.0%	65.0%	35. 0%	13, 800, 40	0. IXO	455, 400, 00		296, 010, 00	159, 390, 00	455, 400, 00	
M08707	Steel Gas Pipe, ¢100	m	249.00	0.0%	100.0%	0, 11%			410.00	0.00	102, 090, 00	0.00	61, 254, 00	40, 836, 00	102,090,00	
M06003	Zine Rich Primer for Steel	kg	10, 17	0.0%	100.0%	0.0%	65.0%	35.0%	374.00	Ű. QO	3, 803, 58		2, 472, 33]	1, 331, 25	3, 803. 58	
M06021	Phenol Resin Paint for Steel	kg	10.95	0.0%	100.0%	0.0%	65.0%	35.0%	272.00	0, 00	2, 978, 40	0,00	1, 935. 96	1, 042, 44	2, 978, 40	
W0109	Excavation, Manpower	m3	39.82	100.0%	0.0%	0.0%	0.0%	100,0%	132, 00	5, 256, 24	Ō. 00	U. 00	0, 00	5, 256, 24	5, 256, 24	
W0115	Disposal of Surplus Soil (manpower loading)	n3	<b>). 7</b> 7	45, 7%	10, 8%	43.5%	30. 6%	£19, 4%	103,00	177. 43	41.93	168, 94	118. 98	269, 33	388, 31	
₩0135	Backfill, Manpower + Compactor	m3	36.05	78.1%	5,6%	16, 3%	12.5%	87, 5%	76, 40	2, 150. 57	155.59	448.05	344.61	2,409,61	2,754,22	
W0203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	3.85	2.4%	82.3%	15.3%	56.9%	43.1%	1, 570, 00	143.08	4, 977, 06	924.36	3, 439, 10	2,605,40	6, 044, 50	Loss 2.0%
¥0235	Concrete Pouring by Manpower for small structures	n3	3, 77	98.0%			l. 1%	98. 9%	224, 80	827. 92	1.66	14. 90	9, 11	835, 37	844, 48	
¥0236	Concrete Curing (plain concrete)	m3	3.77	70.9%	8.7%	20.4%	16.0%	84,0%	8.85	23.66	2.91	6. 79	Б. 34	28, 02	33, 36	
W0240	Formwork (plain concrete H<4m)	#2	37.70	58.9%	40, 4%	0.8%	2.9%	97.1%	222.00	4, 926. 19	3, 377, 56	65, 64	246, 01	8, 123, 39	8, 369, 40	
	Miscellaneous	LS	L. 00		45, 0%	55.0%	55.0%	45.0%		U. 00	2,654.82		3, 244. 78	2,654.82	5, 899, 60	1.0%
	Total									15, 503, 10	575, 483, 52	4, 873, 47	369, 080. 21	226, 779, 89	595, 860, 09	
	Components (%)	1								2. 6%	. 96.6%	0.8%	61.9%	38, 1%	100, 0%	
	Unit Rate	each								1, 558, 67	57, 561, 86	487, 46	36, 916, 69	22, 683. 31	59, 600, 00	

						U	nit Rate					Amou	nl			
ltem No.	Description	lln i t	Quantity		Сол	ponent (	(%)		Total			Component (PP)			Total	Remarks
				Lnb,	Mat.	Equip.	For.	Local	(99)	Labor	Material	Equipment	Fornign	Local	(PP)	
L002	Foreman	md	1.20	100, 0%	0.0%	0, 0%	(1.0%	100.0%	566.00	679.20	0.00	0.80	0.00	679, 20	679, 20	
1.020	Unskilled Labor	md	4.20	100, 0%	0.0%	0.0%	0.0%	100.0%	314.00	1, 318, 80	11, 00	0. 00	0,00	1,318.80	1, 318, 80	
M07201	Traffic Sign Board (aluminum)	m2	66, 00	0.0%	100.0%	0,0%	65.0%	35, 0%	13,800.08	0.00	910, 800, 00	0.00	592,020,00	318, 780, 60	910, 800, 60	
N08708	Steel Gas Pipe, $\phi$ 125	( m	255.00	0.0%	100.0%	0, 8%	60.0%	40.0%	503.00	0, 00	128, 265, 00	Ö, 80	76, 959, 00	51, 306, 60	128, 265, 46	
M06003	Zine Rich Primer for Steel	kel	13.02	0, 0%	100,0%		65.0%	35. 0%	374, 00)	0.00	4, 869, 48	0, 08)	3, 165, 16	1, 704, 32	4, 869, 48	
MOGO21	Phenol Resin Paint for Steel	kg	14.02	0.0%	100.0%		65.0%	35,0%	272.00	0.00	3, 813, 44		2,478.74	1.334.70	3, 813, 44	
#0109	Excavation. Manpower	] m3 ]	49.64	100.0%	0,0%	0.0%	0.0%	100.0%	132, 00	6, 552. 48	0.00	0.00	0, 00	6, 552, 48	6, 552, 48	
W0115	Disposal of Surplus Soil (mempower loading)	т3	5. 11	45, 7%	10.8%	43.5%	30.6%	69. 4%	103, 00	240. 49	56, 85	228. 99	161.27	365.06	526.33	
¥0135	Backfill, Manpower + Compactor	т3	44. 53	78, 1%	5,6%	16.3%	12.5%	87, 5%	76. 10	2, 656, 45	192.19	553, 45	425.67	2,976.42	3, 402, 09	
¥0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	5.21	2.4%	82 33	15, 3%	56, 9%	43.1%	1, 578, 00	193, 63	6, 735. 19	1, 250, 89	4, 653, 95	3, 525, 75	8, 179, 70	Loss 2.
WO235	Concrete Pouring by Mannower for small structures	m3	5, 11	98, 0%	0.2%	L 8%	1.1%	98, 9%	224. 00	1, 122. 20	2. 24	20, 20	12, 34	1, 132. 30	1, 144, 64	
W0236	Concrete Curing (plain concrete)	m3	5, 11	70.9%		20, 4%			8, 85	32.07	3. 94		7, 23	37.99	45.22	
W0240	Formwork (plain concrete H<4m)	m2	48. 07	58.9%	48.4%	0, 8%	2,9%	97.1%	222.00	6, 281. 22	4, 306, 62	83.70	313,68	10, 357, 86	10.671.54	
	Miscellaneous	LS	1.00	<u>0, (1%</u>	45.0%	55. O%	55,0%	45, <u>1%</u>		0,00	4, 861. 21	5,941.47	5, 941. 47	4, 861. 21	10, 802. 68	1.0%
	Total						_			19, 076, 54	1, 063, 906, 16	8, 087, 90	686, 138, 51	404, 932. 09	1,091,070.60	
	Components (%)									1.7%	97.5%	0.7%	62,9%	37, 1%	100.0%	
	Unit Rate	each								1, 905. 78	106, 286, 22	808.00	68, 546, 52	40, 153, 18	109,000.00	

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

#### 605 (3) h Informatory Signs (Type G, triple post)

605 (3) h	Informatory Signs (Type G, triple post)												Unit:	10.0 <u>0</u> c	ach	
		1 1					it Rate					Amou	nt			
Item No.	Description	Uniti	Quantity		Con	posent			Tota)	········		Component (PP)			Total	Remarks
		1-1		Lab.		Equip,	For_	Local	<u>(PP)</u>	Labor	Material	Equipment	Foreign	Local	(PP)	
1.002	Foreman	md	1.20		0.0%	0.0%	0,0%	180, 0%	566.00	679, 20	0.00	0, 00	0.00	679.20	679, 20	1
1.020	Unskilled Labor	nd	4.20	100,0%	0.0%	O. 0%	0.0%		314, 00	1, 318. 80	0,00	0.00	0, 00	1, 318. 80	1, 318, 80	
M07201	Traffic Sign Board (aluminum)	m2	109, 20	0.0%	100, 0%	0.0%	65,0%	35.0%	13, 800, 00	0, 00,	1, 586, 960, 00	0.00	979, 524, 00	527, 436, 00	1, 506, 960, 00	
M08709	Steel Gas Pipe, ¢ 150	m	255.00	0,0%	100.0%	0.0%	60.0%	48.0%	707.00	0, 00	180, 285, 00	0, 00	08, 171, 00	72, 114, 00	180, 285.00	
M06003	Zine Rich Primer for Steel	kg	15.62	0.0%	100.0%	0.0%	65, 10%	35.0%	374.00	0, 00	5,841,88	0, 00	3, 797. 22	2,044.66	5,841.88	
M06021	Phenol Resin Paint for Steel	кg	16.82	0.0%	100.0%	0.0%	65,0%	35.0%	272,00	U. 00	4, 575, 04	0, 00	2, 973, 78	1,601,26	4, 575, 04	f
¥0109	Excavation, Manpower	m3	64.41	100, 0%	0, 0%	0.0%	0.0%	100,0%	[ 32, 00	8, 502, 12	0.00	0.00	0.00	8, 502, 12	8,502.12	Ì
WO(15	Disposal of Surplus Soil (manpower loading)	m3	7.16	45. 7%	10, 8%	43, 5%	30, 6%	69.4%	103, 00	336. 97	79. 66	320, 85	225. 97	511, 51	737.48	
W0135	Backfill, Manpower + Compactor	m3	57.25	78.1%	5,6%	16.3%	12.5%	87.5%	76, 40	3, 415, 27	247.09	711, 54	547, 26	3, 826, 64	4,373,90	
W0203	Concrete (Class A. 21MCa, max agg. 38mm)	m3	7.30	2, 4%	82.3%	15.3%	56.9%	43, 1%	1, 570, 00	271.30	9, 437, 02	1, 752, 68	6, 528, 90	4, 940, 10	11,461.00	Loss 2.0%
W0235	Concrete Pouring by Manpower for small structures	m3	7, 16	98.0%	0.2%	1, 8%	1, 1%	98. 9%	221.00	1, 572. 39	3. 14	28. 30	17, 30	L, 586, 64	1, 603, 84	
W0236	Concrete Curing (plain concrete)	m3	7, 16	70.9%	8, 7%	20, 4%	16,0%	81.0%	8, 85	44.94	5, 53	12.90	10.13	53, 24	63.37	
₩0240	Formwork (plain concrete JK4m)	m2	63.62	58.9%	40.4%	0.8%	2,9%	97.1%	222.00	8, 313, 12	5, 699, 75	110, 77	415. 15	13, 708, 49	14, 123, 64	
L	Miscellaneous	LS	1,00	0.0%	45.0%	55, 0%	55, 0%	45.0%		0.00	7, 832, 36	9, 572. 89	9, 572, 89	7, 832. 36	17, 405, 25	1.0%
	Total	1								24, 454. 11	1, 720, 966, 47	12, 509, 94	1, 111, 775. 58	646, 154, 94	1, 757, 930. 52	
	Components (%)									1. 4%	97, 9%	0.7%	63.2%	36.8%	100, 0%	
	Unit Kate	each								2, 148. 29	172, 299, 24	1, 252, 47	111, 308. 44	64, 691, 56	176,000.00	

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

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# 605(4) 8 Special Signs (750x500mm)

10.00 each Unit:

						U	nit Rate	3				Атоц	nt			
liem No.	Description	Unit	Quanticy		Cor	ponent	(%)		Total			Component (PP)			Total	Remarks
				Lab.	₩at.	Equip.	For.	l.ocal	(19)	Labor	Material	liquipment	Foreign	1.ocal	(PP)	
1.002	Foreman	md	1.20	100.0%	0.0%	0, 0%	D. 0%	100.0%	566, 10	679, 20	0, 100	0.00	0.00	679, 20	679.20	
L020	Unskilled Labor	md	4, 20	100.0%	0.0%	0, 0%	0.0%	100.0%	314,00	1, 318, 80	0,00	0.00	0.00	1,318.80	1, 318. 80	
M07201	Traffic Sign Board (aluminum)	m2	4, 50	0.0%	100.0%	0,0%	65.0%	35.0%	13, 800, 00	0.00	62, 100, 90	0, 00	40, 365, 00	21, 735, 00	62, 100, 00	
MO8706	Steel Gas Pipe. \$80	m	34.00	0.0%	100.0%	0.0%	60, 0%	40, 0%	294, 60	0,00	9, 996, 110	0, 00	5, 997, 60	3, 998, 40	9, 996, 00	
M06003	Zine Rich Primer for Steel	kg	1.04	0, 0%	100.0%	0.0%	65. O%	35, 0%	374, 00	0,00	388, 96	0.00	252.82	136.14	388, 96	
M06021	Phenol Resin Paint for Steel	kg,	1, 12	0, 0%	100,0%	0,0%	65,0%	35, 0%	272.00	0.00	304.64	8.00	198.02	106, 62,	304.64	
WO L 09	Excavation, Mannewer	m3 1	13.27	100.0%	0.0%	9.0%	0, 0%	100.0%	132, 80	1, 751, 64	0, 00	0, 00	8, 00	1, 751, 64,	1,751,64	
WO115	Disposal of Surplus Soil (manpower loading)	m3	1.26	45, 7%	10, 8%	43, 5%	30, 6%	69, 4%	103. 08	59, 30	14. 02	56. 16	39. 76	90, 02	129. 78	
WO135	Backfill, Manpower + Compactor	m3	12.01	78.1%	5.6%	16, 3%	12.5%	87.5%	76, 40	716, 46	51, 84	149.27	114.80	802.76	917.56	
W0203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	1.29	2, 4%	62, 3%	15, 3%	56, 9%	43, 1%	1, 570, 00	47.94	1, 667, 64	309.72	1, 152, 32	872, 98	2,025,30	Loss 2.0%
₩0235	Concrete Pouring by Manpower for small structures	m3	l, 26	98, 0%	0, 2%	1.8%	1.1%	98. 9%	224.00	276. 71	0.55	4, 98	3, 04	279, 20	282. 24	
W0236	Concrete Curing (plain concrete)	m3	L, 26	70, 9%	8.7%	20.4%	16.0%	84.0%	8. 85	7.91	0, 97	2, 27	1,78	9, 37	11.15	
W0240	Formwork (plain concrete HK4m)	m2	12.57	58. 9%	40.4%	0.8%	2.9%	97.1%	222, 00	1, 642, 50	1, 126, 15	21.89	82.02	2, 708. 62	2, 790. 54	
	Miscellaneous	LS	1.00	0, 0%	45.0%	55. U%	55.0%	45.0%		0,00	372.13	454.83	454.83	372. 13	826, 96	1.0%
	lota									6, 500, 45	76, 022. 90	999. 41	48,662,01	34, 860, 76)	83, 522. 77	
	Components (%)									7, 8%	91.0%	1.2%	58.3%	41.7%	100.0%	
	Unit Rate	each								649.87	7, 600, 22	99, 91	4, 864, 87	3, 485, 13	8, 350, 00	

Miscellaneous covers the cost for fixtures, hrushes, minor Lools, etc.

### 605(4)b Special Signs (600x880mm)

605 (4) b	Special Signs (600x880mm)												<u> </u>	18. 00	each	
						(I	nil Rate	3				Δπου	ni			
ltem No.	Description	Unit	Quantity		Con	ponent	\$}		Total			Component (PP)			Total	Remarks
		l		Lab.		Equip.	For,	Loca1	(PP)	Labor	Materia	<u>Equipment</u>	Foreign	Local	(PP)	
L002	Foreman	md	1, 20	100, 0%	0.0%	0.0%	0,0%	100, 0%	566.00	679.20	0,08	0. 00	0,00	679.20	679.20	
L020	Unskilled Labor	nd	4.20	100.0%	0.0%[	0.0%	0.0%		314.00	1, 318, 60	0, 09	0.00	0.00	L, 318, 80	(, 348, 80	1
M07201	Traffic Sign Board (aluminum)	[m2]	5.28	0.0%	100.0%	0, 0%	65, 0%	35, 0%	13, 800, 00	0.00	72,864.00	0.00	47, 361, 60	25, 502, 40	72, 864, 00	l
MO8796	Steel Gas Pipe, φ80	m	36, 80	0.0%	100.0%	0.0%	60.0%	40.0%	294.00	0.00]	10, 819, 20	0.00	6.491.52	4, 327, 68	10, 819, 20	
MO6003	Zine Rich Primer for Steel	kg	L 13	0,0%	100.0%	0.0%	65.0%	35.0%	374,00	0,00	422, 62	0.00	274.70	147, 92	422, 62	
M06021	Phenol Rusin Paint for Steel	k g	1.21	0.0%	100, 0%	0, 0%	65, 0%	35.0%	272, 00	0,00	329.12	0.00	213, 93	115, 19	329.12	i i
W0109	Excavation, Manpower	- m3	13, 27	100.0%	0.0%	0.0%	0.0%	100.0%	132.00	1, 751, 64	0,00	U, DQ	0.00	1,751.64	1, 751, 64	
W0115	Bisposal of Surplus Soil (manpower loading)	m3	1, 26	45. 7%	10.8%	43. 5%	30. 6%	69.4%	103, 90	59, 30	14. 02	56. 16	39.76	90, 02	129. 78	
W0135	Backfill, Manpower + Compactor	m3	12.01	78.1%	5.6%	16. 3%	12.5%	87.5%	76.40	716,46	51.84	149. 27	114, 80	802, 76	917, 56	F
¥0203	Concrete (Class A, 21MPa, max agg,38mm)	m3	1, 29	2.4%	82.3%	15. 3%	56, 9%	43, 1%	1, 570, 00	47, 94	1, 667, 64	309, 72	1, 152, 32	872, 98	2, 025, 30	Loss 2.0%
90235	Concrete Pouring by Manpower for small structures	m3	1, 26	98, 0%	0. 2%	1.8%	1.1%	98, 9%	224.00	276. 71	0, 55	4. 98	3, 04	279, 20	282. 24	
¥0236	Concrete Curing (plain concrete)	նո	L. 26	70.9%	8, 7%	20, 4%	16, 0%	84, 0%	8.85	7.91	0, 97	2, 27	1, 78	9, 37	11.15	1
W0240	Formwork (plain concrete HK4m)	m2	12.57	58, 9%	40.4%	0.8%	2.9%	97.1%	222.00	1,642,50	1, 126, 15	21.89	82. 02	2, 708, 52	2, 790, 54	
	Miscellaneous	[ 1.S	1.00	0.0%	45.0%	55.0%	55, OX	45.0%		0.00	424.54	518.88	_518,88	424, 54	943.41	1.0%
	Total									6, 500. 45	87, 720, 64	1, 063, 46	56, 254, 37	39,030.19	95, 284, 56	
	Components (%)									6, 8%	92.1%	<u> </u>	59.0%	41.0%	100, 0%	
	Unit Rate	each		I						650.15	8, 773, 49	186.36	5, 626, 35	3,903.65	9, 530, 00	

Miscellancous covers the cost for fixtures, brushes; minor tools, etc.

