7. Summary of Basic Costs

Currency Exchange Rate : 1 US$ = 52.28 PP = 120.12 yen

Item No.	Description	Unit	Unit Cost						Remarks	Equipment Operation (hr/day)
			Component (%)					Total (PP)		
			Labor	Material	Equipment	Foreign	Local			
	1. Labor Cost								cost index	
L002	Foreman	md	100.0%	0.0%	0.0%	0.0%	100.0%	566.00	1.80	
L003	Operator	md	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	1.34	
L004	Driver	md	100.0%	0.0%	0.0%	0.0%	100.0%	368.00	1.17	
L005	Carpenter	md	100.0%	0.0%	0.0%	0.0%	100.0%	444.00	1.41	
L006	Re-Bar Worker	md	100.0%	0.0%	0.0%	0.0%	100.0%	403.00	1.28	
L007	Masonry	md	100.0%	0.0%	0.0%	0.0%	100.0%	463.00	1.47	
L008	Blaster	md	100.0%	0.0%	0.0%	0.0%	100.0%	522.00	1.66	
L009	Welder	md	100.0%	0.0%	0.0%	0.0%	100.0%	500.00	1.59	
L010	Painter	md	100.0%	0.0%	0.0%	0.0%	100.0%	440.00	1.40	
L011	Mechanic	md	100.0%	0.0%	0.0%	0.0%	100.0%	444.00	1.41	
L012	Electrician	md	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	1.34	
L019	Skilled Labor	md	100.0%	0.0%	0.0%	0.0%	100.0%	403.00	1.28	
L020	Unskilled Labor	md	100.0%	0.0%	0.0%	0.0%	100.0%	314.00	1.00	
	2. Material Cost									
	2.01 Fuel									
M01005	Diesel Oil	ltr	0.0%	100.0%	0.0%	65.0%	35.0%	12.10		
M01006	Gasoline	ltr	0.0%	100.0%	0.0%	65.0%	35.0%	14.20		
M01007	Heavy Oil	ltr	0.0%	100.0%	0.0%	65.0%	35.0%	9.77		
M01008	Lubricant	ltr	0.0%	100.0%	0.0%	65.0%	35.0%	43.10		
M01009	Electric Supply	kWh	0.0%	100.0%	0.0%	50.0%	50.0%	4.00		
M01010	Water Supply	m3	0.0%	100.0%	0.0%	10.0%	90.0%	66.20		
M01015	Telecommunication Fare	min	0.0%	100.0%	0.0%	45.0%	55.0%	1.00		
M01020	Propane Gas	kg	0.0%	100.0%	0.0%	50.0%	50.0%	32.60		
	2.02 Steel									
M02001	Reinforcing Bars, Grade 40	kg	0.0%	100.0%	0.0%	65.0%	35.0%	16.00		
M02002	Reinforcing Bars, Grade 60	kg	0.0%	100.0%	0.0%	65.0%	35.0%	17.00		
M02011	Structural Steel (Round Bar、SS400)	kg	0.0%	100.0%	0.0%	70.0%	30.0%	21.80		
M02012	Structural Steel (Flat Bar, SS400)	kg	0.0%	100.0%	0.0%	70.0%	30.0%	22.70		
M02013	Structural Steel (H-Shape, SS400)	kg	0.0%	100.0%	0.0%	70.0%	30.0%	17.60		
M02014	Structural Steel (Shapes, SS400)	kg	0.0%	100.0%	0.0%	70.0%	30.0%	17.60		
M02015	Structural Steel (Plates, SS400)	kg	0.0%	100.0%	0.0%	70.0%	30.0%	20.20		
M02016	Structural Steel (Plates SMA400W)	kg	0.0%	100.0%	0.0%	75.0%	25.0%	39.00		
M02017	Structural Steel (Plates SMA490W)	kg	0.0%	100.0%	0.0%	75.0%	25.0%	45.00		
M02018	Structural Steel (Plates SMA570W)	kg	0.0%	100.0%	0.0%	75.0%	25.0%	62.50		
M02031	Steel Pipe	kg	0.0%	100.0%	0.0%	70.0%	30.0%	23.90		
M02041	Steel Sheet Pile	kg	0.0%	100.0%	0.0%	70.0%	30.0%	32.10		
M02061	Chain Link Wire Net	m2	0.0%	100.0%	0.0%	70.0%	30.0%	168.00		
M02062	Barbed Wire	m	0.0%	100.0%	0.0%	35.0%	65.0%	2.50		
M02071	High Tension Bolt M16	each	0.0%	100.0%	0.0%	70.0%	30.0%	18.50		
M02072	High Tension Bolt M20	each	0.0%	100.0%	0.0%	70.0%	30.0%	29.20		
M02073	High Tension Bolt M22	each	0.0%	100.0%	0.0%	70.0%	30.0%	42.20		
M02074	High Tension Bolt M24	each	0.0%	100.0%	0.0%	70.0%	30.0%	62.70		
M02301	Bolt M12x40	each	0.0%	100.0%	0.0%	70.0%	30.0%	4.18		
M02351	Bolt M16x50	each	0.0%	100.0%	0.0%	70.0%	30.0%	7.83		
M02359	Bolt M16x150	each	0.0%	100.0%	0.0%	70.0%	30.0%	18.70		
M02410	Bolt M20x140	each	0.0%	100.0%	0.0%	70.0%	30.0%	28.20		
M02501	Brass Plate	kg	0.0%	100.0%	0.0%	70.0%	30.0%	228.00		
M02511	Stainless Plate	kg	0.0%	100.0%	0.0%	70.0%	30.0%	135.00		
	2.03 Aggregate, Concrete									
M03001	Quarry Royalty (Borrow Soil)	m3	0.0%	100.0%	0.0%	0.0%	100.0%	15.00		
M03002	Quarry Royalty (Sand, Pebbles))	m3	0.0%	100.0%	0.0%	0.0%	100.0%	15.00		
M03003	Quarry Royalty (Aggregate)	m3	0.0%	100.0%	0.0%	0.0%	100.0%	15.00		
M03004	Quarry Royalty (Gravel/Stone)	m3	0.0%	100.0%	0.0%	0.0%	100.0%	15.00		
M03011	Portland Cement, ordinary	t	0.0%	100.0%	0.0%	60.0%	40.0%	3,375.00		
M03401	Admixture	kg	0.0%	100.0%	0.0%	70.0%	30.0%	118.00		
M03402	Non-shrink Admixture	kg	0.0%	100.0%	0.0%	70.0%	30.0%	392.00		
	2.04 Wood									
M04001	Lumber	m3	0.0%	100.0%	0.0%	10.0%	90.0%	14,800.00		
M04011	Plywood, 6x1200x2400	m2	0.0%	100.0%	0.0%	10.0%	90.0%	80.00		
	2.05 Temporary Material									
M05001	Formwork Lumber, use 4 times	m3	0.0%	100.0%	0.0%	5.0%	95.0%	3,700.00		
M05002	Formwork, Plywood 6x1200x2400, use 3 times	m2	0.0%	100.0%	0.0%	5.0%	95.0%	27.00		
M05031	Temporary Sheet Pile Depreciation	t·d	0.0%	100.0%	0.0%	50.0%	50.0%	33.30		
M05041	Temporary Steel Shapes Depreciation	t·d	0.0%	100.0%	0.0%	50.0%	50.0%	31.30		
M05051	Temporary Deck Plate Depreciation	m2·d	0.0%	100.0%	0.0%	50.0%	50.0%	11.10		
M05055	Temporary Pipe Railing Depreciation	m·d	0.0%	100.0%	0.0%	50.0%	50.0%	1.33		
M05061	Temporary Frame Support (Portal 914x1700)	day	0.0%	100.0%	0.0%	50.0%	50.0%	1.53		
M05062	Temporary Frame Support (Portal 1219x1700)	day	0.0%	100.0%	0.0%	50.0%	50.0%	1.65		
M05063	Temporary Frame Support (Portal 1219x1829)	day	0.0%	100.0%	0.0%	50.0%	50.0%	2.31		
M05064	Temporary Frame Support (bracing 914 x 1219)	day	0.0%	100.0%	0.0%	50.0%	50.0%	0.59		
M05065	Temporary Frame Support (bracing 1219 x 1219)	day	0.0%	100.0%	0.0%	50.0%	50.0%	0.59		

Item No.	Description	Unit	Unit Cost						Remarks	Equipment Operation (hr/day)
			Component (%)					Total (PP)		
			Labor	Material	Equipment	Foreign	Local			
M05066	Temporary Frame Support (bracing 1829 x 1219)	day	0.0%	100.0%	0.0%	50.0%	50.0%	0.59		
	2.06 Paint & Adhesive									
M06001	Etching Primer for Steel	kg	0.0%	100.0%	0.0%	65.0%	35.0%	274.00		
M06003	Zinc Rich Primer for Steel	kg	0.0%	100.0%	0.0%	65.0%	35.0%	374.00		
M06011	Rustproof Lead Paint for Steel	kg	0.0%	100.0%	0.0%	65.0%	35.0%	209.00		
M06020	Silicon Alkyd Resin Paint for Steel	kg	0.0%	100.0%	0.0%	65.0%	35.0%	250.00		
M06021	Phenol Resin Paint for Steel	kg	0.0%	100.0%	0.0%	65.0%	35.0%	272.00		
M06022	Epoxy Resin Paint for Steel	kg	0.0%	100.0%	0.0%	65.0%	35.0%	496.00		
M06031	Emulsion Paint	kg	0.0%	100.0%	0.0%	65.0%	35.0%	79.30		
M06032	Polyvinyl Enamel Paint	kg	0.0%	100.0%	0.0%	65.0%	35.0%	79.30		
M06041	Road marking paint (White, solution type with glass beads 15~18%)	kg	0.0%	100.0%	0.0%	65.0%	35.0%	62.70		
M06042	Road marking paint (Yellow, solution type with glass beads 15~18%)	kg	0.0%	100.0%	0.0%	65.0%	35.0%	64.60		
	2.07 Road Material									
M07011	Prime Coat	t	0.0%	100.0%	0.0%	65.0%	35.0%	22,635.00		
M07012	Tack Coat	t	0.0%	100.0%	0.0%	65.0%	35.0%	22,635.00		
M07021	Asphalt Mixture	t	0.0%	100.0%	0.0%	65.0%	35.0%	2,500.00		
M07051	Rubberized Asphalt Agent	kg	0.0%	100.0%	0.0%	65.0%	35.0%	24.40		
M07052	Rubberized Asphalt	kg	0.0%	100.0%	0.0%	65.0%	35.0%	18.70		
M07101	Joint Filler (bituminous t=10mm)	m2	0.0%	100.0%	0.0%	60.0%	40.0%	286.00		
M07102	Joint Filler (bituminous t=12mm)	m2	0.0%	100.0%	0.0%	60.0%	40.0%	343.00		
M07103	Joint Filler (bituminous t=18mm)	m2	0.0%	100.0%	0.0%	60.0%	40.0%	514.00		
M07104	Joint Filler (bituminous t=20mm)	m2	0.0%	100.0%	0.0%	60.0%	40.0%	571.00		
M07107	Joint Filler (rubber foam t=20mm)	m2	0.0%	100.0%	0.0%	60.0%	40.0%	1,500.00		
M07111	Joint Sealant (10x10mm)	m	0.0%	100.0%	0.0%	60.0%	40.0%	62.70		
M07112	Joint Sealant (12x12mm)	m	0.0%	100.0%	0.0%	60.0%	40.0%	75.20		
M07113	Joint Sealant (18x18mm)	m	0.0%	100.0%	0.0%	60.0%	40.0%	103.00		
M07114	Joint Sealant (20x20mm)	m	0.0%	100.0%	0.0%	60.0%	40.0%	115.00		
M07117	Joint Sealant (liquid type)	kg	0.0%	100.0%	0.0%	60.0%	40.0%	96.20		
M07201	Traffic Sign Board (aluminum)	m2	0.0%	100.0%	0.0%	65.0%	35.0%	13,800.00		
M07271	Pedestrian Signal Lights (2 lamps)	set	0.0%	100.0%	0.0%	55.0%	45.0%	47,400.00		
M07272	Traffic Signal Lights (3 lamps)	set	0.0%	100.0%	0.0%	55.0%	45.0%	99,900.00		
M07273	Traffic Signal Lights (6 lamps)	set	0.0%	100.0%	0.0%	55.0%	45.0%	186,000.00		
M07401	Reflectorized Pavement Stud (one side reflective)	each	0.0%	100.0%	0.0%	60.0%	40.0%	717.00		
M07402	Reflectorized Pavement Stud (two sides reflective)	each	0.0%	100.0%	0.0%	60.0%	40.0%	776.00		
M07405	Chatter Bar	each	0.0%	100.0%	0.0%	60.0%	40.0%	1,740.00		
M07501	Delineator, Type A (ground standing type)	each	0.0%	100.0%	0.0%	60.0%	40.0%	1,450.00		
M07502	Delineator, Type B (on concrete)	each	0.0%	100.0%	0.0%	60.0%	40.0%	1,360.00		
M07503	Delineator, Type C (on guardrail)	each	0.0%	100.0%	0.0%	60.0%	40.0%	564.00		
M07601	Road Curve Mirror φ600	each	0.0%	100.0%	0.0%	60.0%	40.0%	11,000.00		
M07701	Removable Traffic Barrier	each	0.0%	100.0%	0.0%	50.0%	50.0%	627.00		
	2.08 Water Supply & Drainage Material									
M08301	PVC Pipe, φ40	m	0.0%	100.0%	0.0%	50.0%	50.0%	46.70		
M08302	PVC Pipe, φ50	m	0.0%	100.0%	0.0%	50.0%	50.0%	66.70		
M08303	PVC Pipe, φ65	m	0.0%	100.0%	0.0%	50.0%	50.0%	93.00		
M08304	PVC Pipe, φ75	m	0.0%	100.0%	0.0%	50.0%	50.0%	183.00		
M08310	PVC Pipe, φ100	m	0.0%	100.0%	0.0%	50.0%	50.0%	200.00		
M08315	PVC Pipe, φ150	m	0.0%	100.0%	0.0%	50.0%	50.0%	432.00		
M08320	PVC Pipe, φ200	m	0.0%	100.0%	0.0%	50.0%	50.0%	713.00		
M08700	Steel Gas Pipe, φ20	m	0.0%	100.0%	0.0%	60.0%	40.0%	76.70		
M08701	Steel Gas Pipe, φ25	m	0.0%	100.0%	0.0%	60.0%	40.0%	117.00		
M08702	Steel Gas Pipe, φ32	m	0.0%	100.0%	0.0%	60.0%	40.0%	142.00		
M08703	Steel Gas Pipe, φ40	m	0.0%	100.0%	0.0%	60.0%	40.0%	167.00		
M08704	Steel Gas Pipe, φ50	m	0.0%	100.0%	0.0%	60.0%	40.0%	217.00		
M08705	Steel Gas Pipe, φ65	m	0.0%	100.0%	0.0%	60.0%	40.0%	251.00		
M08706	Steel Gas Pipe, φ80	m	0.0%	100.0%	0.0%	60.0%	40.0%	294.00		
M08707	Steel Gas Pipe, φ100	m	0.0%	100.0%	0.0%	60.0%	40.0%	410.00		
M08708	Steel Gas Pipe, φ125	m	0.0%	100.0%	0.0%	60.0%	40.0%	503.00		
M08709	Steel Gas Pipe, φ150	m	0.0%	100.0%	0.0%	60.0%	40.0%	707.00		
M08710	Steel Gas Pipe, φ200	m	0.0%	100.0%	0.0%	60.0%	40.0%	1,080.00		
	2.09 Bridge, River, Marine Material									
M09001	Laminated Elastomeric Bearing Pad (400x300x50mm)	each	0.0%	100.0%	0.0%	65.0%	35.0%	11,000.00		
M09002	Laminated Elastomeric Bearing Pad (600x300x50mm)	each	0.0%	100.0%	0.0%	65.0%	35.0%	15,800.00		
M09003	Laminated Elastomeric Bearing Pad (600x350x50mm)	each	0.0%	100.0%	0.0%	65.0%	35.0%	18,400.00		
M09004	Laminated Elastomeric Bearing Pad (600x700x89mm)	each	0.0%	100.0%	0.0%	65.0%	35.0%	66,600.00		
M09005	Laminated Elastomeric Bearing Pad (600x400x50mm)	each	0.0%	100.0%	0.0%	65.0%	35.0%	25,300.00		
M09006	Laminated Elastomeric Bearing Pad (450x300x60mm)	each	0.0%	100.0%	0.0%	65.0%	35.0%	14,200.00		
M09007	Laminated Elastomeric Bearing Pad (550x300x50mm)	each	0.0%	100.0%	0.0%	65.0%	35.0%	14,500.00		
M09008	Laminated Elastomeric Bearing Pad (500x400x60mm)	each	0.0%	100.0%	0.0%	65.0%	35.0%	21,100.00		
M09011	Elastomeric Pad (t=25mm)	m2	0.0%	100.0%	0.0%	65.0%	35.0%	12,800.00		