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605(4)c	Special Signs (900x550mm)													10.00 c	ach cr	
							nit Kate	>				Amoun	it			
Iten No.	Description	lhit	Quantity		Cor	ponent	(%)		Total			Component (PP)			Total	Remarks
L	<u></u>			Lab.		Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(11)	<u> </u>
L002	Poreman	md	1.20	100.0%	0.0%	0.0%	0.0%		566.00	679.20	0.00	0, 00	0,00	679, 20	679, 20	
L020	Unskilled Labor	ned	4. 20	100, 0%	0.0%	0.0%	0.0%		314.00	1, 318. 80	0, 00	0.00	0.00	1, 318, 80	1, 318, 80	)
M07201	[Traffic Sign Board (aluminum)	m2	4.95	0.0%	100.0%	0.0%)	65.0%	35.0%)	13, 800, 00]	0, 00	68, 310, 00	0,00	44, 101, 50	23, 908, 50	68, 310, 00	1
N09706	Steel Gas Pipe, \$80	nt	33, 50	0.0%	100.0%	0.0%	60.0%	40.0%	294.00	0.00	9, 849, 00	0, 00	5, 909, 40	3, 939, 60	9, 849, 00	1
M06003	Zine Rich Primer for Steel	[ kg ]	1.03	0,0%	100.0%	0,0%	65.0%	35.0%	374,00	0. 00]	385, 22]	0.00	250, 39	134.83	385, 22	]
M06021	Phenol Resin Paint for Steel	kg	1.10	0,0%	100.0%	0.0%	65.0%	35, 0%	272.00	0, 80	299.20	0, 00	194.48	104, 72	299, 20	
W0109	Excavation, Manpower	m3	13.27	100.0%	0,0%	0.0%	0.0%	100.0%	(32, 80	1, 751, 64	0.00	0, 00)	0.00	1, 751, 64	1, 751. 64	
W0115	Disposal of Surplus Soil (manpower loading)	m3	1.26	45. 7%	10, 8%	43. 5%	30, 6%	69. 1%	103, 00	59.30	14.02	56, 46	39, 76	90.02	129, 78	
W0135	Backfill, Manpower + Compactor	m3	12.01	78, 1%	5.6%	16, 3%	12.5%	87.5%	76.40	716.46	51, 84		114, 86	802.76	917.56	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	1.29	2,4%	82.3%	15.3%	56,9%	43, 1%	1, 570, 00	47, 94	1, 667, 64	309.72	1, 152. 32	872.98	2, 025, 30	Loss 2.0%
W0235	Concrete Pouring by Manpower for small structures	m3	1.26	98, 0%	0, 2%	1. 8%	1.1%	98. 9%	224, 00	276. 71	0, 55	1.98	3, 04	279, 20	282, 24	
W0236	Concrete Curing (nlain concrete)	m3	1.26	70, 9%	8.7%	20, 4%	[ii. 0%	81.0%	8, 85	7.91	0.97	2. 27	1, 78	9.37	11.15	
W0240	Formwork (plain concrete N<4m)	m2	12.57	58.9%	40.4%	U. 8%	2.9%	97, 1%	222.00	1,642.50	1, 126, 15		82.02	2,708,52	2, 790, 54	ł
	Miscellaneous	1.5	1.00	0.0%	45.0%	. 55, 0%	55,0%	45.0%		0, 00	399. 17	488.12	486.12	399, 37	887.50	1.0%
	Total									6, 500. 45	82, 103, 96	1,032.71	<u>52, 637, 64</u>	36, 999, 49	89, 637, 13	
	Components (%)									7, 3%	91.6%		58.7%	41.3%	100.0%	
	Unit Rate	each								619.78	8, 207, 00	103.23	5, 261, 58	3, 698. 42	8, 960, 00	

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

### Special Signs (850x750mm) 605(4)d

					-	1h	nit Kale	,				Атри	nt			
ltem No.	Description	Unit	Quantity		Con	nponent (	<u>%)</u>		Total			Component (PP)			Total	Remarks
				Lab,	Mat.	Equip.	Far.		<u>(PF)</u>	Labor	Material	Equipment	Foreign	Local	(ግግ)	
L002	Foreman	md	1.20	100.0%	0.0%	0.0%	0.0%	100.0%	566, 00	679.20	0.00	0.00	0, 00	679.20	679.20	
L020	Unskilled Labor	md	4.20	110, 0%	0,0%	0.0%	0.0%	100, 0%	314.00	1, 318, 90	0,00	0, 00	0,00	1, 318, 80	1, 318, 80	
M072U1	Traffic Sign Board (aluminum)	m2	6.38	0,0%	100.0%		65,0%	35, 0%	13, 800, 00	0,00	88, 044, 00		57, 228, 60	30, 815, 40	88, 014, 00	
M08706	Steel Gas Pipe, #80	11	35.50	0.0%	100.0%	0,0%	60.0%	40.0%	294, 00	0.00	10, 437, 00		6, 262, 20	4, 174. 80	10, 437, 00	
M06003	Zinc Rich Primer for Steel	kg	1.09	U. 0%	100.0%	0.0%	65, 0%	35.0%	374.00	0, 10	407.66		264.98	142.68	107.66	
M06021	Phenol Resin Paint For Steel	kg	1.17	0.0%	100, 0%	0.0%	65.0%	35.0%	272.00	0.00	318, 24	0.00	206.86	111.38	318, 24	
W0109	Excavation, Manpower	m3	13.27	100,0%	0.0%	0.0%	0.0%	100, 0%	132.00	1, 751, 64	0, 00	0, UO	Ö, 00	1, 751, 64	1, 751, 64	
¥0 15	Disposal of Surplus Soil (manpower loading)	m3	1.26	45, 7%	10, 8%	43, 5%	30.6%	69, 4%	103, 00	59, 30	14. 02	56, 46	39, 76	90, 02	129, 78	
W0135	Backfill, Manpower + Compactor	m3	12.01	78, 1%	5.6%	16.3%	12.5%	87.5%	76.40	716, 46	51.84	149.27	114.80	802, 76	917, 56	
W0201	Concrete (Class A, 21MPa, max agg, 38mm)	m3	L. 29	2, 4%	82.3%	15.3%	56.9%	43, 1%	1, 570. 08	47, 94	1,667.64	309, 72	1, 152, 32	872, 98	2, 025, 30	Loss 2, 0
W0235	Concrete Pouring by Manpower for small structures	m3	1.26	98, 0%	0. 2%	1.8%	L 1%	98, 9%	224.08	276, 71	0. 55	4. 98	3. 04	279, 20	282. 24	
W0236	Concrete Curing (plain concrete)	m3	1,26	70, 9%	8.7%	20.4%	16.4%	84, 0%	8.85	7.91	0. 97	2, 27	1.78	9, 37	11.15	
W0240	Formwork (plain concrete   <4m)	m2	12, 57	58.9%	40.4%	0.8%	2.9%	97.1%	222.00	1, 642, 50	1, 126, 15	21.89	82, 02	2, 708, 52	2, 790, 54	
	Miscellaneous	LS	1.00	0.0%	45.0%	55.0%	55.0%	45.0%		0.08	491.01	600, 12	600.12	491, 01	1,091.13	1.0%
	Total									6, 500, 45	102, 559, 08	1, 144, 71	65, 956, 50	14, 247, 74	110, 204, 24	-
	Components (%)									5, 9%	93, 1%	1.0%	59.8%	40.2%	100.0%	
	Unit Rate	each								648.84	10, 236, 90	114.26	6, 583, 43	4, 416, 57	11,000,00	

Miscellancous covers the cost for fixtures, brushes, minor tools, etc.

### 607(2)a Reflectorized Pavement Study (Raised Profile Type, one face reflective)

607(2)a	Reflectorized Pavement Stude (Raised P	rofile	Type, one face	reflec	tive)								<u>Unit</u>	10.00	each	
						l	lnit flat	e				Amot	<u>int</u>			
Item No.	Description	lloit	Quantity		Cor	nponent	(%)		Total			Component (PP)			Total	Remarks
L				l ah	Mat.	Equip.	For	Loca]	(PP)	l.ahor	Material	Equipment	Foreign	Local	(PP)	
L020	Uoskilled Labor	md	1, 10	100.0%	0.0%	0.0%	0.0%	100,0%	314.00	345, 40	li, 00	Ö, 80	0.00	345, 40	346, 40	
M07401	Reflectorized Pavement Stud (one side reflective)	each	10.00	0.0%	100.0%	0.0%	60.0%	40. 0%	717.00	0. 00	7, 178, 00	0, 80	4, 302, 00	2, 868, 00	7, 170, 00	
	Miscellaneous	LS	1,00	0.0%	50.0%	50.0%	55.0%	45.0%	1	0, 00	112, 73	112.73	124. 00	101.46	225, 46	3, 0%
	Tota)									345.40	7, 282, 73	112.73	4, 426, 00	3, 314, 86	7, 740, 86	
	Components (%)			<b></b>				_		4. 5%	91.1%	1, 5%	57.2%	42.8%	100.0%	
	Unit Rate	each		[						34. 54	728, 19	11. 27	442.55	331.45	774,00	

Miscellaneous covers the cost for mortar, cutter, minor tools, etc.

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)1),00 each

# 607(2)b Reflectoriz

	Reflectorized Pavement Stude (Raised Pr	ofile	Type, two face	s refle	ctive)								Unit	10, <u>10</u>	each	
						l U	n <u>it R</u> ate	3				Δ <b>π</b> οι	มกเ			
	Description	Unit	Quantity	ſ	Con	poneut (	(%)		Total			Component (PP)			Total	Kemarks
3				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Liquipment	Foreign	i.ocal	( <u>PP</u> )	
	Unskilled Labor	nd	1.10	100.0%	0.0%	0, 0%	0, 0%	100.0%	314.00	345. 40	0.00	0.00	0.00	345. 40	345, 40	
	Reflectorized Pavement Stud (two sides reflective)	each	10, 00	0.0%	100.0%	0.0%	60, O%	40.0%	776.00	0.00	7, 760. 00	0.00	4,656.00	3, 104, 40	7, 760. 00	
	Miscellaneous	LS	1.00	0.0%	50,0%	50, 0%	50.0%	50.0%		0.00	121.58	121.58	121.58	121, 58		3.0%
	Total									345. 40	7, 881, 58	121, 58	4, 777. 58	3, 570. 98	8, 348. 56	
	Components (%)									4. 1%	94. 4%	1.5%	57.2%	42. 5%	100, 0%	
	Unit Kato	each								34, 55	788, 29	12. 16	477. 84	357. 16	835.00	

Unit Kato each Miscellaneous covers the cast for mortar, cutter, minor tools, etc.

### 607(3) Chatter Bars (one side reflective)

607 (3)	Chatter Bars (one side reflective)												Unit:	10. <u>00</u> .e	ach	
				-		L.	n <u>it R</u> ate	,				Amoga	nt			
tem No.	Description	Unit	Quantity		Con	ponent	(%)		Total			Component (PP)			Total	Remarks
				Lab,	Mat.	Equip.	For.	Local	(PP) [	Labor	Material	Equipment	Foreign	Loca]	<u>(PP)</u>	
L020	Unskilled Labor	nd	1.10	100.0%	0,0%	0.0%			314.00	345. 40	0, 10	0.00	0.00	345, 40	345.40	
M07405	Chatter Bar	each	10.00	0.0%	100.0%	0.0%	60, 0%	40, 0%	1,740,00	0, 00	17, 400, 90	0.00	10, 440, 00	6, 960, 60	17,400.00	
	Miscellancous	1.5	1, 00	0.0%	50.0%	50. D%	_50,0%	50,0%		0.00		266, 18]	266, 18	266, 18	532.36	3.0%
	Total									345, 40	17, 666, 18	266. 18	10, 706, 18	7, 571, 58	18, 277, 76	
	Components (%)									1.9%	96.7%	1.5%	58.6%	41. 4%	100.0%	
	Unit Rate	each								34, 58	1, 768, 77	26.65	1,071.92	758, 08	1, 830, 00	

Miscellaneous covers the cost for mortar, cutter, minor tools, etc.

#### 608(1) Furnishing and Placing Top Soil for Plantation

	Furnishing and Placing Top Soil for Pla		1			IJ	nit Rate	;				Amour	n			
Lem No.	Description	Unit	Quantity		Con	ponent		1	Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	l.ocal	(ም)	Labor [	Material	Equipment	Foreign	Local	(PP)	
M03001	Quarry Royalty (Borrow Soil)	m3	12.00	0, 0%	100.0%	0.0%		100.0%	15, 00	0, 00	180.00	0.00	0.00	180, 00	180,00	Loss 20.0
10102-061	Backhoe, hydraulic. crawler, 0.6im3	hr	0.28	4.4%	8.4%	87.2%	52.9%	47.1%	L, 740, 00	21.44	40. 92	424. 84	257.62	229, 58	487.20	
R0601-006	Dump Truck, 6.0-9.0 cu-yds (4.6-6.9m3)	hr	3, 54	10.0%	17.9%	72.1%	50.8%	49.2%	603.00	213.46	382.40	1,539,06	1,083.92	1,050,70	2, 134, 62	
1.020	Unskilled Labor	nd	1.90	100.0%	0.0%	0, 0%	0, 0%	180, 0%	314.00	596, 60	0.00	0, 00	0, 00	596, 60	596, 60	
	Miscellancous	I.S	1.00	5.0%	30, 0%	65.0%	50.0%	50.0%		3. 40	20. 39	44. 18	33, 98]	33. 98	67, 97	2.0%
	Total	I								834. 90	623.41	2,008.08	1, 375, 53	2, 090, 86	3, 466, 39	
	Components (%)									24.1%	18.0%	57.9%	39, 7%	60. 3%	100.0%	
	Unit Rate	m3								83.58	62.41	201.02	137.70	209, 30	347.00	
	Miscellaneous covers the costs for scree	กว่าญ, ร่	ieving, selecti	ion of s	sil, com	paction,	etc.									
	Q = 3600·q·f·E/Cm (Backhoc)						Ø = q•f	•E/Cm (D	ump Truck)							
	<b>Q : Excavation Volume per hour</b>	=	42.48	m3/h			🛛 🗄 Trai	nsportati	on Volume per h	our	3,39 n	n3/hr				
	g : Excevation Volume per Cycle	Ŧ	0, 59	mЗ			g ≑ Loa	ding Capa	city of a Truck		= <b>6.70</b> m	n3				
	F : Volume Coefficient	=	1,00				f∶Valı	ume Coeff	icient		L. (10					
	E : Efficiency	ŧ	0, 60				E : Eff	iciency			0,90					
	Cm: Cycle Time	=	30. 00	sec			Cm: Cyc	te Time =	λ + 2·L/Y		L. 7R	ur -				
							Y : Veh	icle spec	h		30,00	kn/hr				
	Unskilled labor for filling work						a : Loa	ding time			0,271	ir				
									ance from Quarr	v	22.60					

#### 610(1) Sodding

ltem No. 1.020

M07402

610(1)	Sodding												Unit:	100. <u>00 j</u>	m2	
						L	n <u>it Rat</u> e					Λ <b>n</b> ou	int			
Item No.	Description	Unit	Quantity	[	Cor	ponent	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Eguipment	Foreign	Loca	<u>(PP)</u>	
1.802	Foreman	nd nd	0.60	100.0%	0.0%	8,0%	0, 0%	100,0%	566, 00	339.60	Ŭ. 00	0, 90	0, 00	339, 60	339.60	_
1.620	Unskilled Labor	md	6, 40	100.0%	0.0%	0,0%	0.0%	100, 0%	314.00	2, 009. 60	0,00	0.00	0.00	2,009,60	2, 909, 60	
MILTI	Sod	m2	L00. 00	0.0%	100.0%	0,0%	7, 0%	93, 0%	29.40	0.00	2, 940. 00	0, 00	205, 80	2, 734, 20	2, 940. 00	
L	Miscellaneous	LS	1.00	_ 0.0%	50.0%	50, OX	50.0%	50.0%		0, 00	105. 78	<u> </u>	105.78	105, 78	211.57	4.0%
	Total									2, 349, 20	3, 045. 78	105.78	311.58	5, 189, 18	5, 500, 77	
	Components (%)			Ι						42. 7%	55, 4%	1.9%	5. 7%	94, 3%	100, 0%	
	Unit Rate	m2								23, 49	30. 45	1.06	3, 12	51,98	55.00	

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

611(1)a	Trees (Purnishing and Transplanting)	Low Tree	K≦t.5m										- Enít:	10.00	each	
				<b></b>		i	ní L Rat	e				<u>Λπο</u>	unt	-		
Ltem No.	Description	Unit	Quantity		Con	nponent	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip,	For,	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
M11002	Tree H=Im	each	10.00	0.0%	100.0%	0.0%	7.0%	93, 0%	215.00	0.00	2, 150.00	0.00	150.50	1, 999, 50	2, 150, 00	
W0911	Digging Out Tree, Low Tree H≦1.5m	each	10.00	100.0%	0.0%	0.0%	0.0%	100, 0%	18, 60	186, 00	0, 110	0.00]	0, 00	186.00	186, 00	
W0921	Tree Haulage, Low Tree H≦1.5m	each	10.00	13.5%	19.3%	67, 2%	49.0%	51.0%	23, 20	31, 32	44. 78	155.90	113,66	118.34		
W0931	Tree Planting, Low Tree H≦1.5m	each	10, 00	100,0%	0.0%	0.0%	0.0%	100, 0%	9.11	91, 10	0.00	0.00	0.00	91, 10	91.10	
-	Wiscellancous	LS	1.00	]						0.00	0, 00	0.00	11.00	0.08	0, 00	0.0%
	Total			[						308.42		155, 90	264.16	2, 394, 94	2,659,10	
	Components (%)	-								11.6%	82. 5%	5, 9%	9.9%	90. (%	100, 0%	-
	linit Rate	cach								30, 85	219, 55	15.60	26, 43	239. 57	266.00	-

#### 611(1)b Trees (Furnishing and Transplanting) Medium Tree 1.5m<H≤3.0m

6L1(1)b	Trees (Furnishing and Transplanting) Me	dium T	'ree 1.5m<∦≦3	, Om									<u>Uni</u> l:	10.0 <u>0 c</u>	ach	
						i l	nit Kal	e				Απάι	int			-
Item No.	Description	Unit	Quantity		Cor	ponent	(%)		Total			Component (PP)			Total	Remarks
		Į		Lab,	₩al.	Equip,	For.	l.oca1	(PP)	Labor	Material Naterial	Equipment	Foreign	Local	(PP)	
M11003	Tree H=1.5m	each	10.00	0, 0%	100.0%	0.0%	7.0%	93, 0%	503.00	0, 80	5, 030, 00	0, 00	352, 10	4, 677, 90	5, 030, 00	-
¥0912	Digging Dut Tree, Medium Tree 1.5m< H≦3.0m	each	10, 90	100.0%	0.0%	0.0%	0.0%	180, 0%	35. 70	357.00	0.00	0, 00	0. 90	357.00	357,00	
W0922	Tree Haulage, Medium Tree 1,5m <h≦3.0m< td=""><td>each</td><td>10, (10</td><td>13, 5%</td><td>19.3%</td><td>67.2%</td><td>49, D%</td><td>51,0%</td><td>45.68</td><td>61.56</td><td>88, 01</td><td>306.43</td><td>223, 40</td><td>232, 60</td><td>456.00</td><td></td></h≦3.0m<>	each	10, (10	13, 5%	19.3%	67.2%	49, D%	51,0%	45.68	61.56	88, 01	306.43	223, 40	232, 60	456.00	
¥0932	Tree Planting, Medium Tree 1.5m<∥≦3.0m		10.00	100.0%	0,0%	0.0%	0.0%	100.0%	27. 20	272.00	A. 00	0.00	0.08	272.00	272,00	
L	Miscellaneous	LS	1.00							0.00	9,00	0.00	0.00	0. <u>0</u> 0	0, 00	0.0%
	Total									690.56	5, 118, 01	306, 43	575.50	5, 539, 50	6, 115.00	
	Components (%)									11.3%	83. 7%	5.0%	9.4%	90. 6%	100, 0%	
	Unit Rate	each								69.11	512, 22	30.67	57.60	554.48	612.00	

# 611(1)c \_Trees (Furnishing and Transplanting) High Tree (young tree) <u>1.5m<</u>H≦3.0m

611(1)c	Trees (Furnishing and Transplanting) Hi	<u>gh T</u> re	e (young tree)	<u>1.5n&lt;</u>	H≦3,0m								. <u>Uni</u> t:	10.0 <u>0 e</u>	ach	
		1 - 1				U	nit Rate	3				Amou	int			
liem No.	Description	Unit	Quantity		Cor	nponent	(%)		Total			Component (PP)			Total	Remarks
				Lab,	_Mat,	Equip.		Local	(PP)	Labor	Material	Equipment	lioreign	Local	(PP)	_
M11004	Tree H=2m	each	10,00	0,0%	100.0%	0.0%	7,0%	93.0%	838.00	0.00	8, 380, 00	8,00	586, 60	7, 793, 40	8, 380. 00	
W0913	Digging Out Tree, High Tree (young tree) $1.5m \le  I \le 3.0m $	each	10, 00	100, 0%	0.0%	0.0%	0, 0%	100.0%	63, 00	630. 00	0, 00	<b>0</b> , 00	0. 00	630, 00	630. 00	
W0923	Tree Haulage, High Tree (young tree) 1.5m≤H≦3.0m	each	10. 00	13, 5%	19.3%	67.2%	19.0%	51.0%	78.10	105, 44	150, 73	524. 83	382, 63	398, 37	781.00	
W0903	Tree Planting, High Tree (young tree) 1.5m≤1 ≤3.0m	each	LO, 00	100. 0%	0.0%	0,0%	0.0%	100.0%	113.00	1, 130, 00	0.00	0, 00	0, 00	1, 130, 00	1, 138, 00	
_	Miscellaneous	LS	1.00							0, 00	0.00	.0.00	0, 00	0.00	0.00	0.0%
_	Total	L.								1, A65, 44	8, 530, 73	524.83	969, 23	9, 951. 77	10, 921, 00	
	Components (%)									17.1%	78.1%		8.9%	91.1%	100.0%	
	Unit Rate	each								186.19	851, 43	52.38	96, 74	993.26	1,090.00	

611(2)a	Trees	(Transplanting) Low	Tree H≤1.5	n.

611(2)s	Trees (Transplanting) Low Tree H≦1.5m	L											Unit:	10.00	each	
						ນ	nit Rati	3				Amou	int			
Item No.	Description	Unit	Quantity		Con	iponent	(%)		Total			Component (PP)			Total	Remarks
				Lab,	Mat.	Equip,	For,	1.ocal	(PP)	Labor	Material	Equipment	Foreign	Local	(ባባ)	
W0911	Digging Out Tree, Low Tree H≦1.5m	each.	10.00	100.0%	0.0%	0.0%	0.0%	100.0%	18.60	186.00	0.00	0.00	0, 00	186.00	186, 00	
W0921	Tree Haulage, Low Tree H≦1.5m	each	10.00	13, 5%	19.3%	67.2%	49, 0%	51,0%	23. 20	31.32	44. 78	155.90	113, 66	118, 34	232.00	
W0931	Tree Planting, Low Tree H≦1,5m	each	10.00	100.0%	0.0%	6,0%	0,6%	100.0%	9, 11	93. [8]	s. 66{	0.00	0.00	91.10	91, 10	i
	Miscellancous	LS	1.00							0.00	0.00	0, 00	0, 00	0.001	50, 91	10.0%
	Total									308.42	44.78	155. 90	113, 66	395, 44	560.01	
	Components (%)									55.1%	8.0%	27.8%	20.3%	70.6%	100.0%	
	Unit Rate	each								30.84	1.48	15, 59	11, 37	39.54	56, 00	

Miscellaneous covers the cost for storage, maintenance, fertilizer, etc.

# 611(2)b Trees (Transplanting) Medium Tree 1.5m<H≦3.0m

611 (2) b	Trees (Transplanting) Medium Tree 1.5m<	(∦≦3,∣	Om										linit:	100. <u>00</u> e	ach	
		1 1				l	nit Rate	3				Длоц	nt			
ltem No.	Description	Unit	Quantity		Con	npanent	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat,	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0912	Digging Out ¥ree, Medium Trac 1.5m< It≨3.0m	each	100, 00	100.0%	0, 10%,	Ð, O%	0.0%	100.0%	35, 70,	3, 570, 00	0.00	n, oo	B, 00	3, 570, 00	3, 570, 00	
W0922	Tree Haulage, Medium Tree 1,5m≤li≦3.0m	each	100.00	13.5%	19.3%	67, 2%	49,0%	51.0%	45, 60	615, 60	880.08	3, 064, 32	2, 234, 02	2, 325, 98	4, 560, 00	
¥0932	Tree Planting, Nedium Tree 1.5m <ll≦3.0m< td=""><td>cach</td><td>100.00</td><td>100.0%</td><td>0.0%</td><td>0.0%</td><td>Ŭ. 0%</td><td>100.0%</td><td>27.20</td><td>2, 720, 00</td><td>0, 0(I</td><td>0.00</td><td>8, 00</td><td>2, 720, 00</td><td>2, 720, 00</td><td></td></ll≦3.0m<>	cach	100.00	100.0%	0.0%	0.0%	Ŭ. 0%	100.0%	27.20	2, 720, 00	0, 0(I	0.00	8, 00	2, 720, 00	2, 720, 00	
	Miscellaneous	1.5	1,00							0.00	0.00	0,00	0, 00	0.00	1, 085, 00	10.0%
	Total									6, 905, 60	880.08	3, 064, 32	2, 234, 02	8, 615, 98	11, 935, 00	
	Components (%)									57.9%	7.4%	25. 7%		72.2%	100.0%	
	Unit Rate	each								68, 85	8.77	30, 55	22. 27	85. 91	119.00	

Miscellancous covers the cost for storage, maintenance, fertilizer, etc.

611(2) c	Trees (Transplanting) High Tree (young	tree)	1, 5m < H <u>≤ 3. 0m</u>										Unit	100.00 (	each	
[ · · •					<u> </u>	li li	níl Rat	e				Amoui	nt			
Item No.	Description	Bnit	Quantity		Ca	mponent	(%)		Total			Component (PP)			Total	Remarks
	1			Lab,	Mal.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(199)	
W0913	Digging Out Tree, Bigh Tree (young tree) 1.5m≤H≦3.0m	each.	100, <b>0</b> 0	100, 0%	0.0%	0.0%	0.0%	100.0%	63.00	6, 300, 00	0,00	9.00	0, 00	6, 300, 00	6, 300, 00	
\$0923	Tree Haulage, High Tree (young tree) 1.5m≤N≦3.0m	each	100, 00	13, 5%	19, 3%	67.2%	49.0%	51.0%	78. 10	1, 054, 35	1, 507, 33	5, 248, 32	3, 826. 26	3, 983, 74	7,810.00	
W0933	Tree Planting, High Tree (young tree) $1.5m \le H \le 3.0m$	each	100.00	100. 0%	0.0%	0. 0%	0, 6%	100, 0%	113.00	11, 300, 00	0, 90	0, 00	8, 00	[], 300. 00	11, 300, 00	
	Miscellaneous	LS	_1,00							0, 00	0.00	0, 00	0.00	<u> </u>	2, 541, 00	10.0%
	Total									18,654.35	1, 507. 33	5, 248. 32	3, 826, 26	21, 583, 74	27, 951.00	
	Components (%)									66.7%	5,4%	18.8%	13, 7%	77.2%	100.0%	
	Unit Rate	each						Γ		186, 87	15,10	52, 58	38. 33	216, 22	280, 00	
	Miscellaneous covers the cost for storage	), main	tenance, fertí	lizer, e	tc.											

#### 61<u>1 (3) a</u> Planter Box of CHE (1.00m x 1.00m) for Road Side Plantation

		1 1				i)	nit flat <u>e</u>					Anou	nt			
ltem No.	Description	Unit	Quantily		Con	ponent (	%)		Total			Component (PP)			Total	Remarks
		11		Lab.	Mat.	Equip,	For.	Local	(PP)	l.ahor	Material	Equipment	Foreign	Local	(PP)	
W0109	Excavation. Manpower	m3	19, 86	100.0%	0,0%	0.0%	0.0%	100.0%	132.00	2,621,52	0.00	0.00	0.00	2, 621. 52	2, 621, 52	
W0115	Disposal of Surplus Soil (menpower loading)	m3	5, 61	45.7%	10, 8%	43. 5%	30, 6%	69. 1%	103. 00	264, 03	62. 41	251.39	177.05	400. 78	577, 83	
¥0135	Backfill, Manpower + Compactor	1 m3 1	14.25	78.1%	5,6%	6, 3%	12.5%	87.5%	76.40	850, 09	61, 50	177.11	136, 22	952, 48	1, 088, 70	
1.002	Foreman	md	0,70	100.0%	0.0%	0.0%	0. U%	100, 0%;	566, 00	396, 20	0, 00	0, 00	0, 80	396, 20	396.20	
L007	Mascory	mod	1.00	100.0%	0, 0%	D, 0%	0.0%	100, 0%	463, 00	463.00	D, OO	0,00	0.00	463.00	463, 00	
L020	linskilled Labor	md	2, 70	100.0%	0, 0%	0,0%	0.0%	100.0%	314.00	847.80	0, 00	0.90	0, 80	847, 80	847.80	
M12012	Concrete Hollow Block (Load bearing) 6*x8*x16* (150x200x400mm)	each	433. 50	0, 0%	100, 0%	0. O%	25. 0%	75.0%	12.00	0. 00	5, 202. 00	0.00	1, 300, 50	3, 901. 50	5, 202. 00	Loss
W0221	Mortar (1:3)	m3	1,70	1.6%	93.8%	4, 6%	58.1%	41, 9%	1,820.00	50.61	2, 902. 34	141.05	1, 796, 80	1, 297. 20	3, 094, 00	
W0201	Lean Concrete (17MPa, max agg, 38mm)	m3	0.44	2.6%	80, 9%	16, 6%	56.6%	43, 4%	1, 450. 00	16. 31	516.05	105, 64	361.38	276, 52	638, 00	Loss
W0235	Concrete Pouring by Manpower for small structures	m3	0, 43	98.0%	0, 2%	1.8%	1.1%	98. 9%	224, 00	94, 43	0. 19	L. 70	1, 84	95.28	96. 32	
W0236	Concrete Curing (plain concrete)	m3	0,43	70, 9%	8,7%	20.4%	16.0%	84.0%	8, 85	2, 70	0.33	0, 78	0.61	3.20	3. 81	
#1243	Formwork (lean concrete)	m2	3, 40	41.3%	58.0%	0.8%	3.8%	96, 2%	152,00	213.19	299, 55	4.05	19, 74	497.06	516.80	
	Miscellancous	LS	<u>1.00</u>	0.0%	20, 0%	80, 0%	55.0%	45.0%		0.00	31.09	124. 37	85.50	69, 96	155, 46	1.0%
	Total							_		5, 819, 88	9, 075, 48	806. 08	3, 878. 84	11, 822. 60	15, 701, 44	
	Components (%)									37.1%	_57.8%	5, 1%	24.7%		100.0%	
	Unit Rate	each						r		581, 93	907, 46	80.60	387.85	1, 182, 15	1.570.00	

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

<u>611 (3) b</u>	Planter Box of Ch	iB ( <u>3.00m x</u> 1.00m)	for Road Side Plantation

<u>11 (3) b</u>	Planter Box of CHB (3.00m x 1.00m) for	1 1	COD 1 JEII CACION			U	nii Kate		······			Λmou	Unit:	10.00 c		
Item No.	Description	Unit	Quantity		Com	ponent			Total		·····	Companent (PP)	<del></del>		Total	Remarks
				Lab.		Equip.	For,	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0109	Excavation, Manpower	] m3 }	40, 76	100.0%	0.0%	0.0%	0.0%	100, 0%	132.00	5, 380, 32	0.00	0, 00	0,00	5, 380. 32	5, 380, 32	
W0115	Disposal of Surplus Soil (manpower loading)	m3	16, 71	45.7%	10, <b>B%</b>	43. 5%	30.6%	69.4%	103, 00	786, 43	185. 90	748, 80	527, 36	1, 193. 77	1, 721. 13	
W0135	Backfill, Manpower + Compactor	m3	24.05		5.6%	16.3%	12.5%	87.5%	76, 40	1, 434, 71	103.80	298, 91	229, 90	1, 607. 52	1,837,42	
1.002	Гогелан	met	L. 80		0.0%	U. O%	0.0%	100, 11%	566, 00	1,018.80	0. CO	O, GA	0, 00	1, 018, 80	1,018,80	
L007	Masonry	md		100.0%		U, 0%	0.0%	100, 0%	463.00	1, 157, 59	D, 00	0, 00	0.00	1, 157, 50	1, 157. 50	
1.020	Unskilled Labor	md	6.80	100.0%	0.0%	0.0%	0.0%	100.0%	314.00	2, 135, 20	0.00	0, 00	0,00	2, 135, 20	2, 135, 20	
M12012	Concrete Hollow Block (load hearing) 6″x8″x16″ (150x200x400mm)	each	1, 082, 00	0.0%	100, 0%	0.0%	25. 0%	75, 8%	12,00	0.00	12, 984, 00	0, 08	3, 246. 00	9, 738, 00	12, 984. 00	Loss 2.
W0221	Mortar (1:3)	1 m3	4.32	1.6%	93, 8%	4, 6%	58, 1%	41.9%	1, 820, 00	128.61	7, 375, 37	358, 43	4, 565, 99	3, 296, 41	7, 862, 40	
W0201	Lean Concrete (17MPa, max agg.38mm)	m3	0.95	2.6%	80.9%	16, 6%	56.6%	13.4%	1,450,00	35, 21	1, 114, 21	228. UB	780, 25	597.25	1, 377, 50	Loss 2.
W0235	Concrete Pouring by Manpower for small structures	m3	0, 93	98.0%	0, 2%	L 8%	1.1%	98. 9%	224.00	204. 24	0, 11	3, 68	2. 25	206, 07	208. 32	
W0236	Concrete Curing (plain concrete)	m3	0, 93	70.9%	8.7%	20, 4%	16, 0%	84.0%	8, 85	5. 84	0, 72	1,68	1. 32	6, 91	8. 23	
W0243	Formwork (lean concrete)	m2	7.40		58.0%	0,8%	3, 8%	96.2%	152.00	464, 01	651.97	8.82	42.96	1,081.84	1, 124, 80	-
	Miscellaneous	IS	1.00	0.0%	20.0%	80. O%	55, 0%	45.0%	[	0.00	73, 63[	294, 52	202. 49	165, 67	368, 16	1.0%
_	Total									12, 750. 86	22, 490, 01	1, 942, 91	9, 598, 51	27, 585, 27	37, 183. 78	
	Components (%)	1								34. 3%	60. 5%	5, 2%	25.8%	74.2%	100.0%	
	Unit Rate	each								1, 275, 64	2, 249, 98	194.38	960. 27	2, 759, 73	3, 720, 00	

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

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# 611(4)a Planter Square Type A (1.13mx1, 13m) for Road Side Plantation

	1	1 1				U	nit Rate					Anour	nt			
Iten No.	Description	Unit	Quantity		Ca	nponent	(%)		Total			Component (PP)			Total	Remarks
		1		Lab.	Mat.	Equip.		Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0109	Excavation, Manpower	m3	1.28	100.0%	0, 0%	0, 0%	0.0%	100.0%	132, 00	168.96	0, 00	0,00]	0.00}	168, 96	168.96	
₩0115	Disposal of Surplus Soil (manpower loading)	m3	L 28	45, 7%	10, 8%	43.5%	30.6%	69.4%	103.00	60. 21	14. 24	57, 36	40, 40	91. 14	131.84	
W0951	Precast Curbstone for Planter Square, Furnish	m	3.69	13. 2%	70, 1%	16, 7%	49, 9%	50, 1%	45.60	22, 23	117.92	28, 10	81.00	84, 26	168.26	
W0952	Precast Curbstone for Plantor Square, Laying	m	3, 69	96, 2%	3. 1%	0, 8%	1.9%	98, IS	34.40	122.06	3, 91	0, 98	2. 44	124, 50	126, 94	
W0161	Gravel Foundation Fill	m3	0.06	24.8%	13, 1%	62.1%	39, 0%	61,0%	390.00	5. 81	3, 06	14, 53	9, 12	14, 28	23, 40	
W0956	Treading Prevention Board for Planter Square, Furnish	m2	0, 99	13, 6%	72, 2%	14.2%	5 t. 8%	48, 2%	246.00	33. 09	175, 77	34, 68	126. 12	117, 42	243, 54	
¥0957	Treading Provention Board for Planter Square, Laying	m2	0.99	93, 5%	4.6%	2.0%	3, 3%	96. 7%	32, 20	29.79	I. 46	0, 63	1, 04	30, 84	31.88	
	Miscellaneous	LS	1.00	0.0%	80,0%	20, 0%	55. UX	45.0%		0.00	21.48	5, 37	14.76	12.08	<u>26</u> . 84	3%
	Total									442.18	337.84	141. 64	277.88	643.79	921, 66	
	<u>Components</u> (%)									48.0%	36.7%	15, 4%	30.1%	69, 9%	100.0%	
	Unit Rate	each				1				112.34	337.96	141.69	277.98	641.02	922.00	

Miscellaneous covers the cost for joint mortar, minor tools, etc.