Item No.	Description	Unit	Unit Cost						Remarks	Equipment Operation (hr/day)
			Component (%)					Total (PP)		
			Labor	Material	Equipment	Foreign	Local			
M09012	Elastomeric Pad (t=40mm)	m2	0.0%	100.0%	0.0%	65.0%	35.0%	20,500.00		
M09013	Elastomeric Pad (t=50mm)	m2	0.0%	100.0%	0.0%	65.0%	35.0%	25,700.00		
M09104	Bearing Shoe (rubber enclosed type), 250t	each	0.0%	100.0%	0.0%	70.0%	30.0%	291,000.00		
M09106	Bearing Shoe (rubber enclosed type), 650t	each	0.0%	100.0%	0.0%	70.0%	30.0%	764,000.00		
M09108	Bearing Shoe (rubber enclosed type), 650t	each	0.0%	100.0%	0.0%	70.0%	30.0%	764,000.00		
M09197	Expansion Joint, Multiflex 35	m	0.0%	100.0%	0.0%	65.0%	35.0%	21,700.00		
M09198	Expansion Joint, Multiflex 50	m	0.0%	100.0%	0.0%	65.0%	35.0%	39,200.00		
M09199	Expansion Joint, Multiflex 70	m	0.0%	100.0%	0.0%	65.0%	35.0%	56,400.00		
M09200	Expansion Joint, Multiflex 80	m	0.0%	100.0%	0.0%	65.0%	35.0%	64,600.00		
M09201	Expansion Joint, Multiflex 100	m	0.0%	100.0%	0.0%	65.0%	35.0%	74,400.00		
M09202	Expansion Joint, Multiflex 140	m	0.0%	100.0%	0.0%	65.0%	35.0%	93,800.00		
M09203	Expansion Joint, Multiflex 160	m	0.0%	100.0%	0.0%	65.0%	35.0%	107,000.00		
M09204	Expansion Joint, Multiflex 200	m	0.0%	100.0%	0.0%	65.0%	35.0%	122,000.00		
M09205	Expansion Joint, Multiflex 230	m	0.0%	100.0%	0.0%	65.0%	35.0%	141,000.00		
M09206	Expansion Joint, Multiflex 330	m	0.0%	100.0%	0.0%	65.0%	35.0%	250,000.00		
M09305	PC Strand, T12.4	kg	0.0%	100.0%	0.0%	70.0%	30.0%	110.00		
M09306	PC Strand, T12.7	kg	0.0%	100.0%	0.0%	70.0%	30.0%	113.00		
M09307	PC Strand, T15.2	kg	0.0%	100.0%	0.0%	70.0%	30.0%	119.00		
M09313	PC Tendon, φ32	kg	0.0%	100.0%	0.0%	70.0%	30.0%	136.00		
M09322	PC Sheath, φ28	m	0.0%	100.0%	0.0%	65.0%	35.0%	52.20		
M09331	PC Sheath, φ60	m	0.0%	100.0%	0.0%	65.0%	35.0%	115.00		
M09332	PC Sheath, φ65	m	0.0%	100.0%	0.0%	65.0%	35.0%	123.00		
M09333	PC Sheath, φ70	m	0.0%	100.0%	0.0%	65.0%	35.0%	134.00		
M09334	PC Sheath, φ75	m	0.0%	100.0%	0.0%	65.0%	35.0%	150.00		
M09344	PC Anchorage, 110,130t 7T13M (T)	set	0.0%	100.0%	0.0%	75.0%	25.0%	5,030.00		
M09345	PC Anchorage, 130,150t 8T13M (T)	set	0.0%	100.0%	0.0%	75.0%	25.0%	5,790.00		
M09346	PC Anchorage 195,225t 12T13M (T)	set	0.0%	100.0%	0.0%	75.0%	25.0%	8,040.00		
M09348	PC Anchorage 30t 1T15.2 (T)	set	0.0%	100.0%	0.0%	75.0%	25.0%	828.00		
M09354	PC Anchorage φ32 (T)	set	0.0%	100.0%	0.0%	75.0%	25.0%	1,250.00		
M09364	PC Anchorage 110,130t 7T13E (F)	set	0.0%	100.0%	0.0%	75.0%	25.0%	7,330.00		
M09365	PC Anchorage 130,150t 8T13E (F)	set	0.0%	100.0%	0.0%	75.0%	25.0%	7,950.00		
M09366	PC Anchorage 195,225t 12T13E (F)	set	0.0%	100.0%	0.0%	75.0%	25.0%	10,600.00		
M09368	PC Anchorage 30t 1T15.2 (F)	set	0.0%	100.0%	0.0%	75.0%	25.0%	1,070.00		
M09374	PC Anchorage φ32 (F)	set	0.0%	100.0%	0.0%	75.0%	25.0%	1,520.00		
M09602	Gabion Cage 500x1000x2000	each	0.0%	100.0%	0.0%	30.0%	70.0%	710.00		
M09605	Gabion Mat Cage H=300mm	m2	0.0%	100.0%	0.0%	30.0%	70.0%	617.00		
	2.10 Common Material									
M10201	Waterproofing sheet	m2	0.0%	100.0%	0.0%	60.0%	40.0%	460.00		
M10202	Filter Cloth	m2	0.0%	100.0%	0.0%	60.0%	40.0%	82.30		
M10211	Waterstop	m	0.0%	100.0%	0.0%	60.0%	40.0%	282.00		
M10301	Styrofoam	m3	0.0%	100.0%	0.0%	60.0%	40.0%	5,180.00		
	2.11 Landscaping Material									
M11001	Tree H=0.5m	each	0.0%	100.0%	0.0%	7.0%	93.0%	110.00		
M11002	Tree H=1m	each	0.0%	100.0%	0.0%	7.0%	93.0%	215.00		
M11003	Tree H=1.5m	each	0.0%	100.0%	0.0%	7.0%	93.0%	503.00		
M11004	Tree H=2m	each	0.0%	100.0%	0.0%	7.0%	93.0%	838.00		
M11005	Tree H=2.5m	each	0.0%	100.0%	0.0%	7.0%	93.0%	1,270.00		
M11006	Tree H=3m	each	0.0%	100.0%	0.0%	7.0%	93.0%	2,630.00		
M11111	Sod	m2	0.0%	100.0%	0.0%	7.0%	93.0%	29.40		
	2.12 Architectural Material									
M12001	Brick 2"x4"x8" (50x100x200mm)	each	0.0%	100.0%	0.0%	15.0%	85.0%	5.50		
M12011	Concrete Hollow Block (load bearing) 4"x8"x16" (100x200x400mm)	each	0.0%	100.0%	0.0%	25.0%	75.0%	10.00		
M12012	Concrete Hollow Block (load bearing) 6"x8"x16" (150x200x400mm)	each	0.0%	100.0%	0.0%	25.0%	75.0%	12.00		
M12013	Concrete Hollow Block (non load) 4"x8"x16" (100x200x400mm)	each	0.0%	100.0%	0.0%	25.0%	75.0%	6.50		
M12014	Concrete Hollow Block (non load) 6"x8"x16" (150x200x400mm)	each	0.0%	100.0%	0.0%	25.0%	75.0%	7.50		
M12051	Unglazed Tile 200x200m	each	0.0%	100.0%	0.0%	40.0%	60.0%	21.20		
M12101	Chain Link Fence Fabric	m	0.0%	100.0%	0.0%	50.0%	50.0%	1,460.00		
M12111	Galvanized Iron Sheet, colored	m2	0.0%	100.0%	0.0%	60.0%	40.0%	118.00		
M12112	Corrugated Galvanized Iron Sheet, colored	m2	0.0%	100.0%	0.0%	60.0%	40.0%	122.00		
M12211	Insulation, Grasswool	m2	0.0%	100.0%	0.0%	55.0%	45.0%	57.00		
M12221	Gypsum Board Ceiling	m2	0.0%	100.0%	0.0%	55.0%	45.0%	137.00		
M12251	Steel Door with Steel Panels 900x2100mm	each	0.0%	100.0%	0.0%	45.0%	55.0%	5,530.00		
M12252	Flush Type Hollow Core Door with 6mm thick ordinary plywood 800x2100mm	each	0.0%	100.0%	0.0%	20.0%	80.0%	2,500.00		
M12253	Flush Type Hollow Core Door with 6mm thick marine plywood 600x2100mm	each	0.0%	100.0%	0.0%	20.0%	80.0%	1,870.00		
M12261	Jalousie Window with Steel Blades 2100x1500mm	each	0.0%	100.0%	0.0%	45.0%	55.0%	6,750.00		
M12262	Jalousie Window with Steel Blades 3900x1500mm	each	0.0%	100.0%	0.0%	45.0%	55.0%	12,500.00		
M12263	Jalousie Window with Steel Blades 1400x900	each	0.0%	100.0%	0.0%	45.0%	55.0%	2,640.00		
M12264	Jalousie Window with Steel Blades 820x250	each	0.0%	100.0%	0.0%	45.0%	55.0%	458.00		
M12271	Floor Drain	each	0.0%	100.0%	0.0%	45.0%	55.0%	266.00		
M12272	Urinal	each	0.0%	100.0%	0.0%	55.0%	45.0%	2,310.00		

Item No.	Description	Unit	Unit Cost						Remarks	Equipment Operation (hr/day)
			Component (%)					Total (PP)		
			Labor	Material	Equipment	Foreign	Local			
M12273	Toilet Stool	each	0.0%	100.0%	0.0%	55.0%	45.0%	5,110.00		
M12274	Lavatory Wash Basin	each	0.0%	100.0%	0.0%	55.0%	45.0%	2,920.00		
M12275	Shower	each	0.0%	100.0%	0.0%	50.0%	50.0%	2,120.00		
M12276	Shower Drain	each	0.0%	100.0%	0.0%	45.0%	55.0%	343.00		
M12277	Clean Out	each	0.0%	100.0%	0.0%	45.0%	55.0%	319.00		
M12278	Sink (1 basin with table)	each	0.0%	100.0%	0.0%	45.0%	55.0%	6,230.00		
M12279	Kitchen Sink (1 basin + flat with table)	each	0.0%	100.0%	0.0%	45.0%	55.0%	9,010.00		
	2.13 Electrical Material									
M13001	Street Lighting Fixture (110~400W)	each	0.0%	100.0%	0.0%	60.0%	40.0%	7,920.00		
M13011	Street Lighting Stabilizer	each	0.0%	100.0%	0.0%	65.0%	35.0%	2,600.00		
M13021	Street Lighting Lamp	each	0.0%	100.0%	0.0%	60.0%	40.0%	1,320.00		
M13051	Electric Cable	m	0.0%	100.0%	0.0%	55.0%	45.0%	62.30		
M13052	Electric Conduit	m	0.0%	100.0%	0.0%	45.0%	55.0%	67.90		
M13061	Lighting Panel for Street Lights	each	0.0%	100.0%	0.0%	55.0%	45.0%	20,300.00		
M13071	Electric Service Meter for Street Lighting	each	0.0%	100.0%	0.0%	65.0%	35.0%	3,800.00		
M13131	Ceiling Lamp, 40W 220V Fluorescent Lighting Fixtures, Box Type	each	0.0%	100.0%	0.0%	60.0%	40.0%	496.00		
M13141	Ceiling Lamp, SL-18 with Hexless Type, Medium Base Porcelain Receptacle	each	0.0%	100.0%	0.0%	60.0%	40.0%	172.00		
M13151	One-way Wall Switch	each	0.0%	100.0%	0.0%	55.0%	45.0%	30.50		
M13152	2 One-way Wall Switches on one Gang Plate	each	0.0%	100.0%	0.0%	55.0%	45.0%	80.50		
M13153	3 One-way Wall Switches on one Gang Plate	each	0.0%	100.0%	0.0%	55.0%	45.0%	103.00		
M13154	Duplex Convenience Outlet, Grounding Type	each	0.0%	100.0%	0.0%	55.0%	45.0%	80.50		
M13155	Heavy Duty Convenience Outlets, Single Grounding Type	each	0.0%	100.0%	0.0%	55.0%	45.0%	129.00		
M13156	Air Conditioning Outlet Grounding Type with Automatic Circuit Breaker in One Enclosure	each	0.0%	100.0%	0.0%	55.0%	45.0%	694.00		
M13157	Enclosed Automatic Circuit Breaker	each	0.0%	100.0%	0.0%	65.0%	35.0%	8,190.00		
M13158	Distribution Panel Board	each	0.0%	100.0%	0.0%	60.0%	40.0%	12,100.00		
M13159	Pull Box or Junction Box	each	0.0%	100.0%	0.0%	60.0%	40.0%	1,040.00		
M13160	Electric Service Meter	each	0.0%	100.0%	0.0%	65.0%	35.0%	3,610.00		
M13161	Concealed or Embedded Conduit Run	m	0.0%	100.0%	0.0%	50.0%	50.0%	7.52		
M13162	Underground or Underfloor Conduit Run	m	0.0%	100.0%	0.0%	50.0%	50.0%	34.00		
M13163	Perimeter Lighting, 160W 220V Mercury Lamp	each	0.0%	100.0%	0.0%	60.0%	40.0%	909.00		
M13164	Galvanized Steel Lighting Post H=3.5m	each	0.0%	100.0%	0.0%	60.0%	40.0%	4,670.00		
M13165	Underground or Underfloor Conduit Run	m	0.0%	100.0%	0.0%	60.0%	40.0%	58.40		
	2.15 Other Materials									
M15101	Film ASA 400 x 36	each	0.0%	100.0%	0.0%	70.0%	30.0%	169.00		
M15102	Film Development	each	0.0%	100.0%	0.0%	15.0%	85.0%	45.00		
M15103	Picture Prints	each	0.0%	100.0%	0.0%	15.0%	85.0%	6.00		
	3. Equipment Operation (Depreciation) Cost									
	3.01 Excavation Equipment									
Q0101-015	Bulldozer, 15t	hr	3.2%	9.1%	87.7%	51.6%	48.4%	2,500.00		5.27
Q0101-021	Bulldozer, 21t	hr	1.8%	9.7%	88.6%	53.2%	46.8%	3,580.00		6.58
Q0105-010	Backhoe, hydraulic, crawler, 0.1m3	day	8.5%	5.7%	85.7%	54.1%	45.9%	4,950.00		5.00
Q0105-035	Backhoe, hydraulic, crawler, 0.35m3	hr	6.2%	11.2%	82.6%	55.0%	45.0%	1,220.00		5.47
Q0105-060	Backhoe, hydraulic, crawler, 0.60m3	hr	3.7%	11.6%	84.8%	56.5%	43.5%	2,050.00		5.47
Q0106-004	Clamshell, crawler, 0.3m3	hr	5.1%	6.9%	87.9%	54.9%	45.1%	1,310.00		6.25
Q0106-006	Clamshell, crawler, 0.6m3	hr	2.9%	8.3%	88.8%	56.3%	43.7%	2,330.00		6.25
Q0106-008	Clamshell, crawler, 0.6m3 Deep	hr	2.6%	7.8%	89.6%	56.6%	43.4%	2,470.00		6.58
Q0107-034	Tractor Shovel, wheel, 0.34m3	hr	14.0%	6.0%	80.0%	46.1%	53.9%	663.00		4.50
Q0107-080	Tractor Shovel, wheel, 0.8m3	hr	9.6%	8.3%	82.2%	48.7%	51.3%	966.00		4.50
Q0107-120	Tractor Shovel, wheel, 1.2m3	hr	7.4%	9.4%	83.2%	50.0%	50.0%	1,250.00		4.50
	3.02 Demolition Equipment									
Q0201-080	Giant Breaker, hydraulic, 600~800kg + Backhoe, hydraulic, crawler, 0.60m3	hr	2.7%	8.3%	89.0%	58.8%	41.2%	2,850.00	with backhoe	0.00
Q0201-130	Giant Breaker, hydraulic, 1300kg + Backhoe, hydraulic, crawler, 0.60m3	hr	2.2%	7.0%	90.8%	59.7%	40.3%	3,400.00	with backhoe	0.00
Q0202-018	Crawler Drill, 180kg	hr	0.0%	0.0%	100.0%	58.1%	41.9%	6,420.00	Depreciation	5.00
Q0203-100	Concrete Crusher, 56~100t + Backhoe, hydraulic, crawler, 0.60m3	hr	2.2%	6.8%	91.1%	60.8%	39.2%	3,500.00	with backhoe	0.00
Q0204-020	Concrete Breaker, 20kg	day	0.0%	0.0%	100.0%	67.0%	33.0%	63.50	Depreciation	0.00
Q0205-030	Leg Hammer, 30kg	day	0.0%	0.0%	100.0%	66.1%	33.9%	286.00	Depreciation	0.00
Q0206-001	Pick Hammer	day	0.0%	0.0%	100.0%	65.7%	34.3%	36.70	Depreciation	0.00
Q0207-020	Hand Hammer	day	0.0%	0.0%	100.0%	67.0%	33.0%	215.00	Depreciation	0.00
	3.03 Leveling & Compaction Equipment									
Q0301-031	Motor Grader, 3.1m	hr	4.1%	5.9%	90.0%	50.4%	49.6%	1,930.00		5.22
Q0302-204	Stabilizer, W=2.0m, D=0.4m	hr	0.5%	1.4%	98.1%	55.1%	44.9%	16,900.00		5.20
Q0303-012	Road Roller, macadam, 10~12t	hr	6.1%	6.9%	87.1%	48.7%	51.3%	1,320.00		5.22
Q0304-020	Tire Roller, 8~20t	hr	5.9%	6.1%	87.9%	49.1%	50.9%	1,420.00		5.00
Q0305-011	Vibration Roller, Handy, 0.8~1.1t	hr	26.1%	4.1%	69.8%	42.7%	57.3%	294.00		5.22
Q0305-140	Vibration Roller, combined, 3~4t	hr	9.3%	4.2%	86.5%	49.3%	50.7%	947.00		4.80
Q0305-210	Vibration Roller, tandem, 8~10t	hr	2.9%	6.5%	90.6%	53.0%	47.0%	2,770.00		5.13
Q0306-010	Tamper and Rammer, 60~100kg	day	47.9%	7.6%	44.5%	33.9%	66.1%	842.00		5.00
Q0307-110	Vibration Compactor, 100~110kg	day	47.2%	10.0%	42.8%	34.2%	65.8%	854.00		5.00