## 611(4)h Planter Square Type B (0.68mx1.70m) for Road Side Plantation

						U	hit Rate	,				Amou	nt			
ltem No.	Description	Unit	Quantity		Cor	ponent	(%)		Tota)			Component (PP)			Total	Remarks
	<u> </u>			Lab.	Mat.	Equip,	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
W0109	Excavation, Manpower	m3.	0.35	100.0%	0, 0%	0,0%	0, 0%	100.0%	132.00	46.20	0, 08	0.00	0, 00	46. 20	46, 20	
W0115	Disposal of Surplus Soil (manpower loading)	m3	0.35	45.7%	10, 8%	43.5%	30. <del>6</del> %	69. 1%	103,00	15. 47	3, 89	15.68	11.05	25. 00	36.05	
₩095}	Precast Curbstone for Planter Square, Furnish	m	3, 36	13.2%	70, 1%	16, 7%	49, 9%	50.1%	45, 60	20. 25	107. 38	25, 59	76, 49	76. 73	153, 22	
¥0952	Precast Curbstone for Planter Square, Laying	m	3, 36	96. 2%	3, 1%	O, 8%	1, 9%	98. 1%	31. 10	111, 13	3, 56	0, 89	2. 22	113, 36	115.58	
W0161	Gravel Foundation Fill	m3	0,05	24.8%	13.1%	62.1%	39,0%	61.0%	390.00	4.84	2.65	12.11	7.60	11, 90	19.50	
	Miscellaneous	LS	1.00	0.0%	80.0%	20.0%	55, 0%	45.0%		0,00	8, 89)	2, 22	6, 11	5.001	U.12	3.0%
	Total									198, 89	126. 28	56, 50	103.47	278, 19	381.67	
	Components (%)									52, 1%	33. 1%	14. 8%	27.1%	72,9%	100.0%	
	Duit Rate	each								199.07	126. 39	56, 55	103, 56	278.44	382.00	

#### 612(1)a Reflectorized Thermoplastic Pavement Markings (White)

							nit Ra <u>te</u>	2				Amou	1L			
Item No.	Description	Unit	Quantity		Con	ponent	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip,	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Loca l	(PF)	
L002	Foreman	md	1.00	100.0%	0, 0%	Ő, 0%	0.0%	100.0%	566, 00	566.00	0, 00	0,00	0, 00]	566,00	566,00	
1019	Skilled Labor	nd	2, 30	110.0%	0,0%	0.0%	U. 0%	180.0%	403.00	926, 90	0.00]	0, 00	0.00	926, 90	926. 90	
1.020	Unskilled Labor	md	3, 00	100, 0%	0.0%	0, 0%	0, 0%	100.0%	314, 90	942.00	D, 00	0.00	0, 80	942.00	942.00	
M06041	Road marking paint (White, solution type with glass beads $15 \sim 18\%$ )	kg	900, 00	0.0%	100. 0%	0. (1%	65, 0%	35.0%	62. <b>7</b> 0	0, 00	56, 430, 00	0, 00	36, 679, 50	19, 750, 50	56, 430, 00	
01106-015	Line Marker (Solution Type, Hand Guide)	hr	5.90	B, 0%	0, 0%	100, 0%	60.5%	39, 5 <b>%</b>	65, 10	0. 00	0,00	385. 86	233, 31	152.55	385.86	
01007-005	Water Tank, 5m3	day	1.04	0, 0%	0, 0%	100, 0%	61.1%	38, 9%	178.00	0.00	0,00	185, 12	113.17	71,95	185.12	
R0603-002	Pick-up truck 2.2t	hr	9, 80	14.0%	10, 9%	75.1%	47.8%	52.2%	589.00	808.11	629.17	4, 334, 92	2,761.55	3, 010, 65	5, 772. 20	
	Miscellancous	LS .	1,00	0.0%	80.0%	20.0%	55.0%	45.0%		Q. 00	2, 086, 66	521.66	L, 434, 58	1, 173, 75	2,608.32	4.0%
	Total									3, 243, 01	59, 145, 83	5, 427. 57	41, 222, 10	26, 594, 30	67, 816, 40	
	Components (%)	1								4.8%	87, 2%	8.0%	60.8%	39.2%	100.0%	
	Unit Rate	m2								21,61	394, 21	36, 18	274, 75	177, 25	452,00	

Miscellaneous covers the cost for primer, propane gas, minor tools, etc.

### Reflectorized Thermoplastic Pavement Markings (Yellow)\_ 61<u>2(</u>1)b

Unit: 150.00 m2

				l		U	hit Kat	e				Amoi	int			
llem No.	Description	Unit	Quantity		Co	nponent	(%)		Total			Component_(PP)			Total	Remarks
				Lab.	Mat.	Equip.	For,	Local	(PP)	Labor	Material	Equipm <u>en</u> t	Forcign	Local	( <u>PP)</u>	
L002	Foreman	md	1,00	100.0%	0, 0%	U. 0%	0, 0%	100.0%	566.00	566.00	0.00	0.00	0, 00	566, 00		
1.019	Skilled Labor	md	2.30	100.0%	0.0%	0.0%	0.0%	100.0%	403, 00	926, 90		0, 00	0.00	926, 90	926, 90	
1.028	Unskilled Labor	md	3.00	100.0%	0.0%	0,0%	0, 0%	100, 0%	314,00	942,00	0.00	0.00	0.00	942, 00	942, 00	
H06042	Read marking paint (Yellow, solution type with glass beads 15~18%)	kg	900. 00	0.0%	100, 0%	0, 0%	65.0%	35, 0%	64, 60	0.00	58, 140. 00	0, 00	37, 791. 00	20, 349, 00	58, 140. 00	
Q1106-015	Line Marker (Solution Type, Hand Guide) 15cm	hr	5,90	0.0%	0.0%	100. 0%	60. 5%	39, 5%	65, 40	0.00	0. 00	385.86	233. 31	152.55	385, 86	
Q1007-005	Water Tank, 5m3	day	1.04	0.0%	0.0%	100.0%	6L 1%	38, 9%	178, 00,	0, 00	0, 00	185, 12	113.17	74, 95	185, 12	
R0603-002	Pick-up truck 2.2t	hr	9,80	14.0%	10, 9%	75, 1%	47, 87	52.2%	589, 00	808.11	629.17	4, 334, 92	2, 761, 55	3, 610, 65	5, 772, 20	
	Miscellaneous	LS	<u>1</u> ,00	0.0%	80, <u>0%</u>	20, 0%	55.0%	45.0%		0.00	2, 141, 38	<u>5</u> 35, 34	1, 472. 20	<u>i, 204. 53</u>	<u>2, 676. 72</u>	4.0%
								L		3, 243, 01		5 <u>, 4</u> 41. 25	42, 371.22	27, 223, 58	69, 594, 80	
	Components (%)										87.5%	7.8%	<u> 80, 9%</u>	39.1%	180, 0%	
	Unit Rate	m2	_						, ,	21.62	406.10		282.50	181, 50	164, 00	

Miscellaneous covers the cost for primer, propane gas, minor tools, etc.

### SPI, 612(2) Removal of Existing Thermoplastic Payement Markings

SPI. 612 (2)	Removal of Existing Thermoplastic Pave	ment Ma	rkings										Unit;	10.00 m	12	
· · · · · ·						ī	nit Rate					Λmou	nt			
ítem Na,	Description	Unit	Quantity		Co	nponent	(%)	_	Total	_		Component (PP)			Total	Remarks
_				Lab.	Mat.	Equip.	For,	Local	(PP)	Labor	Material	Equipment	Foreign	Local	<u>(PP)</u>	
1.002	Foreman	] nsi ]	0, 10	100.0%	0.0%	0.0%	0, 0%	100, 0%	566, 00	56, 60	0,00	0.00]	0.00	56, 60	56, 60	
1.020	Unskilled Labor	md	2, 00	100.0%	0, 0%	0.0%	0, 0%	100.0%	314.00	628, 00	0.00	0.00	0, 00	628.00	628.001	
	Miscellancous	LS	I, 00	10.0%	40.0%	50,0%	50.0%	50.0%		3. 42	13.69	17. 12	17.12	_ 17.12	34, 23	5.0%
	Tatel									688, 02	13.69	_17.12	17.12	_701.72	719, 83	
	Components (%)									95.7%	1, 9%	2.4%	2.4%	97.6%	100.0%	
	Unit <u>Rate</u>	m2								68, 82	1.37	1.71	1.71	70, 19	71,90	

Miscellaneous covers the costs for minor tools such as cart, picks, chisel, etc.

# 61<u>5(</u>1)a Delineator (ground standing type)

61 <u>5(</u> 1)a	Delineator (ground standing type)												<u> </u>	18.00	each	
						11	hit Rat	e			· · ·	Amor	int			
item No.	Description	- Unit	Quantity		Co	mponent	(%)		Total L			Сотропель_(РР)			Total	Remarks
_				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
L020	Unskilled Labor	md	I. 10	100.0%	0, 0%	0,0%	0, 1%	100.0%	314,00	345.40	0.00	0.00	0.00	345.40	345.40	
M07501	Delineator, Type A (ground standing type)	each	10.00	0.0%	100.0%	0, 0%	60, 0%	40. 0%	1, 450. 00	0. 00	14, 500. 00	0, 00	8, 700, 00	5, 800, 00	14, 500. 00	
_	Miscellaneous	List	L. 00	Į	ι					_0.00	0.08	0,00	0.00	l _ 0.00	<u>a.oo</u> ,	0.0%
	Total				1					345, 40	14, 500.00	0.00	6, 700. 00	6, 145, 40	14, 845, 40	· · _
	Components (%)					•				2, 3%	97.7%	0.0%	58.6%		100.0%	
	Unit Rate	each		1	<u> </u>			1		34, 43	1, 145, 57	0.00	867.34	612,66	1, 180, 00	

61 <u>5(1)</u> 6	Delineator (attached on guardrail)							_					U <u>nit</u> :	10.00	each	
						Ų	nit Rate					Åno	unt			
Itom No.	Description	Unit	Quantity		Co	nponent	(%)		Total			<u>Component_(PP)</u>			Total	Remarks
				Lab,	Mat.	Equip.	For.	l.ocal	(PP)	Labor	Naterial	1 <u>89</u> mqiup3	Foreign	1,0081	(49)	
1.020	Unskilled Labor	nd	0,40	100.0%	0.0%	0.0%	0, 0%	100.0%	314.00	125, 60		0, 08	0.00	125, 60		
M07503	Delíneator, Type C (on guardrail)	each	10.00	0.0%	100.0%	U. 0%	60,0%	40.0%	564.00	0.00	5, 640, 00	0.00	3, 384, 00	2, 256. 00	5, 640. 00	
	<u>Miscellaneous</u>	LS	<u>1.00</u>	1						U, OC			0.00	0.00		0.0%
	Total			i						125.60	5,640.00	0.00	3, 394. 00	<u>2,</u> 381. 60	<u>5, 765, 60</u>	
	Components (%)									2. 29	6 97, 8%	0.0%	58.7%	41.3%		
L	Unit Rato	each								12. 57	7 564.43	0.00	338, 66	238.34	<u>577.00</u>	

5(2)a	Curve Mirror 1-¢600												Unit:	10.0 <u>0 c</u>	ach	
						IJ	nit Rate					Amou	nt			
Item No.	Description	Unit	Quantity		Con	ponent	(%)		Total			Component (PP)			Tota]	Remarks
				Lab.	Mat.	Equip.	For.	Loca)	(PP)	labor	Material	Equipment	foreign	Local	(PP)	
L002	Foreman	md	0.80	100.0%	0.0%	0,0%	0.0%	100.0%	566, 00	452.80	0.00	0.00	0, 00	452.80	452.80	
L020	Baskilled Labor	md	2,60	180, 0%	0.0%	0.0%	0.0%	100.0%	314.00	816, 40	0.00	0, 00	0.00	816, 40	816.40	
M07601	Road Curve Mirror \$600	each	10,00	0.0%	100.0%	0,0%	60.0%	40.0%	11,000.08	0, 00	110,008.00	0.00	66,000.00	44, 000, 00	110,000.00	
M08706	Steel Gas Pipe, \$80	- n	39.00	0, 0%	100, 0%	0.0%	60.0%	40, 0%	294.00	0.00	11, 466, 00	0,00	6, 879, 60)	4, 586, 40	11, 466, 00	
M06003	Zinc Rich Frimer for Steel	{ NR	1.27	8,0%	100.0%	0.0%	65, 1%	35, 0%	374.08	0.00	171.98	0,00	308.74	166.24	474.98	
MO6021	Phenol Resin Paint for Steel	kg	1.37	0.0%	190, 0%	0.0%	65.0%	35.0%	272.00	0.00	372, 64	0.00	242. 22	130, 42	372.64	
W0109	Excavation, Manpower	m3	21.56	100.0%	0,0%	0.0%	0.0%	100.0%	132.00	2, 845. 92	0, 00	8.00	0,00	2, 845, 92	2,845.92	
WO115	Disposal of Surplus Soil (manpower loading)	m3	2.86	45. 7%	10, 8%	43, 5%	30. 6%	69. <b>1</b> %	103.00	134.60	31.82	128, 16	90, 26	204, 32	294. 58	
W0135	Backfill, Manpower + Compactor	m3	18.70	78.1%	5.6%	16, 3%	12.5%	87.5%	76, 40	1, 115, 55	80, 71	232. 42	178, 76	1, 249, 92	1, 428, 68	
W0161	Gravel Foundation Fill	m3	0.36	24,8%	13, 1%	62, 1%	39, 0%	61.0%	390.00	34, 85	18.35	87, 20	54.73	85, 67,	140.40	
W0203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	2.55	2.4%	82, 3%	15.3%		43.1%	1, 570, 00	94.77	3, 296, 49	612.24	2, 277, 85	1, 725, 65	4, 003, 50	Loss 2
W0235	Concrete Pouring by Manpower for small structures	n3	2.50	98. 0%	0.2%	1.8%	1.1%	<b>9</b> 8. 9%	224.00	549. 02	1, 10	9, <b>A</b> 8	6, 04	553, 96	560.00	
W0236	Concrete Curing (plain concrete)	3	2.55	70.9%	8,7%	20, 4%	16, 0%	84.0%	8, 85	16.01	1.97	4, 59	3, 61	18, 96	22.57	
W0240	Fernwork (plain coocrete HK4m)	m2	20,00		40.4%			97.1%	222.00	2, 613, 37	1, 791, 81	34.82	130. 51		4, 440, 00	
	Miscellaneous	LS	1.00			55.0%		45, 0%	-	0,00	617.93		755.25		1, 373, 18	1.0%
	Total									8, 673, 29	128, 153, 80	1, 864. 56	76, 927. 56	61, 764, 10	138, 691. 65	
	Components (%)	-								6. 3%	92.4%	1. 3%	<u>55. 5%</u>		100. 1%	
	lhít Rate	each								869, 26	12, 843, 87	186, 87	7, 709, 86	6, 190, 14	13, 900, 00	

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

### 615(2)b Curve Mirror 2-¢600

615(2)b	Curve Mirror 2- ¢600													10.00	each	
{		1 1				Ū	nit Rate	2					mt			
flem No.	Description	Unit	Quantily		Con	ponent (	(%)		Total			Component (PP)			Total	Remarks
L		1 1		Lab.	Mal,	Equip.	<b>Гог</b> ,	Local	(PP)	Labor	Malerial	Equipment	Poreign	local	(1712)	
L002	Foreman	md	1, 10	100, 6%	0, 0%	0.0%	0.0%		566.00	622, 60	0.00	0, 00	0,00	622.60	622.60	
1.020	Unskilled Labor	md	3, 70	100.0%	0.0%	0,0%	0, 0%	100.0%	314.00	1, 161, 80	0,00	0.00	0,00	1, 161, 80	1.161.80	
M07601	Road Curve Mirror #600	each	20, 00	0.0%	100.0%	0,0%	60.0%	40.0%	11,000,00	0,00	220, 000, 00	0.00	132,000,00]	H8, 000, 00	220, 000, 00	
908706	Steel Gas Pipe, 080	m.	39.00	0.0%	100, 0%	0.0%	60.0%	40, 0%	294.00	0,00	11, 466, 00	0.00	6, 879, 60	4, 586, 40	11, 466, 00	
\$106003	Zinc Rich Primer for Steel	kg	1, 27	0.0%	100, 0%	0.0%	65.0%	35.0%	374.00	0, 00	474.98	0,00	308, 74	166, 24	474.98	-
906021	Phenol Resin Paint for Steel	kg	1.37	0, 0%	100,0%	0.0%	65.0%	35, 0%	272.00	0,00	372, 64	0,00	242.22	130.42	372, 64	
W0109	Excavation, Manpower	m3	21.56	100,0%	0.0%	U, 0%	0,0%	100, 0%	132.00	2,845,92	0, 00	0.00	0, 00	2, 845, 92	2, 845, 92	
W0115	Disposal of Surplus Soil (manpower loading)	m3	2.86	45.7%	10.8%	43. 5%	30. 6%	69.4%	103, 00	134.60	31, 82	128, 16	90.26	204, 32	294.58	
WQ135	Backfill, Manpawer + Compactor	[ m3 ]	18.70	78.1%	5, 6%	- 16, 3%l	12.5%	87.5%	76, 10	1, 115, 55	80.71	232, 42	178.76	1, 249, 92	1, 428, 68	ļ
W0161	Gravel Foundation Fill	m3	0, 36	24.8%	13.1%	62.1%	39, 0%	61,0%	390.00	34, 85	18.35	87.20	54.73	85,67	140.40	
W0203	Concrete (Class A, 21MPa, max agg. 38mm)	n3	2.55	2.4%	82, 3%	15.3%	56, 9%	43.1%	1, 570, 00	94, 77	3, 296, 49	612.24	2, 277, 85	1, 725, 65	4, 003, 50	Loss 2, 0%
W0235	Concrete Pouring by Manpower for small structures	m3	2. 50	98. O%	0. 2%	1.8%	1. 1%	98. 9%	224, 00	549,02	1.10	9, 68	6. 84	553, 96	560, 00	
W0236	Concrete Curing (plain concrete)	m3 [	2.50	70.9%	8, 7%	20.4%	16.0%	84.0%	8, 85	15, 70	1. 93	4, 50	3.54	18.59	22.13	
	Miscellaneous	LS	1.00	0.0%	45.0%	55.0%	56.0%	45.0%	[	0.00	1,095.27	1, 338, 66	1 <u>, 338. 66</u>	1, 095, 27	2, 433, 93	1.0%
	Total					_				6, 574. 81	236, 839, 29	2, 413, 116	143, 380. 39	102, 446, 77	245, 827. 16	
	Components (%)			-						2. 7%	96.3%	1.0%	58.3%	41.7%	100.0%	
	Unit Rate	each								657, 94	23, 700. 58	241.48	14, 348, 12	10,251,88	24, 600, 00	

Miscellaneous covers the cost for fixtures, brushes, minor tools. etc.