Item No.	Description	Unit	Unit Cost						Remarks	Equipment Operation (hr/day)
			Component (%)					Total (PP)		
			Labor	Material	Equipment	Foreign	Local			
	3.04 Lifting Equipment									
Q0401-022	Crawler Crane, 22.5t	hr	3.0%	3.4%	93.7%	51.0%	49.0%	2,410.00		5.82
Q0401-027	Crawler Crane, 25~27t	hr	2.5%	3.4%	94.1%	51.3%	48.7%	2,870.00		5.82
Q0401-037	Crawler Crane, 35~37t	hr	1.8%	2.6%	95.6%	51.5%	48.5%	3,950.00		5.82
Q0401-040	Crawler Crane, 40t	hr	2.1%	4.0%	93.9%	51.6%	48.4%	3,250.00		6.21
Q0401-050	Crawler Crane, 50t	hr	1.6%	3.6%	94.8%	51.8%	48.2%	4,240.00		6.21
Q0401-060	Crawler Crane, 60t	hr	1.2%	2.9%	95.9%	51.9%	48.1%	5,590.00		6.21
Q0402-005	Truck Crane, 4.8~4.9t	hr	8.2%	7.0%	84.8%	51.7%	48.3%	929.00		5.71
Q0402-011	Truck Crane, 10~11t	hr	4.8%	4.2%	91.0%	53.3%	46.7%	1,570.00		5.71
Q0402-016	Truck Crane, 15~16t	hr	3.6%	3.6%	92.8%	53.9%	46.1%	2,100.00		5.71
Q0402-022	Truck Crane, 20~22t	hr	3.2%	3.3%	93.5%	54.2%	45.8%	2,370.00		5.71
Q0402-025	Truck Crane, 25t	hr	2.7%	3.4%	93.9%	54.5%	45.5%	2,840.00		5.71
Q0402-030	Truck Crane, 30t	hr	2.2%	2.9%	95.0%	54.7%	45.3%	3,510.00		5.71
Q0402-036	Truck Crane, 35~36t	hr	2.0%	3.7%	94.3%	54.9%	45.1%	3,880.00		5.71
Q0402-045	Truck Crane, 40~45t	hr	1.6%	3.1%	95.3%	55.0%	45.0%	4,830.00		5.71
Q0402-060	Truck Crane, 60t	hr	1.2%	2.4%	96.4%	55.2%	44.8%	6,250.00		5.71
Q0402-080	Truck Crane, 80t	hr	0.7%	2.0%	97.4%	55.4%	44.6%	11,300.00		5.71
Q0402-120	Truck Crane, 120t	hr	0.5%	1.6%	97.9%	55.5%	44.5%	15,800.00		5.71
Q0402-136	Truck Crane, 127~136t	hr	0.3%	1.5%	98.1%	55.6%	44.4%	15,800.00		7.80
Q0402-150	Truck Crane, 150t	hr	0.3%	1.6%	98.1%	55.6%	44.4%	17,500.00		7.80
Q0402-160	Truck Crane, 160t	hr	0.4%	1.4%	98.3%	55.5%	44.5%	21,100.00		5.71
Q0403-020	Wheel Crane, 20~22t	hr	3.0%	8.8%	88.1%	53.3%	46.7%	2,350.00		5.93
Q0404-010	Winch, 1.0tx40m/min	day	0.0%	0.0%	100.0%	52.8%	47.2%	300.00	Depreciation	0.00
Q0404-028	Winch, 2.8tx30m/min	day	0.0%	0.0%	100.0%	53.6%	46.4%	1,510.00	Depreciation	0.00
Q0405-009	Lift Car, 8~9m	hr	9.7%	4.0%	86.4%	52.6%	47.4%	826.00		5.25
Q0405-013	Lift Car, 12~13m	hr	6.8%	3.0%	90.2%	54.1%	45.9%	1,180.00		5.25
Q0406-003	Portal Crane Frame, 3t	day	0.0%	0.0%	100.0%	55.6%	44.4%	1,700.00	Depreciation	0.00
Q0406-010	Portal Crane Frame, 10t	day	0.0%	0.0%	100.0%	55.2%	44.8%	4,520.00	Depreciation	0.00
Q0406-103	Portal Crane Hoist, 3t	day	0.0%	0.0%	100.0%	54.5%	45.5%	325.00	Depreciation	0.00
Q0406-110	Portal Crane Hoist, 10t	day	0.0%	0.0%	100.0%	54.4%	45.6%	1,040.00	Depreciation	0.00
Q0407-030	Lever Block, 3.0t	day	0.0%	0.0%	100.0%	65.4%	34.6%	58.30	Depreciation	0.00
Q0408-010	Chain Block, 1.0t	day	0.0%	0.0%	100.0%	58.6%	41.4%	132.00	Depreciation	0.00
	3.05 Piling Equipment									
Q0503-022	Vibro Hammer, 22kW + Crawler Crane, 35~37t	hr	1.3%	2.6%	96.1%	52.6%	47.4%	4,860.00		6.56
Q0503-030	Vibro Hammer, 30kW + Crawler Crane, 35~37t	hr	1.2%	2.7%	96.0%	52.8%	47.2%	5,100.00		6.56
Q0503-040	Vibro Hammer, 40kW + Crawler Crane, 35~37t	hr	1.2%	2.8%	96.0%	53.0%	47.0%	5,350.00		6.56
Q0503-060	Vibro Hammer, 60kW + Crawler Crane, 40t	hr	1.2%	3.8%	95.0%	53.7%	46.3%	5,350.00		6.56
Q0504-025	Diesel Hammer Piling Machine, crawler, triaxial support, ram 2.5t	hr	0.7%	4.0%	95.3%	53.8%	46.2%	10,000.00		5.82
Q0504-035	Diesel Hammer Piling Machine, crawler, triaxial support, ram 3.5t	hr	0.6%	4.3%	95.1%	53.9%	46.1%	12,000.00		5.82
Q0504-045	Diesel Hammer Pile Driving Machine, crawler, triaxial support, ram 4.5t	hr	0.5%	4.7%	94.8%	54.0%	46.0%	13,100.00		5.82
Q0504-060	Diesel Hammer Piling Machine, crawler, triaxial support, ram 6.0t	hr	0.4%	4.6%	95.0%	54.0%	46.0%	17,200.00		5.82
Q0504-072	Diesel Hammer Piling Machine, crawler, triaxial support, ram 7.2t	hr	0.3%	4.3%	95.4%	54.1%	45.9%	21,000.00		5.82
Q0505-013	Diesel Hammer Piling Machine, crawler, boom, ram 1.3t	hr	1.2%	5.1%	93.7%	55.2%	44.8%	5,750.00		5.82
Q0505-025	Diesel Hammer Piling Machine, crawler, boom, ram 2.5t	hr	1.1%	6.8%	92.0%	55.5%	44.5%	6,330.00		5.82
Q0506-020	Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 2.0 t	hr	0.8%	5.8%	93.4%	55.5%	44.5%	8,480.00		5.82
Q0506-045	Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 4.0~4.5 t	hr	0.7%	6.0%	93.4%	55.6%	44.4%	10,800.00		5.82
Q0506-065	Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 6.5 t	hr	0.5%	5.1%	94.4%	55.6%	44.4%	13,000.00		5.82
Q0506-080	Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 7.0~8.0 t	hr	0.5%	4.4%	95.1%	55.6%	44.4%	15,000.00		5.82
Q0506-125	Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 10~12.5 t	hr	0.4%	4.1%	95.4%	55.6%	44.4%	16,000.00		5.82
Q0507-030	Diesel Hammer & Earth Auger Piling Machine, crawler, triaxial support, ram 2.5t, auger 30kW	hr	0.8%	2.6%	96.5%	55.2%	44.8%	8,760.00		5.82
Q0507-045	Diesel Hammer & Earth Auger Piling Machine, crawler, triaxial support, ram 3.5, auger 45kW	hr	0.6%	2.3%	97.1%	55.3%	44.7%	11,400.00		5.82
Q0508-030	Earth Auger Piling Machine, crawler, 30kW	hr	0.8%	0.9%	98.3%	55.1%	44.9%	8,610.00		5.82
Q0508-045	Earth Auger Piling Machine, crawler, 45kW	hr	0.6%	0.7%	98.7%	55.2%	44.8%	12,800.00		5.82
Q0509-045	Earth Auger, crawler, 45kW	hr	0.6%	0.7%	98.6%	55.1%	44.9%	11,200.00		6.00
Q0509-055	Earth Auger, crawler, 55kW	hr	0.6%	0.7%	98.8%	55.2%	44.8%	12,400.00		6.00
Q0513-120	All Casing Excavator, φ1200max	hr	1.0%	4.4%	94.6%	55.4%	44.6%	6,200.00		6.50
Q0513-150	All Casing Excavator, φ1500max	hr	0.7%	2.1%	97.2%	55.3%	44.7%	8,630.00		6.50
Q0513-200	All Casing Excavator, φ2000max	hr	0.5%	1.5%	97.9%	55.4%	44.6%	11,700.00		6.50
Q0514-080	Hammer Grab, φ800	day	0.0%	0.0%	100.0%	67.0%	33.0%	5,170.00	Depreciation	0.00
Q0514-100	Hammer Grab, φ1000	day	0.0%	0.0%	100.0%	67.0%	33.0%	5,660.00	Depreciation	0.00
Q0514-120	Hammer Grab, φ1200	day	0.0%	0.0%	100.0%	67.0%	33.0%	5,910.00	Depreciation	0.00
Q0514-150	Hammer Grab, φ1500	day	0.0%	0.0%	100.0%	67.0%	33.0%	10,100.00	Depreciation	0.00