### 615(3) Dustproof Concrete Paving for Median

615(3)	Dustproof Concrete Paying for Median												Unit:	100,00	n2	
						l	hit Rate	e				Αποι	ut			
Item No.	Description	Unit	Quantity		Cor	sponent	(%)		Total			Component (PP)			Total	Remarks
				եթի,	Mat.	Equip,	For.	Local	(PP)	Lahor	Materia]	Equipment	Foreign	Local	(PP)	
W0128	Selected Sand, transported	m3	5, 50	12.7%	20.0%	67.2%	43,6%	56. 1%	166, 04	115.98	183, 05	fi 3, 98	397.82	515, 18	913.00	Loss 10.0%
W0135	Backfill, Manpower + Compactor	m3	5,00	78.1%	5,6%	16, 3%	12.5%	87.5%	76.40	298, 28	21.58	62.14	47, 80	334, 20	382.00	
W0202	Concrete (Class B, 17MPa, max agg, 50mm)	m3	7, 14	2.8%	78.4%	18. 8%	56.3%	43, 7%	1, 340. 00	271.20	7, 500, 71	1, 795, 68	5. 386, 70	4, 180, 90	9, 567, 60	Loss 2,0%
W0235	Concrete Pouring by Manpower for small	m3	7.00	98, 0%	0.2%	1.8%	1. 1%	98, 9%	224, 00	1, 537, 25	3, 07	27, 67	16. 91	L, 551, 09	1, 568, 00	ļ
	structures													-,	1, 1001 00	
WOZ36	Concrete Curing (plain concrete)	m3	7.65	70, 9%	8.7%	20.4%	16.0%	84.0%	8, 85	43, 94	5.40	12. 61	9.91	52.04	61.95	1
	Miscellancous	15	1.00	0.0%	711, 0%	30, 0%	55.0%	45, 0%		0.00			137.42	112.43	249.85	2, 0%
	Total						<b></b>			2, 266, 65	7, 888, 71	2, 587, 04	5, 996. 56	6, 745, 84	12, 742, 40	
	Components (%)									17.8%	61.9%	20. 3%	47.1%	52.9%	100.0%	
	Unit_Rate	m2								22.59	78.62	25.78	59.77	67, 23	127.00	

Miscelleneous covers the cost for forms, joints, etc. Sand base thickness =

0.050 m Concrete pavement thickness = 0,070 m

# SPL 620(1)a Traffic Signal Pole Type A (Mast Arm Post H=6.7m)

linit: 1.00 cach

		1 1				ť	n <u>it Ra</u> te	e				Amou	<u>mt</u>			
item No.	Description	Unit	Quantity		Сог	<u>npanent</u>	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Local	(99)	Labor	Material	iquipment	Foreign	Loca1	<u>(PP)</u>	
W0106	Excavation, Backhoe 0.61m3	m3	5.29	1.4%	8.4%	87.2%	52.9%	47, 1%	40, 90	9. 52	18, 17	188.67	114, 41	101, 95	216.36	
WOILL	Disposal of Surplus Soil (hackhoe loading)	m3	1.73	8.1%	14.8%	77.1%	51.5%	48, 5%	93, 00	13, 10	23, 74	124.05	82, 82		160. 89	
W0133	Backfill C	m3	3, 56	11.4%	11.8%	76.7%	49, 4%	50,6%	145.00	58, 95	61.07	396, 18	255.02	261, 18	516.20	
¥0203	Concrete (Class A, 21MPa, max agg, 38mm)	m3	1, 76	2.4%	82.3%	15.3%	56.9%	43.1%	1, 570. 00	65. 41	2, 275. 23	422, 56	1, 572, 16	1, 191, 04	2, 763, 20	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	1. 73	15.5%	0, 2%	84. 3%	45. 2%	54.8%	257.00	69.07	Ű, 87	374.67	200, 78	243, 83	444, 61	
¥0237	Concrete Curing (reinforced concrete)	1 m3 1	1.73	74.6%	7.6%	17.8%	11.0%	86.0%	4.21	5, 13	41, 55,	L. 29	1.02	6.26	7.28	
W0241	Formwork (reinforced concrete HK4m)	m2	5,76	59.3%	39, 9%	0, 8%	2.9%	97.1%	224.00	764. 93	515, 19	10. 12	37.65	1, 252. 59	1, 290. 24	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	144.30	15.2%	77. OX	7.8%	54.0%	46, 0%	23, 30	510.61	2, 589. 07	262. 51	1, 815, 41	1, 546, 78	3, 362, 19	
L002	Foreman	nd	0.23	100, 0%	0, 0%	0, 0%	0.0%	100.0%	566.00	130. 18	a, no	0, 00	0.00	130, 18	130, 18	
L019	Skilled Labor	nd	0,25	100.0%	0.6%	6, 0%	0.0%	100.0%	403, 00	100, 75	0.00	0.00	0.00	[00, 75]	100.75	
1.020	Unskilled Labor	nd	0.42	100.0%	0.0%	0.0%	0.0%	100.0%	314.00	131.88	0, 00	0.00	0, 00	131, 88	131.88	
#1101	Traffic Signal Post Type A (Mast Arms) N=6.7m, Furnished	each	1.00	6.8%	68.7%	24. 5%	59.6%	40. 4%	22, 500, 00	1, 522, 54	15, 463, 36	5, 514, 10	13, 419, 20	9, 080. 80	22, 500, 00	
R0402-015	Truck Crane, Hydraulic 11-151	hr	0, 97	8.4%	8.3%	83. 3%	50.7%	49.3%	879, 00	71.62	70, 77	710.24	431, 88	420. 75	852.63	
#1001	Underground Cable Duct	1 .	20.00	13.1%	68, 3%	18,6%	47. 1%	52, 9%	360.00	942.62	4, 920, 81	1, 336, 57	3, 390. 26	3, 809, 74	7, 200, 00	
	Miscellaneous	LIS	1.00	0.0%	60, 0%	40, 0%	<u>55.0%</u>	45.0%		0.00	476.12		436.44		793, 53	2.0%
	Total									4, 396, 62	26, 414, 95	9,658.37	21, 757. 04	18, 712, 90	40, 469, 94	
	Components (%)	{								10.9%	65. 3%	23.9%	53.8%		100.0%	
	Unit Rate	each								4, 399, 88	26, 434, 57	9,665.54	21, 773. 20	18, 726, 80	40,500.00	

Miscellaneous covers the cost for fixtures, embedment, minor tools, etc.

# SPL 620(1)b Traffic Signal Pole Type A (Mast Arm Post H=6. Om)

PL 620(1)b	<u>Traffic Signal Pole Type A (Mast Arm Po</u>	<u>1 1</u>				Ū	it Rate					Λιπουι	Unit:	L. 00 g	<u>т т</u>	
ILen: No.	Description	Unit	Quantity		Cor	ponent (		·	Total			Component (PP)			Total	Remarks
	`		_ ` `	Lab.	Mat.	Equip,	For,	Local	(99)	Labor	Naterial	Equipment	Foreign	Local	(PP)	
W0105	Excavation, Backhoe 0.61m3	- m3	5, 29	4, 1%	8.4%	87.2%	52.9%	47.1%	10.90	9.52	18, 17	188, 67	114.41	101.95	216, 36	
¥0111	Disposal of Surplus Soil (backhoe loading)	m3	1.73	8. 1%	14.8%	77.1%	51.5%	48. 5%	93.00	13. 10	23, 74	124, 05	82. 82	78. 07	160.89	
W0133	Backfill C	m3	3, 56	l1.4%	11.8%		49. 4%	50.6%	145.00	58, 95	61.07	396, 18	255, 02	261.18	516, 20	
W0203	Concrote (Class A, 21MPa, max agg.38mm)	n 3	2.07	2.4%	82.3%	15.3%	56, 9%	43.1%	1, 570, 10	76.93	2, 675, 98	496. 99	1.849.08	i, 400. S2	3, 249, 90	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	т3	2, 03	15, 5%	0.2%	84. 3%	45, 2%	54, 8%	257.00	81.05	1.02	439, 64	235, 60	286, 11	521.71	
¥0237	Concrete Curing (reinforced concrete)	n:3	2.03	74.6%	7.6%	17, 8%	11.0%	86.0%	4.21	6. 38	0.65	1.52	L. 19	7, 36	8. 55	
W0241	Formwork (reinforced concrete HK4m)	TR2	7.46	59.3%	39.9%	U. 8%	2.9%	97.1%	224.00	990, 69	667.24	13.11	48.76	1,622,28	1, 671, 04	
W0251	Reinforcement Grade 40, cutting, bending & assembly	ka	224.40	l5.2%	77. Q%	7,8%	54.0%	46.1%	23, 30	794. 05	4,026,24	408, 23	2,823.14	2, 405, 38	5, <b>228</b> , 52	
L002	Forenau	md	0.23			0.0%		100.0%	566.00	130. 18	0, 00	0.00	0.00	130, 18	F30, 18	
L019	Skilled Labor	md	0.25				0.0%		403.00	100. 75	0.00	0, 08	0, 00	100, 75	100.75	
1,020	Unskilled Labor	mrt	0.42	100, 0%	0, 0%	0.0%	0.0%	100.0%	314.00	131, 88	II, 00	0.00	0, 00	131, 88	131.88	
W1102	Traffic Signal Post Type A (Mast Arms) H=6.0m, Fornished	each	1, 00	7.1%	67, 9%	25. 0%		40, 7%	21, 400. 00	1,511.33	14, 540, 34	J J	12, 696. 97	8, 703, 03	21,400.00	
R0402-015	Truck Crane, Hydraulic 11-15t	hr	0, 97	8,4%	8, 3%	83.3%	50.7%	49.3%	879.00	71.62	70, 77	710, 24	431.88	420.75	852.63	
WIDOL	Underground Cable Duct	1 11	20.00	13.1%	68.3%				360, 00	942.62	4, 920. 81	1, 336. 57	3, 390. 26	3, 809, 74	7,200.00	
	Miscellaneous	1.5	1, 00	0.0%	60, 0%	40, 0%	<u>55.0%</u>	45.0%		0.00	496, 66		455. 27	<u>372. 50</u>	827.77	2.0%
	Total	+								4, 919. 05	27, 502. 70		22, 384, 39	19, 831, 99	12, 216, 38	
	Components (%)									(1.7%	65, 1%	23.2%	53.0%	47.0%	100.0%	
	Unit Rate	each								4, 917. 15	27, 492, 03	9, 790. 82	22, 375, 71	19, 824, 29	42, 200, 00	

# SPI 620(i)c Traffic Signal Fold Type B (d 114 3mm x 4 2m)

<u>SPL 620(1)c</u>	<u>Traffic Signal Fole Type B (¢114.3mm x</u>	: 4. 2m)											Unit:	1,00 (	each	
							nit Rate	<u>}</u>				Атоц	<u>nt</u>			
ltem No.	Description	Unit	Quantity		Соп	ponent			Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip,	for.	Local	(PP)	Labo <u>r</u>	Material	Equipment	Foreign	Local	(PP)	
WIL05	Excavation, Backhoe 0.61m3	m3	3. 47	1.4%	8.4%	87.2%	52.9%	47.1%	40.90	6, 24	11, 92	123.75	75, 05	66, 87	141.92	
WO [ 1 ]	Disposal of Surplus Soil (backhoe loading)	m3	0.70	8.1%	14.8%	77.1%	51.5%	48. 5%	93.00	5, 30	9, 60	50, 19	33, 51	31, 59	65, 10	
¥0133	Backfill C	1 m3 1	2.77	11.4%	11.8%	76.7%	49, 4%	50, 6%	145.00	45, 87	47.52	308.26	198.42	203. 23	401.65	
₩0203	Concrete (Class A, 21MPa, max agg.38mm)	{ m3 {	0, 71	2, 4%	82.3%	15, 3%	56, 9%	43.1%	1, 570, 00	26.39	917, 85	170, 47	634, 22	480, 48	1, 114, 70	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0, 70	15, 5%	0.2%	84, 3%	45, 2%	54.8%	257.00	27. 95	0, 95	151, 60	81. 24	98, 66	179, 90	
W0237	Concrete Curing (reinformed concrete)	m3	0, 70	74,6%	7.6%	17.8%	14.0%	86.0%	4, 21	2. 20	0, 22	Ð. 52	0.41	2, 54	2, 95	
W0241	Formwork (reinforced concrete H<4m)	m2	3, 52	59.3%	39, 9%	0,8%	2.9%	97.1%	224, 00	467, 46	314.84	6.18	23.01	765. 47	788, 48	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	34. 20	15. 2%	77, 0%	7.8%	54,0%	46. 11%	23. 30	121.02	613, 63	62. 22	430, 26	366, 60	796.86	
1.002	Foreman	and a	0, 17	100.0%	0.0%]	0, 0%)	0.0%	100.0%	566, 00	96.22	0.00	0, 00	0.00	96, 22,	96. 22	
L019	Skilled Labor	md	0, 19	100.0%	0.0%	0, 0%	0.0%	100.0%	403, 80	76, 57	0.00	0, 80	0, 00	76.57	76.57	
1.020	Unskilled Labor	md	0.33	100.0%	0,0%	0.0%	0.0%	100.0%	314.00	103, 62	0, 00	Ö. 00	0,00	103, 62	103.62	
¥1103	Traffic Signal Posts Type B #114,3mm x 4.2m, Furnished	each	1.00	12.2%	52.9%	34. 9%	53, 7%	46. 3%	9, 440, 00	1, 148. 94	4, 991, 96	3, 299, 10	5, 866, 68	4, 373, 32	9, 140. 00	
R0402-010	Truck Crane, Hydraulic 6-10t	hr	0.74	15.2%	9.3%	75.5%	47.0%	53.0%	485.00	54, 55	33, 38	270. 97	168, 83	(90, (17	358.90	
W1001	Underground Cable Duct	m	20, 00	13, 1%	68.3%	18, 6%	47.1%	52.9%	360. 00	942.62	4, 920, 81	1, 336. 57	3, 390, 26	3, 809, 74	7,200.00	
	Miscellaneous	LS	1.00	0.0%	60.0%	40. 0%	55.0%	45. 0%		0, 00	249. 20		228, 44	186.90	415, 34	2.0%
	Total				]					3, 124, 95	12, 111, 29	5, 945. 97	10, 330, 33	10, 851, 88	21.182.21	
	Components (%)	<u> </u>								14.8%	57, 2%	28.1%	48.8%	51.2%	100.0%	
<u> </u>	Unit Rate	each								3, 127, 57	12, 121, 46	5, 950, 97	10, 339, 01	10, 860, 99	21, 200, 00	

Miscellaneous covers the cost for fixtures, embedment, minor Lools, etc.

# SPL 620(1)d \_\_\_\_Traffic Signal Pole Type C (\$\$\phill 114.3mm x 3.4m)

<u>°L 620(1)d</u>	<u>Traffic Signal Pole Type C (¢114, 3mm x</u>	<u>3.4m)</u>								····		·	Unit:	1.00 ca	h	
ltem No.	Description	Dait	Quantity		<i>c</i>	nponent	nit Rate	<u>e</u>	Total	<u></u>		Amour Composent (PP)	nt	<u> </u>	Total	Remarks
Trem no.	peac) (pr10)	Part	Ansuraty	Lab.		Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	AGMALKS
W0105	Excavation, Backhoe 0.6im3	m3	3, 18		8.4%				10.90	5, 72	10, 93	113.41	68, 77	61, 29	130.06	
W0111	Disposal of Surplus Suil (backhoe loading)	m3	0.70		14, 8%				93.00	5.30	9. <del>(</del> i0		33, 51	31, 59	65, 10	
W0133	Backfill C	m3	2.48	11.4%	±1.8%	76.7%	49, 4%	50, 6%	145.00	41.07	42, 55	275, 99	177.65	181, 95	359, 60	
¥0203	Concrete (Class A. 21MPa, max agg.38mm)	m3	41, 99	2.4%	82.3%	15.3%	56.9%	43.1%	1, 570. 00	36, 79	1, 279. 81	237. fi9	884, 34	669, 96,	1, 554, 30	Loss 2.1
₩0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	U, 97	15.6%	0.2%	84.3%	45. 2%	54.8%	257.00	38, 73	0. 19	210.07	112.58	136, 71	249. 29	
W0237	Concrete Curing (reinforced concrete)	] m3 {	0.97	74,6%			14,0%		4.21	3.04	0, 31	0.72	0.57	3, 51	4, 08	
W0241	Fornwork (reinforced concrete H<4m)	m2	5.13	69, 3%	39.9%	0.8%	2.9%	97.1%	224.00	681.27	458.84	9, 01	33, 53	1, 115, 59	1, 149. 12	
W025t	Reinforcement Grade 40, cutting, hending & assembly	kg	39.10	15, 2%	77.0%	7.8%	54.0%	46.0%	23. 30	138, 36	701.54	71, 13	491, 91	419, 12	911,03	
1.002	Forenan	Ind	0, 17			0,0%	0,0%	100.0%	566.00	96.22	U. DO	0, 00	0, 00]	96. 22	96.22	
1.019	Skilled Labor	md	0.19				0.0%		403.00	76.57	0.00		0.00	76. 57	76. 57	
1.020	Unskilled Labor	nud	0.33	100.0%	0,0%	0.0%	0.0%	180.0%	314.00	103.62	łi, 00	0.00	0.00	103, 62	103, 62,	
W1(04	Traffic Signal Posts Type C @114.3mm x 3.4m, Furnished	cach	1.00	12.6%	51.7%	35, 7%	53.2%	46, 8%	9, 080, 00	1, 145, 04	4, 693, 88	3, 241. 07	4, 831, 08	4, 248, 92	9, 080, 00	
R0402-010	Truck Crane, Hydraulic fi-10t	hr	0.74	15.2%	9.3%	75.5%	47.0%	53.0%	485.00	54, 55,	33, 38	270. 97	168, 83	190, 07	358, 90	
W1001	Underground Cable Duct	n	20.00	13.1%	68, 3%	18.6%	47.1%	52, 9%	360, 00	942.62	4, 920, 81	1, 336, 57	3, 390, 26	3,809,74	7,200.00	
	Miscellaneous	LS	1.00	0.0%	60.0%	40, 0%	55.0%	15.0%		0.00	256, 05		234. 72	192, 04	126.76	2.0%
<u> </u>	Total	I		L						3, 368, 90	12, 408, 20	5, 987, 54	10, 427, 75	11, 336, 90	21, 764, 65	
	Components (%)			L		L				15, 5%	57.0%	27, 5%	47.9%	52.1%	100.0%	
	Unit Rate	each	L.	Ł						3, 374, 38	12, 428, 36	5, 997. 27	10, 444, 69	11, 355, 31	21,800.00	

# SPL 620(1)e Traffic Signal Pole Type D (\$\$114.3mm x 3.0m)

Unit 1,00\_each

						11	nit Rat	e				Алю	unt			
Item No.	Description	Unit	Quantity		Con	nponent	(%)		Total			Component (PP)			Total	Remarks
		1		Lab.	Mat.	Equip.	for,	1.ocal	<u>(PP)</u>	Labor	Material	Equipment	Foreign	Local	<u>(PP)</u>	
W0105	Excavation, Backhoe 0,61m3	<b>n</b> 3	2.03	4.4%	8, 4%	87.2%	52, 9%	47.1%	40.90	3, 65	6, 97	72, 40	43.91	39.12	83.03	
W0111	Disposal of Surplus Soil (backhoe loading)	тЗ	0. 29		14, 8%	77.1%	51, 5%	18, 5%	93, 00	2. 20	3, 98	!	13.88	13.09	26, 97	
M0133	Backfill C	1⊪3	1.74	11.4%	11.8%	76. 7%	49, 4%	58,6%	145.00	28.81	29, 85		124.64		252.30	ļ
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	6, 30	2.4%	82.3%	15, 3%	56, 9%	43, 1%	1, 570. 00	11, 15	387.82	72.03	267.98	203.02	471.00	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	n:3	0.29	15, 5%	0.2%	84.3%	45. 2%	54, 8%	257.00	L 1. 50	0.15	1	33. 66	40, 87	74, 53	
¥0237	Concrete Curing (reinforced concrete)	m3	0, 29		7.6%	17.8%	14.0%	86, 0%	4. 21	0.91			0, 17	1, 05	1, 22	
¥0241	Formwork (reinforced concrete NK4m)	m2	1.92	59.3%	39, 9%	0. R%	2, 9%	97.1%	224.08	254. 9A	171.73	3, 37	12.55	417.53	430, 08	
¥0251	Reinforcement Grade 40, cutting, bending & assembly	kg	27. 40	15, 2%	77,0%	7.8%	54.U%	46, 0%	23, 30	96, 96	491.62	49.85	344. 71		638.42	
1.002	Foreman	md	0, 17	100, 0%	0, 0%	0.0%	0,0%	100.0%	566, 00	96.22	8.00	0.00	0, 08	96.22	96, 22	
1.019	Skilled Labor	nd	0.19	100.0%	0.0%	0.0%	0.0%	100.0%	403.00	76.57	łł, 00	0, 80	0, 00	76. 57	76, 57	
1.020	Unskilled Labor	mod	0.33	-188,0%	0.0%	0, 0%	0,0%	100.0%	314.00	103.62	0, 00	0.00	0.00	103, 62)	103. 62	2
W1105	Pedestrian Signal Posts Type D of 114,3mm x 3.0m, Furnished	each	1.00	12.8%	51.0%	36. 1%	53, 0%	47.0%	8, 920, 00	1, 144. 69		, .	4, 724. 20	4, 195. 80	8, 920, 00	
R0402-010	Truck Crane, Hydraulic 6-101	hr	0.74	15, 2%		75, 5%	47.0%		485.00	54.55	33. 38		168, 83	190, 117	358, 90	
W1001	Underground Cable Duct	M	20.00	13, 1%	68, 3%				360, 00	942.62			3, 390, 26	3, 809, 74	7, 200, 00	
	Miscellaneous	LS	1.00	0.0%	60.0%	40.0%	55.0%	15.0%		0, 00	224.79		206.06		374.66	2.0%
	Total									2,828.50				<u>9, 776, 66</u>	19,107,52	
	Components (%)									14.8%	56.6%	28, 5%		51.2%	100, 0%	
	Unit Rate	each		i				I	. <u> </u>	2, 827. 39	10, 820. 02	5, 452. 60	9, 327, 18	9, 772, 82	19, 100, 00	

Miscellaneous covers the cost for fixtures, embedment, minor tools, etc.

# SPL 620(2)a Traffic Signal Lamps Type A (6 vehicle lamps)

SPL 620(2)a	Traffic Signal Lamps Type A (6 vehicl	e lamps)											ll <u>ni</u> t:	1,00	ach	
						Ū,	nit Rate	e				<u>Amo</u> u	nt			
ftem No.	Description	Unit	Quantity		Čor	nponent	(%)		Total			Component (PP)			Total	Remarks
	·			Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
L002	Foreman	nd	0, 12	100.0%	0.0%	0.0%	0.0%	100.0%	566, 00	67. 92	ũ, 00	0,00	0.00	67.92	67, 92	
L012	Electrician	mdi	0.15	100,0%	U, 0%	0.0%	0.0%	100, 0%	421,00	63, 15	0.00	0.08	0, 00	63, 15	63, 15	1
L020	Unskilled Labor	nd	0.25	100, 0%	0, 0%	0.0%	0.0%	100.0%	314.00	78, 50	0, 00	Q. (KI	0, 00	78, 50	78.50	
M07273	Traffic Signal Lights (6 lamps)	set	1.00	0.0%	100.0%	0.0%	55.0%	45.0%	186, 000, 00	0, 00	186, 000, 00	0.00	102, 300, 00	83, 700, 00	186,000.00	
R0402-015	Truck Crane, Hydraulic 11-151	hr	0, 80	8, 1%	8,3%	83.3%	50, 7%	49.3%	879.00	59.07	58, 37	585, 77	356, 19	347.01	703.20	
Q0405-013	Lift Car. 12~13m	hr	0.95	6.8%	3.0%	90.2%	54, 1%	45, 9%	1, 180, 00	76, 31	33, 48	1,011.22	607.02	513,98	1, 121, 00	1
۱	Miscellaneous	LS	1,40	341, 0%	30, 0%	40.0%	50.0%	50.0%		1,692.30	L <u>, 692. 3</u> 0	2, 256. 41	2, 820, 51	2,820.51	<u>5,641.01</u>	3.0%
	Total									2,037,25	187, 784, 14	3, 853. 39	106, 083, 72	87,591.06	193, 674, 78	
	Components (%)									1.1%	97, 0%	2.0%	54, 8%	45.2%	100.0%	
E	Unit Rate	cach								2, 040, 67	188, 099, 47	3, 859. 86	106, 261, 85	87, 738, 15	194, 000, 00	

Miscellaneous covers the costs for ancillary devices, cable connection, power reception, testing, etc.

# Traffic Signal Lamps Type B (3 vehicle lamps) SPL 620(2)b

SPL 620(2)b	Traffic Signal Lamps Type B (3 vehicle	e lamps)		_									Unit	1.00 0	each	
Γ	]					U	nit Rat	e				Amou	nt			
item No.	Description	Unit	Quantity		Cor	nponent	(%)		Total			Component (PP)			Total	Kemarks
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	l,ocal	( <u>P</u> P)	
L002	Foreman	md	0, 12	100.0%	0.0%	0.0%	0.0%	100, 0%	566, 80	67, 92	0.00	0.00	0.00	67.92	67.92	
1.012	Electrician	nd	Q. 15	100.0%	O. U%	0.0%	0.0%	100,0%	421.00	63.15	0.00	0, 00{	0, 180	63.15	63.15	
L020	Unskilled Lahor	j md j	0. 25	100.0%	Ü. 0%	0.0%	0.0%	100.0%	314.00	78, 50	0.00	0, 00	0.00	78.50	78, 50	
M07272	Traffic Signal Lights (3 lamps)	set	1.00	0.0%	100.6%	0.0%	55, 0%	45.0%	99, 900, 00	0.00	99, 900. 00	0, 00,	54, 945, 00	44, 955, 00	99, 900, 00	1
R0402-010	Truck Crane, Hydraulic 6-101	hr	0. 80	15, 2%	9.3%	75.5%	47.0%	53.0%	485.00	58.98	36, 09	292, 94,	182.52	205. 48	388, 00	
98405-013	Lift Car. 12∼13m	hr	0, 95	6.8%	3.0%	90, 2%	54, 1%	45.9%	1, 180, 00	76.31	33. 48	1,011.22	607, 02	513, 98	L, 121, 00	
	Miscellaneous	I.S	1.00	30,0%	30, 0%	40.0%	50,0%	50.0%		_914.57)	<u>91</u> 4, 57)	], 219. 42	1, 524. 28	<u>1, 524, 28</u>	<u>1, 048, 56</u>	3. 0%
	Total									1, 259, 42	100, 884, 13	2, 523. 58	57, 258. 82	47, 408, 31		
	Components (%)									1.2%	96.4%	2.4%	54. 7%	45. 3%	100.0%	
	Unit Rale	each								1, 263, 43	101, 204. 97	2, 531. 60	57, 440, 92	47, 559, 08	105,000.00	

Miscellaneous covers the costs for ancillary devices, cable connection, power reception, testing, etc.

#### SPL 620(2) 0 <u>Traffic Signal Lamps Type C (2 pedestrian lamps)</u> Doit: 1.00 each Unil Rate <u>á</u>moun L Total Remarks Item No. Description Uni t QuantiLy Component (%) Total Companent (PP) Lah. Material Foreign Mat. Equip. For. Local (PP)\_ Labor Couipment Local (PP) 100.0% 67, 92 1.002 nd 0.0% 100.0% 566.00 67.92 0. UO 0.00 67, 92 Foreman 0.12 0.0% 0, 0% 0.00 1.012 Electrician md 0, 15 100.0% n. 0% 0.0% 0.0% 100.0% 421.00 63, 15 0, 00 0.00 U. 00 63, 15 63.15 1020 Unskilled Labor md 0.25 100.0% 0.0% 0.0% 0.0% 100.0% 314.00 78, 50 0.00 0.00 u, oo 78.50 78.50 47, 400, 00 26, 078, 00 17, 100, 00 0.0% 55.0% 45.0% 0.00 47, 400.00 0,00 21, 330, 00 M07271 Pedestrian Signal Lights (2 lamps) set 1,00 100, 0% U, 0% 0.80 15.2% 47.0% 53.4% 485.00 59, 98 292, 94 182.52 205, 48 R0402-010 Truck Crane, Hydraulic 6-10t hr 9, 3%) 75. 5% 36.08 388, 00 90, 2% 513.98 00405-013 Lift Car, 12~13m hr 0, 95 6, 8% 3.0% 54, 1% 45.9% 1, 180, 00 76.31 33, 48 1,011.22 607.02 1.121.00 589.42 1,893.58 Miscellaneous 1.00 30.0% 50. U% 736, 78 736.78 1, 473, 56 3.0% 18 30, 0% 40. 0% 50.0% 442.07 442.07 50, 592, 13 47,911.63 27, 596, 32 22, 995. 61 Total 786, 92 Components (%) 1.6% 94.7% 3.7% 54.5% 45, 5% 100.0% each 787, 84 47,919.08 1,893.87 27,600.61 22,999.39 58, 600, 00 Unit Rate

Miscellaneous covers the costs for ancillary devices, cable connection, nower recention, testing, etc.

# SPL 620(4)a Street Lighting Poles (single lamp)

							nit Rate					Amour	it			
Liem No.	Bescription	[Unit]	Quantity	L		aponent (			Total	<del>_</del> <del>_</del> _		Component (PP)			Total	Remarks
				<u>Lab</u>		Equip.		Local	<u>(PP)</u>	Labor	Material	Equipment	Foreign	Local	(PP)	
W0105	Excavation, Backhoe 0.61m3	m3	4. 33	4. 1%	8. 1%	87.2%	52.9%	47.1%	40, 90	7. 79	14. 88	154. 43	93.65	83, 45	177, 10	
W0111	Disposal of Surplus Soil (backhoe loading)	m3	0, 53			77.1%	51.5%	48. 5%	93, 00	4. 01	7.27	38. 00	25. 37	23, 92	49, 29	
W0135	Backfill, Manpower + Compactor	m3	3, 80		5, 6%	16, 3%	12.5%	87.5%	76, 40	226, 69	16, 40	47, 23	36. 32	254, 00	290, 32	
¥0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	0.70	2.4%	82, 3%	15.3%	56.9%	43.1%	1, 570, 00	26, 02	904.92	168.07	625, 29	473.71	1,099,00	Loss
W0232	Concrete Pouring by Pump Yehicle (reinforced concrete)	m3	0.69	£5.5%	0.2%	84, 3%	45. 2%	54.8%	257.00	27, 55	0.35	149, 43	80. 08	97. 25	177. 33	
W0237	Concrete Curing (reinforced concrete)	m3	0, 69	74.6%		17, 8%	14.0%	86.0%	4, 21	2, 16]	0. 22	0, 52	0.40	2, 50	2.90	
W0241	Formwork (reinforced concrete N<4m)	[m2]	4.35	59, 3%	39, 9%	D. 8%	2.9%	97.1%	224.00	577,68	389.07	7.64]	28, 43}	945, 97	974.40	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	95.60	15.2%	77.0%	7.8%	54. 0%	46, 0%	23, 30	338, 28	1, 715. 28	173. 92	1, 202, 73	1, 024, 75	2, 227. 48	
1.002	Foreman	and	0.29			0.0%	0, 0%		566, 80	164.14	0.00	0. 00	0,00	164, 14	164.14	
1.012	Electrician	md	0, 34				0.0%		421,00	113.14	0. 00	0, 00	0.00	[43, 14]	143.14	
1.020	Unskilled Labor	md	0.58				0.0%		314.00	182.12	0, 00	0.00	0.00	182, 12	182.12	
M13001	Street Lighting Fixture (110~400W)	each	1, 110				60.0%		7,920.00	0.00	7, 920, 00	0, 00	4, 752.00	3, 168, 00	7, 920, 00,	
M13011	Street Lighting Stabilizer	each	1,00		100, 0%		65.0%]		2,600.00	0.00	2,600.00	0, 00	1,690,00	910, 00	2,600,00	
M13021	Street Lighting Lamp	each	1,00	D, 0%	100.0%	0.0%	60, 0%	40,0%	1, 320. UB	0.00	1, 320, 00	0, 00	792.00	528, 00	1, 320, 00	
W1201	Street Lighting Pole (single lamp), furnished	each	1.00	10.4%	60, 1%	29.6%	56. 5%	43. 5%	16, 700, 00	1, 728, 95	10, 034. 02	4, 937, 02	9, 442. 86	7, 257, 14	16, 700, 00	
K0402-010	Truck Crane, Hydraulic 6-101	hr	1.54	15.2%	9.3%	75, 5%	47.0%	53, 0%	485.00	113, 53	69, 46	563. 91	351, 35	395, 55	746, 90	
Q0405-013	Lift Car, 12~13m	hr	0.95	6.8%		90.2%	54.1%	45, 9%	1, 180, 00	76. 31	33, 48	1,011,22	607.02	513, 98	1, 121, 00	
W1001	Underground Cable Duct	n	30.00	13.1%	68.3%	18.6%	47.1%	52.9%	360, 00	1, 413, 93	7, 381. 22	2,004.85	5, 485, 39	5,714.61	10, 800, 00	
	Miscellancous	1.5	1, 00	5.0%	60, 0%	35.0%	60.0%	50, 0%		70.04	840.51	490. 30	700.43	700, 43	1, 400, 85	3.0%
	Iotal	L								5, 102. 35	33, 247, 08	9, 746, 54	25, 513, 32	22, 582. 65	48, 095, 97	
	Components (%)					L				10, 6%	69.1%	20, 3%	53.0%	47.0%	100.0%	
<u> </u>	Unit Rate	cach		L	L					5, 102, 78	33, 249, 87	9, 747. 35	25, 515, 46	22, 584, 54	48, 100, 00	

Miscellaneous covers the cost for ancillary devices, cable connection, power reception, testing, etc.

Unit:

1.00 each

# SPL 620(4)b Street Lighting Poles (double\_lamp)

1,00 each

linit:

		[- · · - [					nit Rate					Amou	int			
Llen No.	Vescription	Unit	Quantity		Con	mponent			Total			Component (PP)			Total	Remarks
				Lab,	Mat.	Equip.	For.	Local	(99)	Labor	Material	Equipment	Foreige	Local	(PP)	
¥0105	Excavation, Backhoe 0.61m3	m3	4. 33	4.4%	8.4%	87.2%	52, 9%	47.1%	40, 90	7.79	14.88	154. 43	93.65	63, 45	177.10	
W0111	Disposal of Surplus Soil (backhoe loading)	m3	0, 53	8, 1%	14.8%	77. 1%	51, 5%	48, 5%	93, 00	4. O i	7.27	1 1	25. 37	23, 92	49. 29	
¥0135	Backfill, Manpower + Commactor	m 3	3, 80	78.1%	5.6%	16.3%	12.5%	87.5%	76. 40	226. 69	16.40	47. 23	36. 32	254.00	290, 32	
W0203	Concrete (Class A, 21MPa, max agg.38mm)	m3	0.70	2.4%	82, 3%	15, 3%	56.9%	43.1%	1, 570, 00	26, 02	904. 92	158, 07	625, 29	473, 71	1,099,00	Loss 2.0
W0232	Concrete Pouring by Pump Yehicle (reinforced concrete)	m3	0.69	15, 5%	0, 2%	84, 3%	45. 2%	54, 8%	257.00	27. 55	0. 35	149. 43	80. 08	97.25	177, 33	
¥0237	Concrete Curing (reinforced concrete)	m 3	Ö, 69	74.6%	7.6%	17.8%	11.0%	86.0%	4. 21	2, 16	0.22	0. 52	0, 40	2,50	2, 90	
¥0241	liormwork (reinforced concrete   <4m)	m2	4, 35	59, 3%	39, 9%	D. 8%	2.9%	97, 1%	224, 00	577.68	389, 07	7,64	28, 43	945, 97	974.40	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	95, 60	15. 2%	77, 0%	7.8%	54.0%	46, 0%	23, 30	338, 28	1, 715. 28	173, 92	1, 202. 73	ł, 824. 75	2, 227. 48	
1.002	Foreman	mot	0.41	100, 8%	0,0%	0,0%,	0.0%	100.0%	566, 00	232.06	0.00	0.00	0.00	232,06	232, 06	
L012	Electrician	] nnd ]	0, 49	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	206, 29	0, 80	8,00	0.00	206, 29	206, 29	
L020	linskilled Lahor	mrl	0.83	100, 0%	0, 0%	0.0%	0.0%	100.11%	314.00	260, 62	0, 00	0.00	0.00	260, 62	260, 62	
M13001	Street Lighting Fixture (110~400W)	each	2.00	0.0%	100.0%	0.0%	60.0%	40.0%	7, 920. 00	0.00	15, 840, 00	0, 00	9, 504, 00	6, 336, 00	15, 840, 00	
M13011	Street Lighting Stabilizer	each	1.00	0.0%	100.0%	0.0%	65.0%	35.0%	2, 600. 00	0.00	2,600.00	0, 00	1,690.00	910, 00	2,600.00	
M13021	Street Lighting Lamp	each	2.00	0, 11%	100, U%	D, O%	60, 0%	40.0%	1, 320, 00	0, 00	2, 640, 00	0, 00	1, 584, 00	1,056.00	2,640.00	
W1202	Street Lighting Pole (double lamp), furnished	daen	1,00	10, 1%	60, 8%	29, 1%	56. 8%	43, 2%	17, 300, 00	l, 745. 99	10, 518, 01	5, 036. 00	9, 830. 17	7, 469, 83	17, 300, 00	
R0402-010	Truck Crane, Hydraulic 6-10t	hr	2.34	15, 2%	9, 3%	75, 5%	47.0%	53.0%	485.00	172.50	105.55	856.85	533, 87	681, 03	1, 134, 90	
Q0405-013	Lift Car. 12~13m	hr	1.89	6. 9%	3.0%	90, 2%	54.1%	45.9%	1, 180, 00	151, 81	66, 60	2, 011, 79	1, 207, 65	1,022,55	2, 230, 20	
W1001	Underground Cable Duct	m	30, 00	13.1%	68.3%	18.6%	47, 1%	52, 9%	360, 00	l, 113, 93	7, 381. 22	2,004.85	5, 085. 39	5, 714, 61	10, 800, 00,	
	Miscellaneous	LS	1,00	5, 0%	60.0%	35.0%	50.0%	50.0%		87, 36	048, 35	611.54	873.63	873.63	1, 747, 26	3.0%
	Total									5, 480, 76	43, 248, 12		32 <u>, 400. 98</u>	27, 588, 17	59, 989, 15	
	Components (%)									9.1%	72. 1%		54.0%	46. 0%	100, 0%	
	Unit Rate	each								5, 481, 75	43, 255, 94	11, 262, 30	32, 40fi. 84	27, 593, 16	60,000.00	

Miscellaneous covers the cost for ancillary devices, cable connection, nower reception, testing, etc.