Item No.	Description	Unit	Unit Cost						Remarks	Equipment Operation (hr/day)
			Component (%)					Total (PP)		
			Labor	Material	Equipment	Foreign	Local			
Q0515-001	Hammer Crown, ≦φ1200	day	0.0%	0.0%	100.0%	70.7%	29.3%	1,430.00	Depreciation	0.00
Q0515-002	Hammer Crown, >φ1200	day	0.0%	0.0%	100.0%	70.7%	29.3%	1,920.00	Depreciation	0.00
Q0516-085	Casing Tube, φ800, L=5m	day	0.0%	0.0%	100.0%	68.5%	31.5%	1,710.00	Depreciation	0.00
Q0516-105	Casing Tube, φ1000, L=5m	day	0.0%	0.0%	100.0%	68.5%	31.5%	1,780.00	Depreciation	0.00
Q0516-125	Casing Tube, φ1200, L=5m	day	0.0%	0.0%	100.0%	68.5%	31.5%	2,080.00	Depreciation	0.00
Q0516-155	Casing Tube, φ1500, L=5m	day	0.0%	0.0%	100.0%	68.5%	31.5%	2,690.00	Depreciation	0.00
Q0518-055	Reverse Circulation Drill, 55kW	hr	1.8%	2.5%	95.6%	54.2%	45.8%	3,670.00		6.18
Q0518-075	Reverse Circulation Drill, 75kW	hr	1.7%	3.2%	95.2%	54.2%	45.8%	4,040.00		6.18
Q0520-075	Sand Piling Machine, 75kW (35~37t)	hr	0.5%	0.6%	99.0%	55.2%	44.8%	15,800.00		5.91
Q0520-120	Sand Piling Machine, 120kW (40t)	hr	0.4%	0.6%	99.0%	55.3%	44.7%	17,900.00		5.91
Q0521-120	Three Wing Bit, φ800~1200	day	0.0%	0.0%	100.0%	70.7%	29.3%	1,090.00	Depreciation	0.00
Q0522-100	Hydraulic Steel Pipe Jack, φ1000	day	0.0%	0.0%	100.0%	57.6%	42.4%	14,400.00	Depreciation	0.00
	3.06 Transportation Equipment									
Q0601-002	Dump Truck, Diesel, 2t	hr	15.4%	15.2%	69.4%	46.4%	53.6%	382.00		6.12
Q0601-004	Dump Truck, Diesel, 4t	hr	10.7%	16.0%	73.3%	49.0%	51.0%	551.00		6.12
Q0601-011	Dump Truck, Diesel, 10t	hr	4.6%	12.5%	83.0%	51.7%	48.3%	1,290.00		6.12
Q0602-002	Truck, 2t	hr	18.4%	14.6%	67.0%	44.3%	55.7%	440.00		4.47
Q0602-003	Truck, 3~3.5t	hr	15.5%	13.2%	71.2%	45.6%	54.4%	521.00		4.47
Q0603-004	Truck with 2.9t crane, 4t	hr	8.2%	10.6%	81.2%	49.0%	51.0%	808.00		5.69
Q0604-015	Trailer, 15t	hr	4.0%	13.7%	82.3%	54.5%	45.5%	1,580.00		5.83
Q0605-045	Concrete Mixer Truck 4.4~4.5m3	hr	5.7%	12.0%	82.3%	53.8%	46.2%	1,290.00		5.06
Q0611-020	Cart, 20t	day	0.0%	0.0%	100.0%	59.2%	40.8%	423.00	Depreciation	0.00
Q0611-040	Cart, 40t	day	0.0%	0.0%	100.0%	59.2%	40.8%	686.00	Depreciation	0.00
	3.07 Concrete Work Equipment									
Q0701-030	Concrete Plant, 30m3/hr	hr	2.1%	3.0%	94.9%	52.0%	48.0%	3,670.00		5.53
Q0701-045	Concrete Plant, 45m3/hr	hr	1.3%	2.6%	96.1%	52.4%	47.6%	5,810.00		5.53
Q0702-060	Concrete Pump Vehicle, 55~60m3/hr	hr	2.2%	4.9%	92.9%	56.3%	43.7%	2,640.00		7.06
Q0702-085	Concrete Pump Vehicle, 65~85m3/hr	hr	1.9%	5.4%	92.7%	56.6%	43.4%	3,100.00		7.06
Q0702-110	Concrete Pump Vehicle, 90~110m3/hr	hr	1.5%	5.1%	93.4%	56.8%	43.2%	3,960.00		7.06
Q0703-075	Concrete Pump, 70~75m3/hr	hr	1.2%	3.0%	95.8%	57.1%	42.9%	4,800.00		7.00
Q0704-010	Concrete Bucket, 1.0m3	day	0.0%	0.0%	100.0%	60.1%	39.9%	572.00	Depreciation	0.00
Q0705-075	Concrete Spreader, 3~7.5m	hr	2.2%	1.5%	96.3%	52.9%	47.1%	3,260.00		5.88
Q0706-045	Concrete Finisher, 3~4.5m	hr	2.2%	0.9%	96.9%	52.8%	47.2%	3,240.00		6.00
Q0706-075	Concrete Finisher, 3~7.5m	hr	1.2%	0.8%	98.0%	53.3%	46.7%	6,150.00		6.00
Q0706-175	Concrete Vertical Finisher, 3~7.5m	hr	1.5%	0.6%	97.9%	53.2%	46.8%	4,690.00		5.88
Q0707-005	Finishing Screed, 3.5~5m	day	41.1%	3.0%	55.9%	40.1%	59.9%	1,020.00		5.00
Q0708-060	Concrete Vibrator Rod, φ60mm	day	0.0%	0.0%	100.0%	64.0%	36.0%	244.00		0.00
Q0709-040	Concrete Cutter, blade φ40cm	day	34.6%	8.5%	56.9%	41.6%	58.4%	1,170.00		5.00
Q0709-056	Concrete Cutter, blade φ56cm	day	20.8%	8.4%	70.8%	49.3%	50.7%	1,940.00		5.00
Q0709-065	Concrete Cutter, blade φ65cm	day	13.3%	8.7%	78.0%	54.0%	46.0%	3,030.00		5.00
Q0709-075	Concrete Cutter, blade φ75cm	day	7.9%	7.1%	85.0%	57.3%	42.7%	5,100.00		5.00
Q0709-106	Concrete Cutter, blade φ106cm	day	7.7%	8.4%	83.9%	57.5%	42.5%	5,250.00		5.00
Q0710-030	Grout Pump, 15~30 ltr/min	day	0.0%	0.0%	100.0%	52.7%	47.3%	697.00		0.00
Q0710-100	Grout Pump, 37~100 ltr/min	day	0.0%	2.2%	97.8%	53.1%	46.9%	1,400.00		1.50
Q0711-120	Grout Mixer, 1x200 ltr	day	0.0%	0.0%	100.0%	52.8%	47.2%	528.00		0.00
Q0711-220	Grout Mixer, 2x200 ltr	day	0.0%	1.2%	98.8%	52.9%	47.1%	607.00		1.50
Q0711-240	Grout Mixer, 2x400 ltr	day	0.0%	4.5%	95.5%	57.4%	42.6%	982.00		0.00
Q0712-012	Mortar Gun, wet, 0.8~1.2m3/hr	hr	0.0%	4.5%	95.5%	57.4%	42.6%	936.00		6.42
Q0713-060	Concrete Gun, 6m3/hr	hr	0.0%	5.0%	95.0%	56.7%	43.3%	831.00		6.75
Q0713-300	Mortar Plant, 2x500 ltr, 281~300 ltr/min	day	0.0%	0.9%	99.1%	52.8%	47.2%	10,300.00		1.80
Q0715-126	Jet Heater 126MJ/h	hr	0.0%	0.0%	100.0%	56.2%	43.8%	10.00		9.50
Q0716-060	Jaw Crusher 600x900	hr	0.0%	37.5%	62.5%	56.5%	43.5%	395.00		6.92
Q0717-090	Vibration Sieve 900x1800	hr	0.0%	11.7%	88.3%	58.4%	41.6%	61.60		6.83
	3.08 Asphalt Work Equipment									
Q0802-028	Asphalt Finisher, crawler, 1.6~2.8m	hr	3.4%	2.5%	94.1%	52.2%	47.8%	2,210.00		5.50
Q0802-050	Asphalt Finisher, crawler, 2.4~5.0m	hr	1.4%	1.2%	97.5%	53.2%	46.8%	5,600.00		5.50
Q0802-120	Asphalt Finisher, crawler, 3~12m	hr	0.6%	1.9%	97.5%	53.7%	46.3%	12,900.00		5.50
Q0803-045	Asphalt Finisher, wheel, 2.4~4.5m	hr	1.6%	1.5%	96.9%	53.1%	46.9%	4,710.00		5.50
Q0804-400	Asphalt Distributor, 4000 ltr	day	4.9%	8.0%	87.2%	52.0%	48.0%	7,570.00		4.30
Q0805-200	Asphalt Engine Sprayer, 200 ltr	day	51.0%	0.0%	49.0%	32.0%	68.0%	825.00		4.30
Q0806-045	Asphalt Curber, 4~4.5m3/h	day	18.2%	4.8%	76.9%	48.4%	51.6%	2,210.00		5.00
Q0807-020	Road Cutter, wheel, 2.0m	hr	0.7%	4.4%	94.9%	53.8%	46.2%	11,000.00		5.43
Q0809-023	Road Surface Heater	hr	0.7%	0.9%	98.4%	55.6%	44.4%	9,590.00		6.57
	3.09 Steel Work Equipment									
Q0901-025	Electric Welder, 250A	day	0.0%	0.0%	100.0%	53.2%	46.8%	97.80		3.30
Q0901-050	Electric Welder, 500A	day	0.0%	0.0%	100.0%	53.2%	46.8%	189.00		0.00
	3.10 Generator, Pumps & Blowers									
Q1001-010	Generator, 10kVA	day	0.0%	8.7%	91.3%	60.3%	39.7%	915.00		3.00
Q1001-015	Generator, 15kVA	day	0.0%	9.1%	90.9%	60.4%	39.6%	1,160.00		3.00
Q1001-020	Generator, 20kVA	day	0.0%	8.7%	91.3%	60.3%	39.7%	1,370.00		3.00
Q1001-035	Generator, 35kVA	day	0.0%	12.4%	87.6%	60.5%	39.5%	1,670.00		3.00
Q1001-045	Generator, 45kVA	day	0.0%	14.1%	85.9%	60.6%	39.4%	1,880.00		3.00
Q1001-060	Generator, 60kVA	day	0.0%	14.9%	85.1%	60.7%	39.3%	2,410.00		3.00
Q1001-075	Generator, 75kVA	day	0.0%	14.0%	86.0%	60.6%	39.4%	3,080.00		3.00
Q1001-100	Generator, 100kVA	day	0.0%	17.7%	82.3%	60.8%	39.2%	3,270.00		3.00
Q1001-125	Generator, 125kVA	day	0.0%	17.7%	82.3%	60.8%	39.2%	4,130.00		3.00
Q1001-150	Generator, 150kVA	day	0.0%	17.5%	82.5%	60.8%	39.2%	4,810.00		3.00
Q1001-200	Generator, 200kVA	day	0.0%	18.7%	81.3%	60.8%	39.2%	6,530.00		3.00
Q1001-300	Generator, 300kVA	day	0.0%	16.0%	84.0%	60.7%	39.3%	9,720.00		3.00
Q1001-350	Generator, 350kVA	day	0.0%	19.1%	80.9%	60.9%	39.1%	10,900.00		3.00

Item No.	Description	Unit	Unit Cost						Remarks	Equipment Operation (hr/day)
			Component (%)					Total (PP)		
			Labor	Material	Equipment	Foreign	Local			
Q1002-037	Air Compressor, 3.5~3.7m3/min	day	0.0%	11.7%	88.3%	59.1%	40.9%	1,710.00		3.00
Q1002-050	Air Compressor, 5.0m3/min	day	0.0%	12.2%	87.8%	59.1%	40.9%	2,450.00		3.00
Q1002-076	Air Compressor, 7.5m3/min	day	0.0%	12.4%	87.6%	59.1%	40.9%	3,630.00		3.00
Q1002-110	Air Compressor, 10.5~11.0m3/min	day	0.0%	10.8%	89.2%	59.0%	41.0%	5,560.00		3.00
Q1002-170	Air Compressor, 17m3/min	day	0.0%	13.6%	86.4%	59.2%	40.8%	6,490.00		3.00
Q1003-100	Blower, 100m3, 1.1 kg/cm2	hr	0.0%	31.6%	68.4%	60.7%	39.3%	1,460.00		16.07
Q1004-051	Water Pump, φ50mm, 0.8kW	day	0.0%	11.7%	88.3%	55.4%	44.6%	85.70		5.00
Q1005-101	Submerged Pump, φ100mm, 3.7kW	day	0.0%	22.2%	77.8%	54.8%	45.2%	317.00		8.00
Q1005-102	Submerged Pump, φ100mm, 5.5kW	day	0.0%	24.8%	75.2%	54.6%	45.4%	412.00		8.00
Q1005-151	Submerged Pump, φ150mm, 7.5kW	day	0.0%	30.2%	69.8%	54.3%	45.7%	466.00		8.00
Q1005-152	Submerged Pump, φ150mm, 11.0kW	day	0.0%	31.2%	68.8%	54.2%	45.8%	656.00		8.00
Q1005-201	Submerged Pump, φ200mm, 11.0kW	day	0.0%	29.2%	70.8%	54.3%	45.7%	701.00		8.00
Q1005-202	Submerged Pump, φ200mm, 15.0kW	day	0.0%	27.3%	72.7%	54.4%	45.6%	1,030.00		8.00
Q1006-101	Sand Pump, φ100mm, 5.5kW	day	0.0%	0.0%	100.0%	55.9%	44.1%	294.00		0.00
Q1007-005	Water Tank, 5m3	day	0.0%	0.0%	100.0%	61.1%	38.9%	178.00	Depreciation	0.00
Q1008-020	Hydraulic Jack, 20t	day	0.0%	0.0%	100.0%	60.3%	39.7%	245.00	Depreciation	0.00
Q1008-030	Hydraulic Jack, 30t	day	0.0%	0.0%	100.0%	60.3%	39.7%	296.00	Depreciation	0.00
Q1008-050	Hydraulic Jack, 50t	day	0.0%	0.0%	100.0%	60.3%	39.7%	409.00	Depreciation	0.00
Q1008-075	Hydraulic Jack, 75t	day	0.0%	0.0%	100.0%	60.3%	39.7%	506.00	Depreciation	0.00
Q1008-100	Hydraulic Jack, 100t	day	0.0%	0.0%	100.0%	60.3%	39.7%	612.00	Depreciation	0.00
Q1008-150	Hydraulic Jack, 150t	day	0.0%	0.0%	100.0%	60.3%	39.7%	887.00	Depreciation	0.00
Q1008-200	Hydraulic Jack, 200t	day	0.0%	0.0%	100.0%	60.3%	39.7%	1,150.00	Depreciation	0.00
Q1008-300	Hydraulic Jack, 300t	day	0.0%	0.0%	100.0%	60.3%	39.7%	1,670.00	Depreciation	0.00
Q1009-050	Hydraulic Jack, Electric, 50t	day	0.0%	0.0%	100.0%	59.9%	40.1%	927.00	Depreciation	0.00
Q1011-015	Hydraulic Pump, 1.5kW	day	0.0%	0.0%	100.0%	60.3%	39.7%	1,370.00	Depreciation	0.00
	3.11 Road Maintenance Equipment									
Q1101-031	Road Washer, brush, 2~3.1m3	hr	2.2%	4.6%	93.2%	57.3%	42.7%	2,500.00		7.60
Q1101-045	Road Washer, Vacuum, 4.5m3	hr	2.4%	4.1%	93.5%	57.2%	42.8%	2,280.00		7.60
Q1101-055	Road Washer, Vacuum, 5.5m3	hr	1.6%	3.0%	95.4%	57.5%	42.5%	3,360.00		7.60
Q1102-125	Guardrail Washer	hr	3.7%	3.8%	92.5%	54.7%	45.3%	1,890.00		5.33
Q1103-380	Water Sprinkle Vehicle, 3800 ltr	hr	9.4%	7.0%	83.6%	51.2%	48.8%	826.00		4.80
Q1103-650	Water Sprinkle Vehicle, 5500~6500 ltr	hr	7.3%	6.2%	86.5%	52.3%	47.7%	1,060.00		4.80
Q1104-600	Guardrail Post Piler, 400~600kg	hr	3.9%	1.2%	94.9%	55.1%	44.9%	1,510.00		6.38
Q1105-255	Grass Cutter, shoulder type 255mm	day	0.0%	0.0%	100.0%	62.8%	37.2%	78.40	Depreciation	0.00
Q1106-015	Line Marker (Solution Type, Hand Guide) 15cm	hr	0.0%	0.0%	100.0%	60.5%	39.5%	65.40		5.70
Q1106-030	Line Marker (Solution Type, Hand Guide) 30, 45cm	hr	0.0%	0.0%	100.0%	60.5%	39.5%	40.90		5.70
Q1107-015	Line Marker (Paint Type, Hand Guide) 15cm	hr	0.0%	2.9%	97.1%	58.5%	41.5%	1,700.00		6.00
Q1108-022	High Pressure Washer 2.2kW	day	0.0%	0.0%	100.0%	56.2%	43.8%	167.00	Depreciation	0.00
	3.15 Miscellaneous									
Q1501-030	Rail 30kg/m x 100m	day	0.0%	0.0%	100.0%	53.0%	47.0%	70.90	Depreciation	0.00
Q1511-060	Square Pipe, 60mm x 1000m	day	0.0%	0.0%	100.0%	71.2%	28.8%	249.00	Depreciation	0.00
Q1521-014	PC Bridge Cantilever Construction Form Traveler, W≦14m	day	0.0%	0.0%	100.0%	60.9%	39.1%	16,700.00	Depreciation	0.00
Q1521-017	PC Bridge Cantilever Construction Operation Wagon, W≦17m	day	0.0%	0.0%	100.0%	60.9%	39.1%	22,200.00	Depreciation	0.00
Q1521-020	PC Bridge Cantilever Construction Operation Wagon, W≦20m	day	0.0%	0.0%	100.0%	60.9%	39.1%	30,000.00	Depreciation	0.00
Q1521-024	PC Bridge Cantilever Construction Operation Wagon, W≦24m	day	0.0%	0.0%	100.0%	60.9%	39.1%	32,600.00	Depreciation	0.00
Q1531-001	Electric Drill	day	0.0%	0.0%	100.0%	59.9%	40.1%	16.50	Depreciation	0.00
Q1531-002	Hammer Drill	day	0.0%	0.0%	100.0%	59.9%	40.1%	47.00	Depreciation	0.00
Q1541-001	Steel Formwork 10m2	day	0.0%	0.0%	100.0%	70.8%	29.2%	67.30	Depreciation	0.00
Q1551-001	Erection Girder t	day	0.0%	0.0%	100.0%	59.2%	40.8%	270.00	Depreciation	0.00
Q1561-001	Temporary Frame Support (Portal 914x1700)	day	0.0%	0.0%	100.0%	70.3%	29.7%	3.44	Depreciation	0.00
Q1561-002	Temporary Frame Support (Portal 1219x1700)	day	0.0%	0.0%	100.0%	70.3%	29.7%	3.77	Depreciation	0.00
Q1561-003	Temporary Frame Support (Portal 1219x1829)	day	0.0%	0.0%	100.0%	70.3%	29.7%	5.04	Depreciation	0.00
Q1561-011	Temporary Frame Support (bracing 914 x 1219)	day	0.0%	0.0%	100.0%	69.7%	30.3%	0.74	Depreciation	0.00
Q1561-012	Temporary Frame Support (bracing 1219 x 1219)	day	0.0%	0.0%	100.0%	69.7%	30.3%	0.78	Depreciation	0.00
Q1561-013	Temporary Frame Support (bracing 1829 x 1219)	day	0.0%	0.0%	100.0%	69.7%	30.3%	0.89	Depreciation	0.00
	4. Rental Equipment Operation Cost									
	4.01 Excavation Equipment									
R0101-015	Tractor, crawler w/dozer (Bulldozer, 15t)	hr	3.0%	7.8%	89.2%	53.6%	46.4%	2,700.00		5.27
R0101-021	Tractor, crawler w/dozer (Bulldozer, 21t)	hr	1.5%	8.2%	90.3%	54.4%	45.6%	4,150.00		6.58
R0102-010	Backhoe, hydraulic, crawler, 0.11m3	day	10.1%	8.5%	81.4%	49.7%	50.3%	4,160.00		0.00
R0102-035	Backhoe, hydraulic, crawler, 0.35m3	hr	6.4%	8.4%	85.2%	51.8%	48.2%	1,210.00		5.47
R0102-061	Backhoe, hydraulic, crawler, 0.61m3	hr	4.4%	8.4%	87.2%	52.9%	47.1%	1,740.00		5.47
R0102-070	Backhoe, hydraulic, crawler, 0.70m3	hr	3.8%	8.1%	88.1%	53.0%	47.0%	2,020.00		5.47
R0102-080	Backhoe, hydraulic, crawler, 0.80m3	hr	3.3%	7.7%	89.0%	53.3%	46.7%	2,330.00		5.47
	4.02 Demolition Equipment									