# SPL 620(4)c Bridge Lighting Poles (single lamp)

SPL 620(4)c	Bridge Lighting Poles (single lamp)												<u>Uni</u> t:	1. <u>00 c</u>	each	
						Ū	nit Rate	0				Алюц	it			
ltem No.	Description	Unit	Quantity		Coa	ponent	<u>(%)</u>		Tota			Com <u>pon</u> ent (PP)			Total	Remarks
				Lab.	Mai.	Equip.	For.	Local	(99)	l,abor	Material	<u>Equipment</u>	Foreign	Loca	(PP)	
1.002	Foreman	ind	0.29	100,0%	0, 0%	0.0%	0.0%	100.0%	566.00	164, 14	0, 00	8.00	0, 00]	164.14	164.14	
1.012	Electrician	md	0.34		0.0%	U. 0%	0,0%	100.0%	421.00	343.14	0.00	B. GO	0.00	143, 14	143.14	
	Unskilled Labor	md	0.58	100, 0%	0, 1%	0.0%		100.8%	314,00	182.12	0.00	0.00	0, 00	182. 12	182, 12	
M13001	Street Lighting Fixture (110~400W)	each	1,00	0,0%	100, 0%	0.0%	60, 0%	40.0%	7, 920. 00	0.00	7, 920, 80	U. QO	4, 752, 00	3, 168, 00	7, 920, 00	
M13011	Street Lighting Stabilizer	each	1.00	0.0%	100.0%	U, 0%	65. OX	35.1%	2, 600, 00	0, 00,	2, 600, 00	0.00	1,690.00	910.00	2, 600, 00	
M13021	Street Lighting Lamp	each	L. 00	0.0%	100.0%	D, 0%	60.0%	40.0%	1, 320, 00	0.00	1, 320, 00	0, 00	792, 00	528,00	1, 320, 00	
W1201	Street Lighting Pole (single lamp), furnished	each	1.00	10, 4%	60, 1%	29, 6%	56. 5%	43.5%	16, 700. 00	l, 728. 95	10, 034, 02	4, 937. 02	9, 442, 86	7, 257. 14	16, 700. 00	
R0402-005	Truck Crane, Hydraulic 2-5t	հո	1,54	17.9%	10, 9%	71.2%	45.7%	54.3%	412.00	113, 57	69, 16	451.75	290, 09	344. 39	634.48	
00405-009	Lift Car, 8~9m	hr	0.95	9, 7%	4, 0%	86.4%	52. fi%	47.4%	<i>\$26,00</i>	75.02	31.05	677.63	412.37	372, 33	784, 70	
W1011	Electric Cable Laying	m	30, 00	21,8%	76, 3%	1.9%	42.8%	57.2%	83. 80	548. 61	1,917.04	48, 35	1,076,13	1, 437, 97	2,514.00	
	Miscellancous	LS	1.00	5.0%	60.0%	35, 0%	50, 0%	50, 0%		49.44	593, 33	346, 11	494. 44		988, 88	3.0%
	Total									3,006.00	24, 484, 60	6, 460, 86	18, 949, 89	15,001.57	33, 951. 46	
	Components (%)									8, 9%	72.1%	19.0%	55.8%	44. 2%	100.0%	
	Unit Rate	each								3,010.30	24, 519. 61	6, 470, 09	18, 976, 98	15, 023, 02	34, 000, 00	

Niscellaneous covers the cost for fixing materials, ancillary devices, cable connection, nower reception, testing, etc.

L 620 (4) d	Street Lighting Service Pole with Panel												Unit:	<u>1,00 c</u>	ach	
							nit Rate					Алюцг	<u>it</u>			
ltem No.	Description	Unit	Quantity			ponent l			Total			Component (PP)			Total	Remarks
				Lab.		Eouip.	For.	Local	(99)	Labor	Material	guipment	Farcígn	Local	(99)	
W0105	Excavation, Backhoe 0.61m3	n3	8.82	4.4%	8.4%	87.2%	52.9%	47.1%	40.90	15.87	30. 30	314.57	190.75	169, 99	360.74	
WOILL	Disposal of Surplus Soil (backhoe loading)	m3	0.59	8.1%	14,8%	77.1%	51.5%	48. 5%	93.00	4, 47	8. 09	42, 31	28. 24	26, 63	54. <b>87</b>	
W0135	Backfill, Manpower + Compactor	m3	8, 23	78.1%	5.6%	16.3%	12.5%	87, 5%	76.40	490. 96	35, 52	102.29	78, 67	550.10	628.77	
W0203	Concrete (Class A, 21MPa, max agg. 38mm)	) ա3	1.17	2.4%	82.3%	15.3%	56.9%	43.1%	1, 570, 00	43. 48]	1, 512, 51	280, 91	1, 045, 13	791.77	1, 836. 90	Loss
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	1.15	15, 6%	0.2%	84.3%	45. 2%	54, 8%	257.00	45. 91	0. 58	249, 06	133. 47	162, 08	295.55	
¥0297	Concrete Curing (reinforced concrete)	m3	1.15	74, 6%	7.6%	17.8%	14.0%	86, O%	4. 21	3, 61;	0.37	0, 86	0. 68	4, 16	4.84	
₩0241	Formwork (reinforced concrete H(4m)	m2	10, 92	59, 3%	39.9%	0.8%	2, 9%	97.1%	224, 00	1, 450, 18	976, 71	19.18	71, 38	2, 374, 70	2,446,08	
W0251	Reinforcement Grade 40, cutting, bending & assembly	kg	75,80	15.2%	77.0%	7.8%	54.0%	46. 0%	23, 30	268. 22	1, 360, 02	137.90	953, 63	812. 51	1, 766, 14	
L002	Forenas	md	0, 12	100.0%		0,0%	0.0%	100.0%	566, 00	67. 92	0, 00	0.00	0,00	67, 92	67, 92	
1.012	Electrician	md	0.15	100,0%			0.0%	100, 0%	421, 00	63, 15	0.00	41, 00	0.00	63, 15	63.15	
L020	Nuskilled Labor	md	0.25	100.0%	0.0%	0.0%	D. 0%	100, 0%	314.00	78, 50	0,40	0.00	0, 00	78, 50	78, 50	
M10061	Lighting Panel for Street Lights	cach	1.00	0.0%	100.0%		55,0%		20, 300, 00	0.00	20, 300, 00	0.00	11, 165, 00	9, 135, 00	20, 300, 00	
M13160	Electric Service Meter	each	1.00	0.0%	100,0%		65.0%		3, 610, 00]	0, 00)	3, 610. 00	0.00]	2, 346. 50	1, 263, 50	3, 610, 00	
R0402-010	Truck Crane, Hydraulic 6-101	hr	0, 80	15.2%			47.0%	53, 0%	485, 00	58.98	36, 09	292. 94	182, 52	205, 48	388.00	
Q0405-013	Lift Car, 12~13m	hr	0.95	6.8%				45.9%	1, 180, 00	76. 31	33, 48	1, 011, 22	607.02	513, 98	1,121.00	
M13051	Electric Cable	n n	60.00	0.0%	100.0%		55.0%	45, 0%	62.30	0, 00	3, 738. 00	0, 00	2, 055, 90	1, 682, 10	3, 738, 00	
#1001	Underground Cable Duct	n n	30, 00	13, 1%			47, 1%	52.9%	360, 90	1, 413, 93	7, 381, 22	2, 004. 85	5, 085. 39	5, 714, 61	10, 800, 00	
	Miscellaneous	LS	<u>l, 00</u>	5.0%	50.0%	45.0%	50.0%	<u>50. 0%</u>		71.34	713.41	642, 07	713.41	713.41	1, 426, 81	<u> </u>
	Total	F								4, 152. 84	39, 736, 29	5, 098, 14	24, 657, 68	24, 329, 59	48, 987, 27	
·	Components (%)	L						~~		8. 5%	81.1%	10.4%	50.3%	49.7%	100.0%	
	Miscellancous covers the cost for ancilla	each								4, 153. 92	39, 746. 62	5, 199, 46	24, 664, 08	24, 335, 92	49,000.00	

N. Con (4) - Plusers and 11 being for the Lange of Column

SPL 620(4)e	Fluorescent Lighting for Underpass Cul	vert											<u>Unit</u> :	10.00	each	
				[		Ū	n <u>it R</u> ate					Атек	int			
Ltem No.	Description	Unit	Quantity		Cor	ponent (	(%)		Tatal			Component (PP)	· · · · · · · · · · · · · · · · · · ·		Tota]	Remarks
				Lab,	Mat,	Equip.	For.	Local	(PP)	lahar	Material	Equipment	Foreign	1.ocal	(PP)	
1.002	Foreman	md	0, 10	100.0%		0.0%	0.0%		566, 00	5fi. 60	0.00	. 0.00	0.00	56, 60	56.60	
L012	Electrician	md	0, 80	100.0%	0.0%	0. Q%	0.0%	100, 0%	421.00	336.80	0,00	0.00	H. 00	336, 80	336, 80	
L020	Unskilled Lahor	md	0.30	100,11%	0.0%	0.0%	0.0%	100, 0%	314.00	94. 20	0, 00	0.00	0.00	94, 20	94.20	
N13131	Ceiling Lamp, 40W 220V Fluerescent Lighting Fixtures, Box Type	each	10. 00	0.0%	100, 0%	0.0%	60. O%	40, 0%.	496. 00	0.00	4, 960, 00	0, 00	2, 976. 00	1, 984. 00	4, 960. 00	
M13151	One-way Wall Switch	each	2.00	0, 0%	100.0%	0, 0%	55.0%	45.0%	30, 50	0.00	61.00	D, 00	33. 55	27,45	61.00	
M13051	Electric Cable	m	54.00	0.0%	100,0%	0,0%	55.0%	45.0%	62.30	0, 00	3, 364, 20	0,00	1.850,31	1, 513, 89	3, 364, 20	
	Miscellaneous	LS	1.00	8.0%	45.0%	47.0%	40.0%	60, 0%		28.39	159.71	166, 81	141.96	212.95	354.91	4.0%
	Total			<u> </u>		_				515, 99	8, 544. 91	166, 81	5,001.82	4, 225, 89	9, 227, 71	
	Components (%)									5.6%	92. 5%	1.8%	54.2%	45, 8%		
	Unit Rato	each		Γ						51.61	854.70	Hi, 69	500.31	422.69	923, 00	

Miscellaneous covers the cost for minor tolls, ancillary devices, power reception, testing, etc.

# SPI. 620(5)a \_\_\_\_\_ Relocation of Street Lighting Poles (Single Lamp)

Unit 1, 00 cach

							'n <u>it Rat</u> e	2				Anos	un L			
ltem No.	Description	Unit	Quantity		Cot	ponent	(%)		Total			Component (PP)			Total	Remarks
	<u> </u>			Lah.	Mac,	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	()?P)	
W0013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0, 69	27, 3%	14. 7%	58, 0%	40, 9%		892, 00	168, 04		357, 20	251.92	363, 56	615.48	
W0025	Disposal of Demolished Debris	m3	0, 69	16,2%	12, 9%	70, 9%	46.9%	53, 1%	137.00	15.36	12. IB	66, 99	44, 31		94. 53	
W0105	Excavation, Backhoe 0.61m3	m3	4.33	4.1%	8. 1%	87.2%	52.9%	47.1%	40. 90	7, 79	14.88	154. 43	93.65	83, 45	177.10	1
W0111	Disposal of Surplus Soil (backhoe loading)	m3	0, 53	8,_1%	14,8%	77.1%	51, 5%	48, 5%	93, 00	4. 01		38, 00 <sub>1</sub>	25, 37	23, 92	49, 29	
W0135	Backfill, Manpower + Compactor	[ m3 ]	3.80	28.1%	5,6%	16, 3%	12, 5%	87.5%	76, 40	226, 69	16, 40	47.23	36, 32	254,00	290, 32	ļ
W0203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	0.70	2.4%	82.3%	15.3%	56.9%	43.1%	1, 570. 00	26.02	904.92	168.07	625. 29	473.71	1,099.00	Loss 2.0%
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	m3	0.69	15.5%	0.2%	84. 3%	45. 2%	51.8%	257.00	27. 55	0, 35	149. 43	80. 08	97, 25	177. 33	
W0237	Concrete Curing (reinforced concrete)	m3	0, 69	74.6%	7.6%	17.8%	11.0%	86.0%	4.21	2.16	0.22	0. 52	0.40	2, 50	2.90	
₩0241	Formwork (reinforced concrete H<9m)	m2	4, 35	59, 3%	39, 9%	0, 8%	2.9%	97.1%	224, 00	577, 68	389,07	7.64	28, 43	945.97	974, 40	
W0251	Reinforcement Grade 40, cutting, bending & assembly	, Kg	95, 60	15, 2%	77,0%	7.8%			23, 30	33H, 2R	í i	( 1	1, 202, 73		2, 227. 48	
L002	Foreman	md	u, 38		0.0%	D. 0%	0.0%	100,0%	566, 00	215.08	0. 08	0.00	0, 00	215, 08	215.08	
L012	Electrician	nud	0, 44	100.0%	0.0%	0.0%	0, 0%	S100, 0%	421.00	185. 24	Q. 00	0.00	0, 00	185, 24	185.24	
L020	Unskilled Labor	nd	0.75	100.0%	0.0%	8.0%)	0.0%	100.0%	314.00	235. 50		0, 00	II, 00	235, 50	235, 50	
R0402-010	Truck Crane, Hydraulic 6-10t	hr	1. 91	15.2%	9, 3%	75, 55)			485, 00	140, 81	86.15	699.39	435, 76	490, 59	926.35	Ì
Q8405-013	Lift Car, 12~13m	hr	0.95	6,⊎%,	3.0%	90, 2%	54.1%	45.9%	1,380.00	76.31	33. 48	1,011.22	607.02	513, 98	1, 121.00	1
#13051	Electric Cable	m	30.00	0.0%	100.0%	0.0%	55. O%	45, 0%	62.30	0.00	1, 869. 00		(, 027, 95		1,869,00	
	<u>M</u> iscellaneous	1.5	1,00	_10.8%	45.0%	45, 0%	50.0%	50, 0%		61, 56	277.02		307, 80		<u>615.6</u> 0	6.0%
	Total			_						2, 308. 08	5, 416, 46	3, 151. 05	4, 767, 05		10, 875, 60	
	Companents (%)									21, 2%	49.8%	29.0%	43.8%	56. 2%	100.0%	
	Unit Rate	each								2, 313. 26	5, 128. 62	3, 156. 12	4, 777, 74	6, 122. 26	10, 900, 00	

Miscellancous covers the cost for ancillary devices, cable connection, power reception, testing, etc.

# SPL 620(5)b Relocation of Street Lighting Poles (Dual Lamp)

	Relocation of Street Lighting Poles (Du		{			U	it Kate					ก่สอนก	ť			
ltem No.	Description	Unit	Quantity	_	Com	ponent f	%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat,	Equip.	For.	Local	(99)	Labor	Naterial	Equipment	Foreign	Local	(PP)	
WQ013	Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures)	m3	0, 69	27.3%	14, 7%	58, 0%	40, 9%		892.00	168. 04	90. 24	357.20	251, 92	363, 56	615, 48	
WQ025	Disposal of Hemolished Debris	m3	0, 69	16.2%	12, 9%	70, 9%	46.9%		137.00	15. 36	12.18	66. 99	44. 31	50, 22	94.53	
WO105	Excavation, Backhoe 0.61m3	т3	4. 33	4. 1%	8. 4%	87.2%	52.9%	47.1%	40, 90	7.79	14, 88	154.43	93, 65	83, 45	177.10	
WOILL	Disposal of Surplus Soil (backhoe loading)	m3	0, 53	8, 1%	14, 8%	77.1%	51.5%	18.5%	93. 00	1, 01	7, 27	38.00	25, 37	23, 92	49, 29	
W0135	Backfill, Manpower + Compactor	m3	3.80	78.1%	5.6%	16.3%			76.40	226, 69	16, 40	47.23	36, 32	254,00	290.32	
W0203	Concrete (Class A, 21MPa, max agg. 38mm)	m3	0.70	2, 4%	82, 3%	15, 3%	56, 9%	43.1%	1, 570, 00	26, 02	904. 92	168.07	625.29	473. 71	1,099.00	Loss 2
W0232	Concrete Pouring by Pump Vehicle (reinforced concrete)	mC	0, 69	15. 5%	0.2%	84.3%	45, 2%	54.8%	257, 00	27. 55	0.35	149. 43	80. 08	97, 25	177. 33	
W0237	Concrete Curing (reinforced concrete)	m3	0, 69	74.6%	7.6%	17.8%		86.0%	4.21	2.16	0. 22	0.52	0.40	2, 50	2.90	
W0241	Formwork (reinforced concrete (K<4m)	m2 1	4.35	59.3%	39.9%	0.8%	2.9%	97.1%	224.00	577.68	389.07	7, 64	28. 43	945.97	974.40	
WO251	Reinforcement Grade 40, cutting, bending & assembly	kg	95.60	15.2%	77.0%	7,8%	54.0%	16. 0%	23. 30	338, 28	1, 715. 28	173, 92	1, 202, 73	1, 024, 75	2, 227. 48	
1.002	Foreman	nd i	0.50	100.0%	0.0%	0,0%	0.0%	100.0%	566, 00	283, 00	D. 00	0, 00	0.00	283.00	283. (0)	
1.012	Electrician	nd	0.59	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	248.39	0.00	0, 00	0, 80	248, 39	248, 39	
L020	Unskilled Labor	moi j	1.00	100.0%	0.0%	0,0%	0.0%	100.0%	314,00	314.00	0, 00	U, OO	0.00	314.00	314.00	
R0402-010	Truck Crane, Hydraulic 6-10t	hri	1, 91	15.2%	9, 3%	75, 5%	47.0%	53, 0%	485.00	140.81	B6. 15	699, 39	435, 76	490, 59	926, 35	
Q0405-013	Lift Car, l2∼l3m	hr	0. 95	6.8%	3, 0%	90, 2%		15, 9%	1, 180, 00	76, 31	33, 48	1, 011, 22	607.02	513.98	1,121.00	
M13051	Electric Cable	m	30, 00	0,0%	100.0%	0.0%	55.0%	45.0%	62.30	0, 00	1, 869. 00	U. OO	1, 027, 95	841.05	1,869.00	
	Miscellancous	LS	1.00	10.0%	45, U%	45.0%	50, 0%	50,0%		62.82	282.68	282.68	314.09	<u>314. 09</u>	628, 17	6.0%
	Total									2, 518. 91	5, 422. 12	3, 156, 71	4, 773, 33	6, 324, 41	11, 097. 74	
	Commonents (%)									22, 7%	48, 9%		43.0%	<u>57. 0%</u>	100.0%	
	linit Rate	each								2, 519, 42	5, 423, 22	3, 157. 35]	4, 774, 30	6, 325, 70	11, 100, 00	

Miscellaneous covers the cost for ancillary devices, cable connection, power reception, testing, etc.

SPL 620(6)	Toll Gate Facilities												Ünit:	1.00	<u>. S.</u>	
						U	n <u>it Rat</u> e					Απου	nt			
Lem No.	Description	Unit	Quantity			nponent			Total			Component (PP)			Total	Remarks
				Lab.	Mat,	Equip.	for.	Local	<u>(PP)</u>	Labor	Material	Equipment	Foreign	Local	(PP)	
W3401	Toll Gate Canopy Structure with Catwalk & Stairways	m2	978, 10	7.0%	50.0%	43, 0%	55.0%	45.0%	3, 310, 00	226, 625, 77	1, 618, 755, 50	1, 392, 129, 73	1, 780, 631. 05	1, 456, 879, 95	3, 237, 511, 00	
W3402	Toll Islands with barriers, cable duct & trench, protection gate, etc.	m2	657, 00	12. 0%	44.0%	44.0%	45, 0%	55.0%	980, 08	77, 263. 20	283, 298, 40	283, 298. 40	289, 737, 00	354, 123, 60	643, 860, 00	
W3403	Administration Building with fixtures, equipment and furniture	m2	494, 60	10, 0%	50.0%	40, 0%	50, 0%	50.0%	6, 960, 00	344, 241. 60	1, 721, 208, 00	1, 376, 966, 40	1, 721, 208, 00	1, 721, 208. 00	3, 442, 416, 90	
W3404	Electrical Service Conter with fixtures, generator, and equipment	m2	46, 38	10.0%	54. 0%	36.0%	50, 0%	50.0%	5, 660. 00	26, 248, 25	141, 748, 55	94, 493. 70	131, 241, 25	131, 241, 25	262, 482, 50	
W3405	Mini Building with fixtures	(m2)	33, 25	10, 0%	54.0%	36.0%	50, 0%	58, 0%	5, 220. 00	17, 356, 50	93, 725, 10	62, 483, 40	86, 782, 50	86, 782, 50	173, 565, 00	
W3406	Water Tank System (deep well with clevated tank)	L. S.	1, 90	9.0%	54.0%	37.0%	55, VX	45, 0%	380, OUD, OO	34, 200. 00	205, 200, 00	140, 600. 00	209, 000, 00	17t, 080, 00	380, 000. 00	
¥3407	Toll Operation Equipment	L. S.	1,00	6.0%	75.0%	19.0%	80.0%	20.0%	78, 400, 000, 00	4, 704, 000, 00	58, 800, 000, 00	14, 896, 000, 00	62, 720, 000, 00	15, 680, 000, 00	78, 400, 000. 00	
	Miscellaneous	LS	1.00							0,00	0.00	0, 00	0,00	0.00	0,00	0.0%
	Total									5, 429, 935. 32	62, 863, 927. 55		66, 938, 599, 80	19,601,234.70	86, 539, 834, 50	
	Components (%)			\				1		6. 3%	72.6%	21, 1%	77.4%	22.5%	100.0%	
	Unit Hate	L. S.	L	L	L					5, 427, 435, 91	62, 834, 991, 13	[8, 237, 572, 96]	fi6, 907, 787. RO	19, 592, 212, 20	86, 500, 000, 00	

#### Part K Mobilization and Demobilization

#### SPL 800 Mobilization and Demobilization

SPL 800	Mobilization and Demobilization												Soit:	), <u>do</u> L	, S,	
						<u> </u>	njt Rate					Απουι	)t			
Item No.	Description	Unit	Quantity	I	Car	ponent	(%)		Total			Component (PP)			Total	Remarks
				<u>l.a</u> h.	Mat.	Equip.	For,	l.oca1	(PP)	Lebor	Material	Equipment	Foreign	Local	<u>(PP)</u>	
W2001	Heavy Equipment Assembly & Disassembly	LS	1.00	25.9%	7.9%	66.1%	40, 9%	59, 1%	85, 900, 00	22, 264, 87	6, 825, 55	56, 809, 58	35, 167, 21	50, 732, 79	85, 900. 00	
W2002	Transportation of Disassembled Equipment	I.S	1,00	4.7%	10.6%	84.6%	52,9%	47.1%	284, 000, 00	13, 442, 18	30, 198, 18	240, 359, 64]	150, 184, 74	133, 815, 26	284, 000, 00	
1 \#2003	Other Equipment & Materia) Haulage	LS	1.00	9,0%	15.4%	75.6%	51, 1%	48.9%	191,000.00	17, 182, 73	29, 453, 24	144, 364, 04	97, 517, 65	93, 482, 35	191,000.00	
W2004	Establishment of Temporary Sile Office & Yard	L.S	1.00	10, 0%	50,0%	40. 0%	45. 0%	55. 0%	1, 140, 000. 00	114,000.00	570, 000, 00	456, 000. 00	513,000.00	627, 000, 00	1, 140, 000, 00	
	Miscellaneous	1.S	1.00	10.0%	48.0%	42.0%	50, 0%	50.0%		51,027.00	244, 929, 60	214, 313, 40	255, 135, 00	255, 135, 00	510, 270, 00	30, 0%
	Total									217,916,78	881, 406. 56	1, 111, 846, 66	1,051,004,59	1, 160, 165, 41	2, 211, 170, 00	
	Components (%)			[	L					9.9%	39, 9%	50.3%	47.5%	52, 6%	100.0%	
	Unit Rate	L. S.								217,801.47	880, 940, 18	1, 111, 258, 35	1,050,448.47	1, 159, 551, 53	2,210,000,00	

Miscellaneous covers the cost for maintenance works, common temporary works, etc.

#### Part X Provisional Sum

### SPL 900(1) Provisional Sum for Traffic Management during Construction

SPL 900(1)	Provisional Sum for Traffic Management	during	Construction										_ Unit:	I. <u>00_</u> 1.	., S.	
						Ü	nit Rate	)				Amoun	1.			
ftem No.	Description	Unit	Quantity		Col	mponent.	(%)		Tota			Component (PP)			Total	Remarks
				l.ab.	Mat,	Equip,	For.	Local	(99)	Labor	Material	Equipment	Foreign	Local	(99)	
L002	Foreman	nd	4, 50	100,0%	0.0%	0.0%		100.0%	566.00	2, 547.00	0.00	0.00	0.00	2, 547, 00	2, 547.00	
1.020	Unskilled Labor	, md	120, 00	100.0%	0.0%	0.0%	0.0%	100,0%	314. BD	37, 680, 00	0.00	0, 00	0.00}	37, 680, 00	37, 680, 00	1
R0603-002	Pick-up truck 2.21	hr	67, 05	14.0%	10, 9%	75.1%	47.8%	52.2%	589, 00	5, 528, 94	4, 304. 68	29, 658, 83	18, 894.06	20, 598, 39	39, 192, 15	
	Miscellancous	LS	1.00	0, 0%	45, 0%	55.0%	50.0%	50.0%		0.00	717.48	876.91	797.19	797, 19	1, 594. 39	2.0%
	Total									45, 755, 94	5, 022, 15	30, 535, 74	19, 691, 25	61, 622. 58	81, 313, 84	
	Companents (%)									56, 3%	6.2%	37.6%	24.2%	75.8%	100.0%	
	Unit Rate	L. S.								45, 748. 16	5,021.30	30, 530, 55	19, 687, 90	61, 612, 10	81, 300, 00	
	Miscellaneous covers the costs for traf	fic con	es, barriers, s	igns, mj	hor tao	ls, etc.										
	Number of locations	=	1													
	Average Period per location	=	30	days												

Number of locations Average Period per location

# =

# SPL 900(2) \_\_\_\_ Provisional Sum for Relocation of Existing Utilities

						U	nit Rate					Alboun	1			
Item No.	Description	Unit	Quantity		Сол	ponent (	<u>%</u> )		Total			Component (PP)			Total	Remarks
		1 1		Lab,	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
	Relocation of Existing Lighting Poles	each	3.00	27.0%	22, 6%	50.4%	39.0%	61.0%	6,670.00	5, 403, 46	4, 524, 89	10,081.66	7, 794. 31	12, 215, 69	20, 010, 00	
W3502	Relocation of Underground Conduit	) n i	130.00	18.0%	24.7%	57.3%	44.7%	55.3%	443, 00	10, 376. 38	14, 202, 90	33, 010, 72]	25, 761, 60	31.828.40	57, 590, 00	)
	Relocation of Watermain	5	26, 00	5.1%	77. t%	17.8%	55.8%	14.2%	1, 460, 00	ι, 952, 95	29, 257, 66	6, 749. 49	21, 164, 40	16, 795, 60	37, 960, 00	
W3504	Relocation of Sewer Pipe	n I	52.00	16, 2%	47.2%	36.5%	48.2%	51.8%	3, 290, 00	27, 757. 31	80, 795, 31	62, 527, 38	82, 400. 66	88, 679, 34	171, 080, 00	
	Wiscellaneous	LS	1.00	30.0%	40.0%	30.0%	50.0%	50.0%		8, 599. 20	11, 465, 60	8, 599, 20	14, 332, 00	14, 332, 00	28, 664, 00	10.0%
	Total									54,089.30	140, 246, 26	120, 968, 44	151, 152, 97	163, 851, 03	315, 304.00	
	Components (%)									17.2%	44.5%	38, 4%	48.0%	52. 0%	100, 0%	
L	Unit Rate	L. S.								54, 037, 15	140, 111, 04	120, 851, 81	151, 306, 94	163, 693, 06,	315, 000, 00	

Miscellaneous covers the costs for compensation, extra works, etc.

Unit:

1. Q0 L. S.

#### SPL 900(3) Provisional Sum for Geotechnical Investigation

SPL 900(3)	Provisional Sum for Geotechnical Invest	igatio	n										<u>    l</u> íní t:	L. 00	l., S.	
							hit Rate				· · · · · · · · · · · · · · · · · · ·	- Amou	int			
ltem No.	Description	Unit	Quantity		Con	ponent	(%)		Total			Component (PP)			fotal	Kumarks
L		11		Lab,	Mat.	Equip,	For.	Local	(197)	Lahor	Material	Equipment	Foreign	Local	<u>(PP)</u>	
W1001	Soil Investigation Boring	п	560.00	18.0%	8.0%	74.0%	50.0%	50.0%	2, 950, 00	297, 360, 00	132, 160, 00	1, 222, 480, 00	826,000,00	826, 000, 00	1, 652, 060, 00	
¥4002	Soil Investigation Standard Penetration	each	560.00	25.0%	5, 0%	70.0%	50.0%	50.0%	1, 630. 00	228, 200, 00	45, 640, 00	638, 960, 00	456, 400, 00	456, 400, 80	912, 800, 00	
¥4003	Soil Investigation Laboratory Test	set	112.00	30. 0%	15.0%	55.0%	50.0%	50, 0%	18, 900, 00	635, 040, 00	317, 520, 00	1, 164, 240, 00	1, 058, 400, 00	1, 058, 400. 00	2, 116, 800, 00	
	Miscellaneous	1.5	1,00	10, 0%	10,0%	90. O%	30, 0%	70,0%		93, 632, 00	93, 632. 00	749, 056, (ID	280, 896, 00	655, 424, 80	936, 320.00	20.0%
	Total									1, 254, 232, 00	588, 952. 00	3, 774, 736, 00	2,621,696.00	2, 996, 224, 00	5, 617, 920, 00	
	Components (%)			_						22. 3%	10. 5%	67.2%	46. 7%	53. 3%	100.0%	
	Unit Rate	L. S.								1, 254, 696, 37	589, 170.06	3, 776, 133, 57	2, 622, 666, 67	2, 997, 333, 33	5, 620, 000, 00	

Miscellaneous covers the cost for mobilization, falseworks, reporting, overhead for the sub contractor, etc.

### SPL 900(4) Provisional Sum for Maintenance and Repair of Existing Access Road

SPL 90	<u>10 (4)</u>	Provisional Sum for Maintenance and Rep	bair of	Existing Acce	ss Road									Unit	1,00	L. S.	
							l	nit Rat	0				Amou	nt			
1 10	em No.	Description	Unit	Quantity		Co	mponent	(%)		Total			Component (PP)			Total	Kemarks
1					Lab.	Mat.	Equip.	For.	l.ocal	(PP)	Labor	Material	Equipment	Foreign	Loca l	(PP)	
	13511	Repair & Maintenance of Existing Access	[ m2 ]	6, 800, 00	20, 8%	16, 49	62, 8%	41.2%	58, 8%	75, 20	106, 543, 221	83, 854, 74	320, 962, 041	210, 665, 15	300, 694, 85	511, 360, 00	
· [ ·		Road				1		1	001,11,6		1001030.45		0401.004.01		546, 624, 67	171 11 11 11 10	
		Miscellaneous	LS	1.00							0.00	0, 00	0,60	0.00	0, 80	0,00	0,0%
		Total	1 1								106, 543, 22	83, 854, 74	320, 962, 04	210,665,15	300, 694, 85	511, 360.00	
		Components (%)									20.8%	16.4%	62.8%	41.2%	58.8%	100.0%	
		Unit Rate	1. S,								106, 468, 21	83, 795, 71	320, 736, 08	210, 516, 84	300, 483. 16	511,000.00	

### SPL 900(5) Provisional Sum for Environmental Compliance Requirements

SPL 900(5)	Provisional Sum for Environmental Comp	liance	Requirements										Unit:	1,00	L. S.	
						U	nit Rate	2				Атон	int			
Item No.	Description	Unit	Quantity		<u>Co</u>	mpohent	(%)		Tota)			Component (PP)			Total	Remarks
				Lab.	Nat,	Equip.	Гог.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
¥4101	Environmental Compliance	km	2, 60	50, 2%	49,0%	0,8%	0.8%	99, 2%	97, 700, 00	127, 475, 88	124, 551, 80]	1, 992, 31	1, 992, 31	252, 027, 69	254, 020, 00	
L	Miscellancous	LS	1.00	]						0.00	0.00	0.60	0.00	0.00	0.001	0.0%
	Total									127, 475. 88	(24, 551. 80)	(, 992, 3(	1, 992, 31	252, 027, 69	254, 020, 00	
	Components (%)									50, 2%	49, 0%	0, 8%	0.8%	99.2%	100.0%	
	Unit Rate	i. s.				{				127, 465, 85	124, 542.00	1, 992.16	1, 992, 16,	252, 007, 84	254, 000. 00	

# SPL 900(6) Provisional Sum for Health and Safety Requirements

SPL 9	900(6)	Provisional Sum for Health and Safety	Require	enents										- Unit:	1.00 L.	S	
							Į	nit Rate					Алюшп	L			
1 1	ltem No.	Description	linit	Quantity	(	<u>Co</u>	nponent	(%)		Total			Component (PP)		1	Total	Remarks
					Lab.	Mat.	Equip.	For.	Local	(PP)	l,abor	Material	Equipment	foreign	Loca	(PP)	
	#4111	Health and Safety Requirements	day	1, 080, 00	10.0%	55.0%	35.0%	40.0%	60.0%	674.00	72, 792, 00	400, 356, 80	254, 772, 00	291, 168, 00	436, 752, 00	727, 920, 00	
		Miscellaneous	LS	1.00							0.00	0, 00	0.00	0,00	0, 00	0.00	0.0%
		Total									72, 792, 00	400, 356.00	254, 772.00	291, 168.00	436, 752, 00	727, 920.00	
		Components (%)									(O, D%)	55, 0%	35.0%	40.0%	60.0%	100, 0%	
· [		Unit Kate	<u>I.S.</u>		I				_		72, 800, 00	400, 400, 00	254, 800, 00	291, 200. 00	436, 800, 00	728,000.00	

# Provisional Sum for Overseas Development Assistance (ODA) Recognition Plate SPL 900(7)

SPL 900(7)	Provisional Sum for Overseas Development	t Assi	stance (ODA) R	ecogniti	on Plat	te							Unit:	1.00 k	. S.	
						U	nit Rate	<u> </u>				Διπού	int			
Item No.	Description	Unit	Quantity		Cor	mponent	(%)		Total			Component (PP)			Total	Remarks
				Lab.	Mat.	Equip.	For.	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
₩4121	Overseas Development Assistance (ODA) Recognition Plate	each	2.00	1, 6%	96, 2%	2.1%	63, 1%	36. 9%	93, 600, 00	3, 300, 38	180, 018. 76	3, 880, 86	118, 081. 29	69, 118, 71	187, 200. 00	
	Miscellaneous	LS	1.00	30, 0%	40.0%	30.0%	50, 0%	50,0%		1, 123. 20	t <u>, 497. 60</u>	1, 123. 20	1, 872, 00	1, 872, 00	3, 744, 00	2.0%
	Total									4, 423, 58	181, 516, 36	5, 004, 06	119, 953, 29	70, 990, 71	190, 944. 00	
	Components (%)					1				2.3%	95. 1%	2.6%	62. 8%	37, 2%	100.0%	
	Unit Rate	L.S.				1		[]		4, 424, 88	181,569,60	5, 005, 53	119, 988, 47	71,011.53	19 <u>1, 000, 00</u>	

Miscellaneous covers the costs for maintenance, etc.

# 5PL 900(8) Provisional Sum for Contingency

<u>5PL 900(8)</u>	Provisional Sum for Contingency							_					Unit:	1.00 L	. S.	
				1		U	<u>nit Rate</u>	e				Алон	nt			
litem No.	Description	Unit	Quantity		Co	mponent	$\langle \mathbf{X} \rangle$	_	Total			Component (PP)			Total	Kemarks
				Lab.	Mat.	Equip,	For,	Local	(PP)	Labor	Material	Equipment	Foreign	Local	(PP)	
¥4201	Contingency	1. S.	L. 00	15.0%	45,0%	40, 0%	50, 0%	50,0%	500, 000, 00	75, 000, 00	225, 000, 00	200, 000, 00]	250, 000, 00	250,000,00	500, 000, 00	
	Miscellaneous	LS	L, 00							0.00	0.00	0, 00	0,00	0,001	0, 00	0.0%
	Total									75, 000, 00	225, 000, 00	200, 000, 00	250,000,00	250,000.00	500, 000, 00	
	Companents (%)			Ι						15.0%	45.0%	40.0%	50. 0%	50.0%	100.0%	
	Unit Rate	L. S.			·			L		75, 000, 00	225, 000.00	200,000,00	250, 000, 00	250,000,00	500, 000, 00	