Item No.	Description	Unit	Unit Cost						Remarks	Equipment Operation (hr/day)
			Component (%)					Total (PP)		
			Labor	Material	Equipment	Foreign	Local			
R0201-020	Rock Drill/Breaker 20cfm	day	0.0%	0.0%	100.0%	54.4%	45.6%	1,400.00		0.00
R0202-000	Crawler Drill	hr	0.0%	0.0%	100.0%	54.3%	45.7%	518.00		5.00
R0204-020	Pneumatic Breaker, Handhold	day	0.0%	0.0%	100.0%	54.3%	45.7%	457.00		0.00
R0207-020	Chipping Hammer	day	0.0%	0.0%	100.0%	54.3%	45.7%	664.00		0.00
	4.03 Leveling & Compaction Equipment									
R0301-285	Motor Grader, 2.85m	hr	3.8%	4.0%	92.2%	52.7%	47.3%	2,120.00		5.22
R0301-371	Motor Grader, 3.71m	hr	3.6%	6.9%	89.5%	53.2%	46.8%	2,230.00		5.22
R0302-000	Soil Stabilizer/Road Reclaimer	hr	1.4%	4.2%	94.4%	54.0%	46.0%	5,840.00		5.20
R0304-016	Four Tamping Foot Wheels (Tire Roller) 16t	hr	4.3%	8.0%	87.7%	52.7%	47.3%	1,970.00		5.00
R0305-037	Vibratory Single Smooth Drum 3.75t (Vibration Roller, combined, 3~4t)	hr	20.4%	9.1%	70.5%	44.2%	55.8%	429.00		4.80
R0305-106	Vibratory Tandem Smooth Drum 10.6t (Vibration Roller, tandem, 8~10t)	hr	4.0%	9.0%	87.0%	53.2%	46.8%	2,030.00		5.13
R0306-006	Vibration Rammer, 6in	day	0.0%	49.4%	50.6%	59.7%	40.3%	158.00		0.00
R0307-000	Plate Compactor	day	0.0%	17.7%	82.3%	56.2%	43.8%	780.00		0.00
	4.04 Lifting Equipment									
R0401-025	Crawler Crane, 21-25t	hr	4.6%	8.0%	87.4%	52.7%	47.3%	1,560.00		5.82
R0401-030	Crawler Crane, 26-30t	hr	4.5%	7.8%	87.7%	52.5%	47.5%	1,600.00		5.82
R0401-035	Crawler Crane, 31-35t	hr	4.3%	9.8%	85.9%	52.9%	47.1%	1,680.00		5.82
R0401-040	Crawler Crane, 36-40t	hr	3.7%	8.4%	87.9%	53.2%	46.8%	1,950.00		5.82
R0401-045	Crawler Crane, 41-45t	hr	3.2%	7.7%	89.1%	53.4%	46.6%	2,120.00		6.21
R0401-050	Crawler Crane, 46-50t	hr	2.7%	6.6%	90.7%	53.6%	46.4%	2,480.00		6.21
R0401-060	Crawler Crane, 51-60t	hr	2.5%	8.7%	88.8%	53.8%	46.2%	2,710.00		6.21
R0402-005	Truck Crane, Hydraulic 2-5t	hr	17.9%	10.9%	71.2%	45.7%	54.3%	412.00		5.71
R0402-010	Truck Crane, Hydraulic 6-10t	hr	15.2%	9.3%	75.5%	47.0%	53.0%	485.00		5.71
R0402-015	Truck Crane, Hydraulic 11-15t	hr	8.4%	8.3%	83.3%	50.7%	49.3%	879.00		5.71
R0402-020	Truck Crane, Hydraulic 16-20t	hr	6.9%	7.7%	85.4%	51.5%	48.5%	1,070.00		5.71
R0402-025	Truck Crane, Hydraulic 21-25t	hr	5.5%	6.8%	87.7%	52.0%	48.0%	1,330.00		5.71
R0402-030	Truck Crane, Hydraulic 26-30t	hr	5.0%	7.3%	87.7%	52.2%	47.8%	1,470.00		5.71
R0402-035	Truck Crane, Hydraulic 31-35t	hr	4.4%	6.5%	89.1%	52.7%	47.3%	1,670.00		5.71
R0402-040	Truck Crane, Hydraulic 36-40t	hr	4.2%	6.2%	89.6%	52.8%	47.2%	1,750.00		5.71
R0402-045	Truck Crane, Hydraulic 41-45t	hr	3.3%	5.0%	91.7%	53.1%	46.9%	2,240.00		5.71
R0402-050	Truck Crane, Hydraulic 46-50t	hr	3.2%	4.8%	92.0%	53.2%	46.8%	2,320.00		5.71
R0402-060	Truck Crane, Hydraulic 51-60t	hr	2.9%	5.1%	92.0%	53.4%	46.6%	2,500.00		5.71
R0402-070	Truck Crane, Hydraulic 61-70t	hr	2.7%	4.6%	92.7%	53.3%	46.7%	2,780.00		5.71
R0402-080	Truck Crane, Hydraulic 71-80t	hr	2.4%	4.2%	93.4%	53.5%	46.5%	3,080.00		5.71
R0402-090	Truck Crane, Hydraulic 81-90t	hr	1.9%	3.3%	94.8%	53.7%	46.3%	3,920.00		5.71
R0402-100	Truck Crane, Hydraulic 91-100t	hr	1.5%	2.6%	95.9%	53.8%	46.2%	5,050.00		5.71
R0402-120	Truck Crane, Hydraulic 101-120t	hr	1.1%	1.9%	97.0%	53.9%	46.1%	6,960.00		5.71
R0402-140	Truck Crane, Hydraulic 121-140t	hr	0.9%	1.9%	97.2%	54.0%	46.0%	8,240.00		5.71
R0402-160	Truck Crane, Hydraulic 141-160t	hr	0.8%	1.9%	97.3%	54.1%	45.9%	8,950.00		5.71
R0402-180	Truck Crane, Hydraulic 161-180t	hr	0.8%	2.0%	97.2%	54.1%	45.9%	9,720.00		5.71
	4.05 Piling Equipment									
R0501-013	Diesel Hammer w/o Crane, 1.3t	hr	0.0%	11.3%	88.7%	55.4%	44.6%	1,060.00		6.29
R0501-025	Diesel Hammer w/o Crane, 2.5t	hr	0.0%	0.0%	100.0%	55.6%	44.4%	1,670.00		6.29
R0501-035	Diesel Hammer w/o Crane, 3.5t	hr	0.0%	0.0%	100.0%	56.0%	44.0%	2,060.00		6.29
R0501-045	Diesel Hammer w/o Crane, 4.5t	hr	0.0%	0.0%	100.0%	55.7%	44.3%	3,000.00		6.29
R0501-060	Diesel Hammer w/o Crane, 6.0t	hr	0.0%	12.9%	87.1%	55.7%	44.3%	4,300.00		6.29
R0502-045	Vibratory Pile Driver, Hydraulic 45 t-m	hr	1.9%	22.6%	75.5%	55.7%	44.3%	3,420.00		6.56
R0502-070	Vibratory Pile Driver, Hydraulic 70 t-m	hr	1.2%	21.4%	77.4%	55.9%	44.1%	5,340.00		6.56
R0502-120	Vibratory Pile Driver, Hydraulic 120 kN-m	hr	1.4%	14.2%	84.4%	55.1%	44.9%	4,450.00		6.56
R0503-060	Vibratory Pile Driver, Electric 60kW w/o Genset	hr	8.8%	10.0%	81.2%	49.1%	50.9%	733.00		6.56
R0507-030	Piling Rig, Triaxial, Hydraulic w/ auger	hr	1.1%	4.4%	94.5%	54.2%	45.8%	6,090.00		6.27
R0517-181	Drilling Rig, Hydraulic, Crawler φ1800m x 20m deep	hr	0.6%	1.4%	98.0%	54.0%	46.0%	11,500.00		6.27
R0517-182	Drilling Rig, Hydraulic, Crawler φ1800m x 53m deep	hr	0.5%	2.2%	97.3%	54.1%	45.9%	13,100.00		6.27
R0517-201	Drilling Rig, Hydraulic, Crawler φ2000m x 65m deep	hr	0.5%	1.9%	97.6%	54.3%	45.7%	14,000.00		6.27
R0517-202	Drilling Rig, Hydraulic, Crawler φ2500m x 68m deep	hr	0.4%	1.7%	97.9%	54.2%	45.8%	15,000.00		6.27
R0517-203	Drill Rig, Mechanical Rotary w/o crane 600~2000mm x 68m deep	hr	0.0%	3.9%	96.1%	54.7%	45.3%	3,920.00		6.27
R0518-055	Reverse Circulation Drill 55kW	hr	0.0%	18.5%	81.5%	53.6%	46.4%	507.00		6.18
	4.06 Transportation Equipment									
R0601-003	Dump Truck, 3.0-6.0 cu-yds (2.3-4.6m3)	hr	13.5%	19.3%	67.2%	49.0%	51.0%	446.00		6.12
R0601-006	Dump Truck, 6.0-9.0 cu-yds (4.6-6.9m3)	hr	10.0%	17.9%	72.1%	50.8%	49.2%	603.00		6.12
R0601-009	Dump Truck, 9.0-12.0 cu-yds (6.9-9.2m3)	hr	8.0%	17.9%	74.1%	51.9%	48.1%	756.00		6.12
R0601-012	Dump Truck, 12.0-15.0 cu-yds (9.2-11.5m3)	hr	6.8%	16.1%	77.1%	52.3%	47.7%	881.00		6.12
R0601-015	Dump Truck, 15.0-20.0 cu-yds (11.5-15.3m3)	hr	5.8%	18.1%	76.1%	52.9%	47.1%	1,030.00		6.12
R0602-002	Cargo truck 2.0-5.0t	hr	14.4%	13.7%	71.9%	48.0%	52.0%	570.00		4.47
R0602-006	Cargo truck 6.0-8.0t	hr	12.0%	13.9%	74.1%	49.2%	50.8%	684.00		4.47
R0602-009	Cargo truck 9.0-10.0t	hr	9.6%	15.5%	74.9%	50.8%	49.2%	859.00		4.47
R0602-011	Cargo truck 11.0-12.0t	hr	8.2%	14.1%	77.7%	51.5%	48.5%	1,010.00		4.47
R0602-013	Cargo truck 13.0-15.0t	hr	7.4%	14.0%	78.6%	52.0%	48.0%	1,120.00		4.47
R0603-002	Pick-up truck 2.2t	hr	14.0%	10.9%	75.1%	47.8%	52.2%	589.00		4.47
R0604-020	Trailer 20t	hr	3.8%	10.7%	85.5%	53.3%	46.7%	1,670.00		5.83
R0604-045	Trailer 45t	hr	2.3%	8.2%	89.5%	53.9%	46.1%	2,700.00		5.83

Item No.	Description	Unit	Unit Cost						Remarks	Equipment Operation (hr/day)
			Component (%)					Total (PP)		
			Labor	Material	Equipment	Foreign	Local			
R0605-045	Truck Mixer 3.5-4.5 cu-yds (2.7-3.4m3)	hr	9.1%	9.5%	81.4%	50.4%	49.6%	917.00		5.06
R0605-060	Truck Mixer 5.0-6.0 cu-yds (3.8-4.6m3)	hr	7.2%	8.2%	84.6%	51.2%	48.8%	1,160.00		5.06
R0605-075	Truck Mixer 6.5-7.5 cu-yds (5.0-5.7m3)	hr	6.2%	7.9%	85.9%	51.9%	48.1%	1,350.00		5.06
R0605-100	Truck Mixer 8.0-10.0 cu-yds (6.1-7.6m3)	hr	5.4%	10.3%	84.3%	52.5%	47.5%	1,540.00		5.06
R0605-120	Truck Mixer 11.0-12.0 cu-yds (8.4-9.2m3)	hr	4.6%	10.0%	85.4%	53.0%	47.0%	1,820.00		5.06
	4.07 Concrete Work Equipment									
R0701-030	Concrete Batch Plant 30m3/hr with silo	hr	5.1%	7.4%	87.5%	51.2%	48.8%	1,500.00		5.53
R0701-040	Concrete Batch Plant 40m3/hr with silo	hr	3.9%	7.6%	88.5%	52.0%	48.0%	1,970.00		5.53
R0702-070	Concrete Pump Vehicle 70cu-yds/hr (53.5m3/hr)	hr	3.2%	7.1%	89.7%	53.4%	46.6%	1,880.00		7.06
R0702-100	Concrete Pump Vehicle 100cu-yds/hr (76.5m3/hr)	hr	0.0%	0.0%	100.0%	53.4%	46.6%	2,190.00		7.06
R0706-024	Concrete Paver/Finisher	hr	7.2%	3.7%	89.1%	50.8%	49.2%	978.00		6.00
R0706-090	Concrete Paver/Finisher	hr	5.0%	9.6%	85.4%	52.6%	47.4%	1,400.00		6.00
R0708-060	Concrete Vibrator	day	0.0%	8.2%	91.8%	55.2%	44.8%	438.00		0.00
R0709-014	Concrete Cutter 14in	day	0.0%	55.2%	44.8%	60.2%	39.8%	815.00		0.00
R0710-000	Grout Pump	day	0.0%	0.0%	100.0%	54.3%	45.7%	1,280.00		0.00
R0711-003	Concrete Mixer 1-3 ft3/min (0.03-0.08m3/min)	day	0.0%	2.9%	97.1%	54.6%	45.4%	418.00		0.00
R0711-006	Concrete Mixer 4-6 ft3/min (0.11-0.17m3/min)	day	0.0%	3.2%	96.8%	54.7%	45.3%	568.00		0.00
R0711-012	Concrete Mixer 7-12 ft3/min (0.20-0.33m3/min)	day	0.0%	5.1%	94.9%	54.9%	45.1%	700.00		0.00
R0711-018	Concrete Mixer 13-18 ft3/min (0.37-0.51m3/min)	day	0.0%	6.3%	93.7%	55.0%	45.0%	862.00		0.00
R0711-024	Concrete Mixer 19-24 ft3/min (0.53-0.68m3/min)	day	0.0%	7.1%	92.9%	55.2%	44.8%	1,010.00		0.00
R0711-036	Concrete Mixer 25-36 ft3/min (0.71-1.02m3/min)	day	0.0%	9.5%	90.5%	55.2%	44.8%	1,200.00		0.00
R0711-040	Concrete Mixer 37-40 ft3/min (1.05-1.13m3/min)	day	0.0%	12.3%	87.7%	55.6%	44.4%	1,370.00		0.00
R0713-000	Concrete Gun	hr	0.0%	9.6%	90.4%	53.9%	46.1%	427.00		6.75
R0716-010	Aggregate Crusher 100t/hr	hr	0.0%	5.5%	94.5%	54.1%	45.9%	2,700.00		6.92
R0716-025	Aggregate Crusher 160-250t/hr	hr	0.0%	5.8%	94.2%	54.1%	45.9%	5,120.00		6.92
R0716-027	Aggregate Crusher 175-275t/hr	hr	0.0%	5.1%	94.9%	54.1%	45.9%	6,550.00		6.92
R0716-050	Aggregate Crusher 385-505t/hr	hr	0.0%	7.2%	92.8%	54.0%	46.0%	9,340.00		6.92
R0716-052	Aggregate Crusher 325-525t/hr	hr	0.0%	5.9%	94.1%	54.1%	45.9%	7,610.00		6.92
R0716-072	Aggregate Crusher 550-720t/hr	hr	0.0%	7.8%	92.2%	54.2%	45.8%	11,000.00		6.92
R0716-116	Aggregate Crusher 885-1160t/hr	hr	0.0%	12.1%	87.9%	53.9%	46.1%	12,500.00		6.92
	4.08 Asphalt Work Equipment									
R0801-030	Asphalt Concrete Plant 30t/hr	hr	0.0%	21.8%	78.2%	53.5%	46.5%	1,000.00		3.79
R0802-025	Asphalt Paver/Finisher, 2.5m	hr	4.8%	2.8%	92.4%	52.0%	48.0%	1,610.00		5.50
R0802-040	Asphalt Paver/Finisher, 4.0m	hr	4.2%	4.0%	91.8%	52.5%	47.5%	1,820.00		5.50
R0802-047	Asphalt Paver/Finisher, 4.7m	hr	3.2%	4.3%	92.5%	53.1%	46.9%	2,420.00		5.50
R0804-030	Asphalt Distributor 3000 USG (11,000 Ltr)	day	8.1%	9.9%	82.0%	50.9%	49.1%	5,170.00		0.00
R0805-013	Asphalt Sprayer 1330 USG (5,000 Ltr)	day	8.1%	25.6%	66.3%	52.7%	47.3%	5,220.00		0.00
R0806-045	Asphalt Pavement Profiler	day	1.0%	10.6%	88.4%	55.0%	45.0%	42,300.00		0.00
R0810-025	Asphalt Repaver, 2.50-3.75m	day	0.6%	2.8%	96.6%	54.3%	45.7%	67,600.00		0.00
R0811-025	Asphalt Remixer, 2.50-3.75m	day	0.6%	2.8%	96.6%	54.3%	45.7%	68,600.00		0.00
	4.09 Steel Work Equipment	-								
R0901-025	Welding Machine 250A	day	0.0%	39.8%	60.2%	58.6%	41.4%	588.00		0.00
R0901-050	Welding Machine 500A	day	0.0%	60.4%	39.6%	60.6%	39.4%	1,470.00		0.00
R0911-000	Bar Bender	day	0.0%	0.0%	100.0%	54.2%	45.8%	1,310.00		0.00
R0912-000	Electric Bar Cutter	day	0.0%	0.0%	100.0%	54.2%	45.8%	1,310.00		0.00
	4.10 Generator, Pumps & Blowers									
R1001-015	Generator 11-15 kW	day	0.0%	21.1%	78.9%	56.6%	43.4%	883.00		0.00
R1001-020	Generator 16-20 kW	day	0.0%	20.8%	79.2%	56.4%	43.6%	1,210.00		0.00
R1001-030	Generator 21-30 kW	day	0.0%	25.9%	74.1%	57.0%	43.0%	1,460.00		0.00
R1001-040	Generator 31-40 kW	day	0.0%	31.7%	68.3%	57.9%	42.1%	1,590.00		0.00
R1001-050	Generator 41-50 kW	day	0.0%	33.9%	66.1%	57.9%	42.1%	1,860.00		0.00
R1001-100	Generator 51-100 kW	day	0.0%	46.6%	53.4%	59.3%	40.7%	2,690.00		0.00
R1001-150	Generator 101-150 kW	day	0.0%	52.2%	47.8%	59.9%	40.1%	3,610.00		0.00
R1001-200	Generator 151-200 kW	day	0.0%	47.6%	52.4%	59.4%	40.6%	5,280.00		0.00
R1001-250	Generator 201-250 kW	day	0.0%	46.5%	53.5%	59.3%	40.7%	6,750.00		0.00
R1001-300	Generator 251-300 kW	day	0.0%	47.5%	52.5%	59.4%	40.6%	7,940.00		0.00
R1001-350	Generator 301-350 kW	day	0.0%	50.3%	49.7%	59.7%	40.3%	8,750.00		0.00
R1001-400	Generator 351-400 kW	day	0.0%	49.2%	50.8%	59.4%	40.6%	10,200.00		0.00
R1002-160	Air Compressor 126-160 cfm (3.6-4.5m3/min)	day	0.0%	27.8%	72.2%	57.2%	42.8%	2,090.00		0.00
R1002-185	Air Compressor 161-185 cfm (4.6-5.2m3/min)	day	0.0%	33.4%	66.6%	57.9%	42.1%	2,390.00		0.00
R1002-250	Air Compressor 186-250 cfm (5.3-7.1m3/min)	day	0.0%	27.3%	72.7%	57.2%	42.8%	3,080.00		0.00
R1002-315	Air Compressor 251-315 cfm (7.1-8.9m3/min)	day	0.0%	31.7%	68.3%	57.8%	42.2%	3,330.00		0.00
R1002-330	Air Compressor 316-330 cfm (8.9-9.3m3/min)	day	0.0%	31.0%	69.0%	57.6%	42.4%	3,460.00		0.00
R1002-350	Air Compressor 331-350 cfm (9.4-9.9m3/min)	day	0.0%	31.9%	68.1%	57.8%	42.2%	3,710.00		0.00
R1002-450	Air Compressor 356-450 cfm (10.0-12.7m3/min)	day	0.0%	29.5%	70.5%	57.4%	42.6%	5,090.00		0.00

Item No.	Description	Unit	Unit Cost						Remarks	Equipment Operation (hr/day)
			Component (%)					Total (PP)		
			Labor	Material	Equipment	Foreign	Local			
R1002-500	Air Compressor 456-500 cfm (12.9-14.2m3/min)	day	0.0%	31.3%	68.7%	57.7%	42.3%	5,540.00		0.00
R1002-600	Air Compressor 501-600 cfm (14.2-17.0m3/min)	day	0.0%	26.8%	73.2%	57.2%	42.8%	7,650.00		0.00
R1004-051	Electric Water Pump 1 3/4 - 2 (44.5-50.8mm)	day	0.0%	10.5%	89.5%	54.0%	46.0%	114.00		0.00
R1004-102	Electric Water Pump 3 1/2 - 4 (88.9-101.6mm)	day	0.0%	27.7%	72.3%	53.1%	46.9%	195.00		0.00
R1004-203	Electric Water Pump 6 1/2 - 8 (165.1-203.2mm)	day	0.0%	32.4%	67.6%	52.9%	47.1%	481.00		0.00
R1005-132	Sump Pump 132 gal/min (500ltr/min) 10m head	day	0.0%	51.0%	49.0%	52.0%	48.0%	153.00		0.00
R1006-075	Mud Pump	day	0.0%	36.4%	63.6%	52.7%	47.3%	214.00		0.00
R1007-002	Power Unit (Jack), hydraulic, HP-2, pump cap. 7-9	day	0.0%	0.0%	100.0%	54.3%	45.7%	656.00		0.00
	4.11 Road Maintenance Equipment									
R1101-002	Power Broom 2m	hr	20.2%	42.0%	37.8%	47.7%	52.3%	274.00		7.60
R1103-450	Water Wagon/Pump Truck 500-1000 gal (2200-4500 ltr)	hr	11.3%	24.6%	64.1%	50.8%	49.2%	545.00		6.00
	4.15 Miscellaneous									
R1531-002	Hammer Drill	day	0.0%	0.0%	100.0%	54.3%	45.7%	118.00		0.00
R1561-000	Chainsaw	day	0.0%	0.0%	100.0%	54.2%	45.8%	198.00		0.00

8. Labor Cost

National Holidays	=	9 days/year	
Work Days/Week	=	6 days/week	= (7 Weekdays - Sunday)
Annual Paid Work Days	=	304 days	= 365 days / 7 days x Weekly Work Days - National Holidays
Annual Rainy Days	=	50.2 days/year	= Daily Precipitation of 10mm and more
Annual Workable Days	=	263 days	= [(365/7)week x Weekly work days / 365] x [(365-Holidays)/365] x [1-(Annual Rainy Days/365)] x 365 days
Minimum Daily Wage	=	224.50 PP/day	= for non-agriculture labors (Establishment with total assets of 30 Million Pesos or more) in Region III Province = Nueva Ecija

Leave (Paid Holidays) 1.00 month/year
Bonus 1.00 month/year

Basic Daily Wage = Min. Daily Wage x Labor Cost Index
Basic Monthly Salary = (Basic Daily Wage x Annual Paid Work Days) / 12 Months
Social Contribution Shared by Employer = National Health Insurance Program (NHIP) + Social Security System (SSS)
Leave (Paid Holidays) = 1.00 x Basic Monthly Salary .
Bonus = 1.00 x Basic Monthly Salary
Annual Cost Paid by Employer = (Basic Monthly Salary + Allowances + NHI + SSS) x 12 Months + Leave + Bonus
Daily Labor Cost for Estimate = Annual Cost Paid by Employer / Annual Workable Days

Item No.	Description	Labor Cost Index	Basic Daily Wage	Basic Monthly Salary	Allowances 0.00%	Leave (Paid Holidays)	Bonus	Social Contribution Shared by Employer			Annual Cost Paid by Employer	Daily Labor Cost for Estimate
								NHIP	SSS	Total		
			PP/day	PP/month	PP/month	PP/year	PP/year	PP/month	PP/month	PP/month	PP/year	PP/day
L002	Foreman	1.80	404.10	10,237.00	0.00	10,237.00	10,237.00	125.00	333.30	458.30	148,817.60	566.00
L003	Operator	1.34	300.80	7,620.00	0.00	7,620.00	7,620.00	93.75	250.00	343.75	110,805.00	421.00
L004	Driver	1.17	262.70	6,655.00	0.00	6,655.00	6,655.00	81.25	216.70	297.95	96,745.40	368.00
L005	Carpenter	1.41	316.50	8,018.00	0.00	8,018.00	8,018.00	100.00	266.70	366.70	116,652.40	444.00
L006	Re-Bar Worker	1.28	287.40	7,281.00	0.00	7,281.00	7,281.00	87.50	250.00	337.50	105,984.00	403.00
L007	Masonry	1.47	330.00	8,360.00	0.00	8,360.00	8,360.00	100.00	283.30	383.30	121,639.60	463.00
L008	Blaster	1.66	372.70	9,442.00	0.00	9,442.00	9,442.00	112.50	316.70	429.20	137,338.40	522.00
L009	Welder	1.59	357.00	9,044.00	0.00	9,044.00	9,044.00	112.50	300.00	412.50	131,566.00	500.00
L010	Painter	1.40	314.30	7,962.00	0.00	7,962.00	7,962.00	93.75	266.70	360.45	115,793.40	440.00
L011	Mechanic	1.41	316.50	8,018.00	0.00	8,018.00	8,018.00	100.00	266.70	366.70	116,652.40	444.00
L012	Electrician	1.34	300.80	7,620.00	0.00	7,620.00	7,620.00	93.75	250.00	343.75	110,805.00	421.00
L019	Skilled Labor	1.28	287.40	7,281.00	0.00	7,281.00	7,281.00	87.50	250.00	337.50	105,984.00	403.00
L020	Unskilled Labor	1.00	224.50	5,687.00	0.00	5,687.00	5,687.00	68.75	183.30	252.05	82,642.60	314.00

Note) NHIP : National Health Insurance Program
SSS : Social Security System

Minimum Wage

Source: Wage Order No. RBIII-09, Effective from Jan. 16, 2002
National Wages and Productivity Commission, Department of Labor and Employment

Sector	Bulacan	Other Province
1. Non-Agriculture		
1.a Establishment with total assets of 30 Million or more	228.50	224.50
1.b Establishment with total assets of less than 30 Million	221.00	217.00
2. Agriculture		
2.a Plantation	194.50	194.50
2.b Non-Plantation	178.50	178.50
3. Private Hospitals		
3.a Establishment with 20 or more bed capacity	215.50	215.50
3.b Establishment with less than 20 bed capacity	200.50	200.50
4. Retail/Service		
4.a Establishment with 16 or more employees	213.50	213.50
4.b Establishment with less than 16 employees	199.50	199.50
5. Cottage/Handicraft	178.50	178.50

Bypass	Province	Minimum Wage
Plaridel	Bulacan	228.50
Cabanatuan	Nueva Ecija	224.50
San Jose		224.50

Social Contribution in Philippine

1) National Health Insurance Program (NHIP)
National Health Insurance Act (Art. X, RA 7875), effective from January 1, 2002

Monthly Salary Range		Salary Base (SB)	Monthly Contribution		
			Total = PS + ES	Personal Share (PS) = SBx1.25%	Employer Share (ES) = PS
0.00	3,499.99	3,000.00	75.00	37.50	37.50
3,500.00	3,999.99	3,500.00	87.50	43.75	43.75
4,000.00	4,499.99	4,000.00	100.00	50.00	50.00
4,500.00	4,999.99	4,500.00	112.50	56.25	56.25
5,000.00	5,499.99	5,000.00	125.00	62.50	62.50
5,500.00	5,999.99	5,500.00	137.50	68.75	68.75
6,000.00	6,499.99	6,000.00	150.00	75.00	75.00
6,500.00	6,999.99	6,500.00	162.50	81.25	81.25
7,000.00	7,499.99	7,000.00	175.00	87.50	87.50
7,500.00	7,999.99	7,500.00	187.50	93.75	93.75
8,000.00	8,499.99	8,000.00	200.00	100.00	100.00
8,500.00	8,999.99	8,500.00	212.50	106.25	106.25
9,000.00	9,499.99	9,000.00	225.00	112.50	112.50
9,500.00	9,999.99	9,500.00	237.50	118.75	118.75
10,000.00	and over	10,000.00	250.00	125.00	125.00

2) Social Security System (SSS)

SSC Resolution No. 900-s2001, effective from January 1, 2002

Range of Compensation		Monthly Salary Credit	Social Security			EC	Total Contribution		
			Employer	Employee	Total	Employer	Employer	Employee	Combined
1,000.00	1,249.99	1,000.00	50.70	33.30	84.00	10.00	60.70	33.30	94.00
1,250.00	1,749.99	1,500.00	76.00	50.00	126.00	10.00	86.00	50.00	136.00
1,750.00	2,249.99	2,000.00	101.30	66.70	168.00	10.00	111.30	66.70	178.00
2,250.00	2,749.99	2,500.00	126.70	83.30	210.00	10.00	136.70	83.30	220.00
2,750.00	3,249.99	3,000.00	152.00	100.00	252.00	10.00	162.00	100.00	262.00
3,250.00	3,749.99	3,500.00	177.30	116.70	294.00	10.00	187.30	116.70	304.00
3,750.00	4,249.99	4,000.00	202.70	133.30	336.00	10.00	212.70	133.30	346.00
4,250.00	4,749.99	4,500.00	228.00	150.00	378.00	10.00	238.00	150.00	388.00
4,750.00	5,249.99	5,000.00	253.30	166.70	420.00	10.00	263.30	166.70	430.00
5,250.00	5,749.99	5,500.00	278.70	183.30	462.00	10.00	288.70	183.30	472.00
5,750.00	6,249.99	6,000.00	304.00	200.00	504.00	10.00	314.00	200.00	514.00
6,250.00	6,749.99	6,500.00	329.30	216.70	546.00	10.00	339.30	216.70	556.00
6,750.00	7,249.99	7,000.00	354.70	233.30	588.00	10.00	364.70	233.30	598.00
7,250.00	7,749.99	7,500.00	380.00	250.00	630.00	10.00	390.00	250.00	640.00
7,750.00	8,249.99	8,000.00	405.30	266.70	672.00	10.00	415.30	266.70	682.00
8,250.00	8,749.99	8,500.00	430.70	283.30	714.00	10.00	440.70	283.30	724.00
8,750.00	9,249.99	9,000.00	456.00	300.00	756.00	10.00	466.00	300.00	766.00
9,250.00	9,749.99	9,500.00	481.30	316.70	798.00	10.00	491.30	316.70	808.00
9,750.00	10,249.99	10,000.00	506.70	333.30	840.00	10.00	516.70	333.30	850.00
10,250.00	10,749.99	10,500.00	532.00	350.00	882.00	10.00	542.00	350.00	892.00
10,750.00	11,249.99	11,000.00	557.30	366.70	924.00	10.00	567.30	366.70	934.00
11,250.00	11,749.99	11,500.00	582.70	383.30	966.00	10.00	592.70	383.30	976.00
11,750.00	12,249.99	12,000.00	608.00	400.00	1,008.00	10.00	618.00	400.00	1,018.00
12,250.00	12,749.99	12,500.00	633.30	416.70	1,050.00	10.00	643.30	416.70	1,060.00
12,750.00	13,249.99	13,000.00	658.70	433.30	1,092.00	10.00	668.70	433.30	1,102.00
13,250.00	13,749.99	13,500.00	684.00	450.00	1,134.00	10.00	694.00	450.00	1,144.00
13,750.00	14,249.99	14,000.00	709.30	466.70	1,176.00	10.00	719.30	466.70	1,186.00
14,250.00	14,749.99	14,500.00	734.70	483.30	1,218.00	10.00	744.70	483.30	1,228.00
14,750.00	over	15,000.00	760.00	500.00	1,260.00	10.00	770.00	500.00	1,270.00

Note) EC = Employee Compensation Contribution

9. Material Cost

Exchange Rate 1US$ = 52.28 PP = 120.12 yen

Item No.	Description	Unit	Local Market Price (PP)	CIF Price (PP)	Local Portion (PP)	Import Tax (%)	Import Tax (PP)	Value Added Tax (%)	Value Added Tax (PP)	Total Price (PP)	Components Foreign (%)	Components Local (%)	Components Tax (%)	Foreign (PP)	Local (PP)	Tax (PP)	Remarks
	1. Fuel																
M01005	Diesel Oil	ltr	12.10	7.87	2.35	10.0%	0.79	10.0%	1.10	12.10	65.0%	35.0%	15.6%	7.87	4.24	1.89	
M01006	Gasoline	ltr	14.20	9.23	2.76	10.0%	0.92	10.0%	1.29	14.20	65.0%	35.0%	15.6%	9.23	4.97	2.21	
M01007	Heavy Oil	ltr	9.77	6.35	1.90	10.0%	0.64	10.0%	0.89	9.77	65.0%	35.0%	15.6%	6.35	3.42	1.52	
M01008	Lubricant	ltr	43.10	28.02	8.37	10.0%	2.80	10.0%	3.92	43.10	65.0%	35.0%	15.6%	28.02	15.09	6.72	
M01009	Electric Supply	kWh	4.00	2.00	1.44	10.0%	0.20	10.0%	0.36	4.00	50.0%	50.0%	14.1%	2.00	2.00	0.56	
M01010	Water Supply	m3	66.20	6.62	52.90	10.0%	0.66	10.0%	6.02	66.20	10.0%	90.0%	10.1%	6.62	59.58	6.68	
M01015	Telecommunication Fare	min	1.00	0.45	0.41	10.0%	0.05	10.0%	0.09	1.00	45.0%	55.0%	13.6%	0.45	0.55	0.14	
M01020	Propane Gas	kg	32.60	16.30	11.71	10.0%	1.63	10.0%	2.96	32.60	50.0%	50.0%	14.1%	16.30	16.30	4.59	
	2. Steel																
M02001	Reinforcing Bars, Grade 40	kg	16.00	10.40	3.11	10.0%	1.04	10.0%	1.45	16.00	65.0%	35.0%	15.6%	10.40	5.60	2.49	
M02002	Reinforcing Bars, Grade 60	kg	17.00	11.05	3.30	10.0%	1.11	10.0%	1.55	17.00	65.0%	35.0%	15.6%	11.05	5.95	2.65	
M02011	Structural Steel (Round Bar, SS400)	kg	21.80	15.26	3.03	10.0%	1.53	10.0%	1.98	21.80	70.0%	30.0%	16.1%	15.26	6.54	3.51	
M02012	Structural Steel (Flat Bar, SS400)	kg	22.70	15.89	3.16	10.0%	1.59	10.0%	2.06	22.70	70.0%	30.0%	16.1%	15.89	6.81	3.65	
M02013	Structural Steel (H-Shape, SS400)	kg	17.60	12.32	2.45	10.0%	1.23	10.0%	1.60	17.60	70.0%	30.0%	16.1%	12.32	5.28	2.83	
M02014	Structural Steel (Shapes, SS400)	kg	17.60	12.32	2.45	10.0%	1.23	10.0%	1.60	17.60	70.0%	30.0%	16.1%	12.32	5.28	2.83	
M02015	Structural Steel (Plates, SS400)	kg	20.20	14.14	2.81	10.0%	1.41	10.0%	1.84	20.20	70.0%	30.0%	16.1%	14.14	6.06	3.25	
M02016	Structural Steel (Plates SMA400W)	kg	39.00	29.25	3.28	10.0%	2.93	10.0%	3.55	39.00	75.0%	25.0%	16.6%	29.25	9.75	6.47	
M02017	Structural Steel (Plates SMA490W)	kg	45.00	33.75	3.78	10.0%	3.38	10.0%	4.09	45.00	75.0%	25.0%	16.6%	33.75	11.25	7.47	
M02018	Structural Steel (Plates SMA570W)	kg	62.50	46.88	5.26	10.0%	4.69	10.0%	5.68	62.50	75.0%	25.0%	16.6%	46.88	15.63	10.37	
M02031	Steel Pipe	kg	23.90	16.73	3.32	10.0%	1.67	10.0%	2.17	23.90	70.0%	30.0%	16.1%	16.73	7.17	3.85	
M02041	Steel Sheet Pile	kg	32.10	22.47	4.46	10.0%	2.25	10.0%	2.92	32.10	70.0%	30.0%	16.1%	22.47	9.63	5.17	
M02061	Chain Link Wire Net	m2	168.00	117.60	23.37	10.0%	11.76	10.0%	15.27	168.00	70.0%	30.0%	16.1%	117.60	50.40	27.03	
M02062	Barbed Wire	m	2.50	0.88	1.31	10.0%	0.09	10.0%	0.23	2.50	35.0%	65.0%	12.6%	0.88	1.63	0.31	
M02071	High Tension Bolt M16	each	18.50	12.95	2.57	10.0%	1.30	10.0%	1.68	18.50	70.0%	30.0%	16.1%	12.95	5.55	2.98	
M02072	High Tension Bolt M20	each	29.20	20.44	4.06	10.0%	2.04	10.0%	2.65	29.20	70.0%	30.0%	16.1%	20.44	8.76	4.70	
M02073	High Tension Bolt M22	each	42.20	29.54	5.87	10.0%	2.95	10.0%	3.84	42.20	70.0%	30.0%	16.1%	29.54	12.66	6.79	
M02074	High Tension Bolt M24	each	62.70	43.89	8.72	10.0%	4.39	10.0%	5.70	62.70	70.0%	30.0%	16.1%	43.89	18.81	10.09	
M02301	Bolt M12x40	each	4.18	2.93	0.58	10.0%	0.29	10.0%	0.38	4.18	70.0%	30.0%	16.1%	2.93	1.25	0.67	
M02351	Bolt M16x50	each	7.83	5.48	1.09	10.0%	0.55	10.0%	0.71	7.83	70.0%	30.0%	16.1%	5.48	2.35	1.26	
M02359	Bolt M16x150	each	18.70	13.09	2.60	10.0%	1.31	10.0%	1.70	18.70	70.0%	30.0%	16.1%	13.09	5.61	3.01	
M02410	Bolt M20x140	each	28.20	19.74	3.92	10.0%	1.97	10.0%	2.56	28.20	70.0%	30.0%	16.1%	19.74	8.46	4.54	
M02501	Brass Plate	kg	228.00	159.60	31.71	10.0%	15.96	10.0%	20.73	228.00	70.0%	30.0%	16.1%	159.60	68.40	36.69	
M02511	Stainless Plate	kg	135.00	94.50	18.78	10.0%	9.45	10.0%	12.27	135.00	70.0%	30.0%	16.1%	94.50	40.50	21.72	
	3. Aggregate, Concrete																
M03001	Quarry Royalty (Borrow Soil)	m3	15.00	0.00	13.64	10.0%	0.00	10.0%	1.36	15.00	0.0%	100.0%	9.1%	0.00	15.00	1.36	
M03002	Quarry Royalty (Sand, Pebbles))	m3	15.00	0.00	13.64	10.0%	0.00	10.0%	1.36	15.00	0.0%	100.0%	9.1%	0.00	15.00	1.36	
M03003	Quarry Royalty (Aggregate)	m3	15.00	0.00	13.64	10.0%	0.00	10.0%	1.36	15.00	0.0%	100.0%	9.1%	0.00	15.00	1.36	
M03004	Quarry Royalty (Gravel/Stone)	m3	15.00	0.00	13.64	10.0%	0.00	10.0%	1.36	15.00	0.0%	100.0%	9.1%	0.00	15.00	1.36	
M03011	Portland Cement, ordinary	t	3,375.00	2,025.00	840.68	10.0%	202.50	10.0%	306.82	3,375.00	60.0%	40.0%	15.1%	2,025.00	1,350.00	509.32	
M03401	Admixture	kg	118.00	82.60	16.41	10.0%	8.26	10.0%	10.73	118.00	70.0%	30.0%	16.1%	82.60	35.40	18.99	
M03402	Non-shrink Admixture	kg	392.00	274.40	54.52	10.0%	27.44	10.0%	35.64	392.00	70.0%	30.0%	16.1%	274.40	117.60	63.08	
	4. Wood																
M04001	Lumber	m3	14,800.00	1,480.00	11,826.55	10.0%	148.00	10.0%	1,345.45	14,800.00	10.0%	90.0%	10.1%	1,480.00	13,320.00	1,493.45	
M04011	Plywood, 6x1200x2400	m2	80.00	8.00	63.93	10.0%	0.80	10.0%	7.27	80.00	10.0%	90.0%	10.1%	8.00	72.00	8.07	
	5. Temporary Material																
M05001	Formwork Lumber, use 4 times	m3	3,700.00	185.00	3,160.14	10.0%	18.50	10.0%	336.36	3,700.00	5.0%	95.0%	9.6%	185.00	3,515.00	354.86	

Item No.	Description	Unit	Local Market Price (PP)	CIF Price (PP)	Local Portion (PP)	Import Tax (%)	Import Tax (PP)	Value Added Tax (%)	Value Added Tax (PP)	Total Price (PP)	Components Foreign (%)	Components Local (%)	Components Tax (%)	Foreign (PP)	Local (PP)	Tax (PP)	Remarks
M05002	Formwork, Plywood 6x1200x2400, use 3 times	m2	27.00	1.35	23.06	10.0%	0.14	10.0%	2.45	27.00	5.0%	95.0%	9.6%	1.35	25.65	2.59	
M05031	Temporary Sheet Pile Depreciation	t·d	33.30	16.65	11.96	10.0%	1.67	10.0%	3.03	33.30	50.0%	50.0%	14.1%	16.65	16.65	4.69	
M05041	Temporary Steel Shapes Depreciation	t·d	31.30	15.65	11.24	10.0%	1.57	10.0%	2.85	31.30	50.0%	50.0%	14.1%	15.65	15.65	4.41	
M05051	Temporary Deck Plate Depreciation	m2·d	11.10	5.55	3.99	10.0%	0.56	10.0%	1.01	11.10	50.0%	50.0%	14.1%	5.55	5.55	1.56	
M05055	Temporary Pipe Railing Depreciation	m·d	1.33	0.67	0.48	10.0%	0.07	10.0%	0.12	1.33	50.0%	50.0%	14.1%	0.67	0.67	0.19	
M05061	Temporary Frame Support (Portal 914x1700)	day	1.53	0.77	0.55	10.0%	0.08	10.0%	0.14	1.53	50.0%	50.0%	14.1%	0.77	0.77	0.22	
M05062	Temporary Frame Support (Portal 1219x1700)	day	1.65	0.83	0.59	10.0%	0.08	10.0%	0.15	1.65	50.0%	50.0%	14.1%	0.83	0.83	0.23	
M05063	Temporary Frame Support (Portal 1219x1829)	day	2.31	1.16	0.83	10.0%	0.12	10.0%	0.21	2.31	50.0%	50.0%	14.1%	1.16	1.16	0.33	
M05064	Temporary Frame Support (bracing 914 x 1219)	day	0.59	0.30	0.21	10.0%	0.03	10.0%	0.05	0.59	50.0%	50.0%	14.1%	0.30	0.30	0.08	
M05065	Temporary Frame Support (bracing 1219 x 1219)	day	0.59	0.30	0.21	10.0%	0.03	10.0%	0.05	0.59	50.0%	50.0%	14.1%	0.30	0.30	0.08	
M05066	Temporary Frame Support (bracing 1829 x 1219)	day	0.59	0.30	0.21	10.0%	0.03	10.0%	0.05	0.59	50.0%	50.0%	14.1%	0.30	0.30	0.08	
	6. Paint & Adhesive																
M06001	Etching Primer for Steel	kg	274.00	178.10	53.18	10.0%	17.81	10.0%	24.91	274.00	65.0%	35.0%	15.6%	178.10	95.90	42.72	
M06003	Zinc Rich Primer for Steel	kg	374.00	243.10	72.59	10.0%	24.31	10.0%	34.00	374.00	65.0%	35.0%	15.6%	243.10	130.90	58.31	
M06011	Rustproof Lead Paint for Steel	kg	209.00	135.85	40.57	10.0%	13.59	10.0%	19.00	209.00	65.0%	35.0%	15.6%	135.85	73.15	32.59	
M06020	Silicon Alkyd Resin Paint for Steel	kg	250.00	162.50	48.52	10.0%	16.25	10.0%	22.73	250.00	65.0%	35.0%	15.6%	162.50	87.50	38.98	
M06021	Phenol Resin Paint for Steel	kg	272.00	176.80	52.79	10.0%	17.68	10.0%	24.73	272.00	65.0%	35.0%	15.6%	176.80	95.20	42.41	
M06022	Epoxy Resin Paint for Steel	kg	496.00	322.40	96.27	10.0%	32.24	10.0%	45.09	496.00	65.0%	35.0%	15.6%	322.40	173.60	77.33	
M06031	Emulsion Paint	kg	79.30	51.55	15.39	10.0%	5.15	10.0%	7.21	79.30	65.0%	35.0%	15.6%	51.55	27.76	12.36	
M06032	Polyvinyl Enamel Paint	kg	79.30	51.55	15.39	10.0%	5.15	10.0%	7.21	79.30	65.0%	35.0%	15.6%	51.55	27.76	12.36	
M06041	Road marking paint (White, solution type with glass beads 15～18%)	kg	62.70	40.76	12.17	10.0%	4.08	10.0%	5.70	62.70	65.0%	35.0%	15.6%	40.76	21.95	9.78	
M06042	Road marking paint (Yellow, solution type with glass beads 15～18%)	kg	64.60	41.99	12.54	10.0%	4.20	10.0%	5.87	64.60	65.0%	35.0%	15.6%	41.99	22.61	10.07	
	7. Road Material																
M07011	Prime Coat	t	22,635.00	14,712.75	4,393.25	10.0%	1,471.28	10.0%	2,057.73	22,635.00	65.0%	35.0%	15.6%	14,712.75	7,922.25	3,529.00	
M07012	Tack Coat	t	22,635.00	14,712.75	4,393.25	10.0%	1,471.28	10.0%	2,057.73	22,635.00	65.0%	35.0%	15.6%	14,712.75	7,922.25	3,529.00	
M07021	Asphalt Mixture	t	2,500.00	1,625.00	485.23	10.0%	162.50	10.0%	227.27	2,500.00	65.0%	35.0%	15.6%	1,625.00	875.00	389.77	
M07051	Rubberized Asphalt Agent	kg	24.40	15.86	4.74	10.0%	1.59	10.0%	2.22	24.40	65.0%	35.0%	15.6%	15.86	8.54	3.80	
M07052	Rubberized Asphalt	kg	18.70	12.16	3.63	10.0%	1.22	10.0%	1.70	18.70	65.0%	35.0%	15.6%	12.16	6.55	2.92	
M07101	Joint Filler (bituminous t=10mm)	m2	286.00	171.60	71.24	10.0%	17.16	10.0%	26.00	286.00	60.0%	40.0%	15.1%	171.60	114.40	43.16	
M07102	Joint Filler (bituminous t=12mm)	m2	343.00	205.80	85.44	10.0%	20.58	10.0%	31.18	343.00	60.0%	40.0%	15.1%	205.80	137.20	51.76	
M07103	Joint Filler (bituminous t=18mm)	m2	514.00	308.40	128.03	10.0%	30.84	10.0%	46.73	514.00	60.0%	40.0%	15.1%	308.40	205.60	77.57	
M07104	Joint Filler (bituminous t=20mm)	m2	571.00	342.60	142.23	10.0%	34.26	10.0%	51.91	571.00	60.0%	40.0%	15.1%	342.60	228.40	86.17	
M07107	Joint Filler (rubber foam t=20mm)	m2	1,500.00	900.00	373.64	10.0%	90.00	10.0%	136.36	1,500.00	60.0%	40.0%	15.1%	900.00	600.00	226.36	
M07111	Joint Sealant (10x10mm)	m	62.70	37.62	15.62	10.0%	3.76	10.0%	5.70	62.70	60.0%	40.0%	15.1%	37.62	25.08	9.46	
M07112	Joint Sealant (12x12mm)	m	75.20	45.12	18.73	10.0%	4.51	10.0%	6.84	75.20	60.0%	40.0%	15.1%	45.12	30.08	11.35	
M07113	Joint Sealant (18x18mm)	m	103.00	61.80	25.66	10.0%	6.18	10.0%	9.36	103.00	60.0%	40.0%	15.1%	61.80	41.20	15.54	
M07114	Joint Sealant (20x20mm)	m	115.00	69.00	28.65	10.0%	6.90	10.0%	10.45	115.00	60.0%	40.0%	15.1%	69.00	46.00	17.35	
M07117	Joint Sealant (liquid type)	kg	96.20	57.72	23.96	10.0%	5.77	10.0%	8.75	96.20	60.0%	40.0%	15.1%	57.72	38.48	14.52	
M07201	Traffic Sign Board (aluminum)	m2	13,800.00	8,970.00	2,678.45	10.0%	897.00	10.0%	1,254.55	13,800.00	65.0%	35.0%	15.6%	8,970.00	4,830.00	2,151.55	
M07271	Pedestrian Signal Lights (2 lamps)	set	47,400.00	26,070.00	14,413.91	10.0%	2,607.00	10.0%	4,309.09	47,400.00	55.0%	45.0%	14.6%	26,070.00	21,330.00	6,916.09	
M07272	Traffic Signal Lights (3 lamps)	set	99,900.00	54,945.00	30,378.68	10.0%	5,494.50	10.0%	9,081.82	99,900.00	55.0%	45.0%	14.6%	54,945.00	44,955.00	14,576.32	
M07273	Traffic Signal Lights (6 lamps)	set	186,000.00	102,300.00	56,560.91	10.0%	10,230.00	10.0%	16,909.09	186,000.00	55.0%	45.0%	14.6%	102,300.00	83,700.00	27,139.09	
M07401	Reflectorized Pavement Stud (one side reflective)	each	717.00	430.20	178.60	10.0%	43.02	10.0%	65.18	717.00	60.0%	40.0%	15.1%	430.20	286.80	108.20	

Item No.	Description	Unit	Local Market Price (PP)	CIF Price	Local Portion	Import Tax		Value Added Tax		Total Price	Components			Foreign	Local	Tax	Remarks
											Foreign	Local	Tax				
				(PP)	(PP)	(%)	(PP)	(%)	(PP)	(PP)	(%)	(%)	(%)	(PP)	(PP)	(PP)	
M07402	Reflectorized Pavement Stud (two sides reflective)	each	776.00	465.60	193.29	10.0%	46.56	10.0%	70.55	776.00	60.0%	40.0%	15.1%	465.60	310.40	117.11	
M07405	Chatter Bar	each	1,740.00	1,044.00	433.42	10.0%	104.40	10.0%	158.18	1,740.00	60.0%	40.0%	15.1%	1,044.00	696.00	262.58	
M07501	Delineator, Type A (ground standing type)	each	1,450.00	870.00	361.18	10.0%	87.00	10.0%	131.82	1,450.00	60.0%	40.0%	15.1%	870.00	580.00	218.82	
M07502	Delineator, Type B (on concrete)	each	1,360.00	816.00	338.76	10.0%	81.60	10.0%	123.64	1,360.00	60.0%	40.0%	15.1%	816.00	544.00	205.24	
M07503	Delineator, Type C (on guardrail)	each	564.00	338.40	140.49	10.0%	33.84	10.0%	51.27	564.00	60.0%	40.0%	15.1%	338.40	225.60	85.11	
M07601	Road Curve Mirror φ600	each	11,000.00	6,600.00	2,740.00	10.0%	660.00	10.0%	1,000.00	11,000.00	60.0%	40.0%	15.1%	6,600.00	4,400.00	1,660.00	
M07701	Removable Traffic Barrier	each	627.00	313.50	225.15	10.0%	31.35	10.0%	57.00	627.00	50.0%	50.0%	14.1%	313.50	313.50	88.35	
	8. Water Supply & Drainage Material																
M08301	PVC Pipe, φ40	m	46.70	23.35	16.77	10.0%	2.34	10.0%	4.25	46.70	50.0%	50.0%	14.1%	23.35	23.35	6.58	
M08302	PVC Pipe, φ50	m	66.70	33.35	23.95	10.0%	3.34	10.0%	6.06	66.70	50.0%	50.0%	14.1%	33.35	33.35	9.40	
M08303	PVC Pipe, φ65	m	93.00	46.50	33.40	10.0%	4.65	10.0%	8.45	93.00	50.0%	50.0%	14.1%	46.50	46.50	13.10	
M08304	PVC Pipe, φ75	m	183.00	91.50	65.71	10.0%	9.15	10.0%	16.64	183.00	50.0%	50.0%	14.1%	91.50	91.50	25.79	
M08310	PVC Pipe, φ100	m	200.00	100.00	71.82	10.0%	10.00	10.0%	18.18	200.00	50.0%	50.0%	14.1%	100.00	100.00	28.18	
M08315	PVC Pipe, φ150	m	432.00	216.00	155.13	10.0%	21.60	10.0%	39.27	432.00	50.0%	50.0%	14.1%	216.00	216.00	60.87	
M08320	PVC Pipe, φ200	m	713.00	356.50	256.03	10.0%	35.65	10.0%	64.82	713.00	50.0%	50.0%	14.1%	356.50	356.50	100.47	
M08700	Steel Gas Pipe, φ20	m	76.70	46.02	19.11	10.0%	4.60	10.0%	6.97	76.70	60.0%	40.0%	15.1%	46.02	30.68	11.57	
M08701	Steel Gas Pipe, φ25	m	117.00	70.20	29.14	10.0%	7.02	10.0%	10.64	117.00	60.0%	40.0%	15.1%	70.20	46.80	17.66	
M08702	Steel Gas Pipe, φ32	m	142.00	85.20	35.37	10.0%	8.52	10.0%	12.91	142.00	60.0%	40.0%	15.1%	85.20	56.80	21.43	
M08703	Steel Gas Pipe, φ40	m	167.00	100.20	41.60	10.0%	10.02	10.0%	15.18	167.00	60.0%	40.0%	15.1%	100.20	66.80	25.20	
M08704	Steel Gas Pipe, φ50	m	217.00	130.20	54.05	10.0%	13.02	10.0%	19.73	217.00	60.0%	40.0%	15.1%	130.20	86.80	32.75	
M08705	Steel Gas Pipe, φ65	m	251.00	150.60	62.52	10.0%	15.06	10.0%	22.82	251.00	60.0%	40.0%	15.1%	150.60	100.40	37.88	
M08706	Steel Gas Pipe, φ80	m	294.00	176.40	73.23	10.0%	17.64	10.0%	26.73	294.00	60.0%	40.0%	15.1%	176.40	117.60	44.37	
M08707	Steel Gas Pipe, φ100	m	410.00	246.00	102.13	10.0%	24.60	10.0%	37.27	410.00	60.0%	40.0%	15.1%	246.00	164.00	61.87	
M08708	Steel Gas Pipe, φ125	m	503.00	301.80	125.29	10.0%	30.18	10.0%	45.73	503.00	60.0%	40.0%	15.1%	301.80	201.20	75.91	
M08709	Steel Gas Pipe, φ150	m	707.00	424.20	176.11	10.0%	42.42	10.0%	64.27	707.00	60.0%	40.0%	15.1%	424.20	282.80	106.69	
M08710	Steel Gas Pipe, φ200	m	1,080.00	648.00	269.02	10.0%	64.80	10.0%	98.18	1,080.00	60.0%	40.0%	15.1%	648.00	432.00	162.98	
	9. Bridge, River, Marine Material																
M09001	Laminated Elastomeric Bearing Pad (400x300x50mm)	each	11,000.00	7,150.00	2,135.00	10.0%	715.00	10.0%	1,000.00	11,000.00	65.0%	35.0%	15.6%	7,150.00	3,850.00	1,715.00	
M09002	Laminated Elastomeric Bearing Pad (600x300x50mm)	each	15,800.00	10,270.00	3,066.64	10.0%	1,027.00	10.0%	1,436.36	15,800.00	65.0%	35.0%	15.6%	10,270.00	5,530.00	2,463.36	
M09003	Laminated Elastomeric Bearing Pad (600x350x50mm)	each	18,400.00	11,960.00	3,571.27	10.0%	1,196.00	10.0%	1,672.73	18,400.00	65.0%	35.0%	15.6%	11,960.00	6,440.00	2,868.73	
M09004	Laminated Elastomeric Bearing Pad (600x700x89mm)	each	66,600.00	43,290.00	12,926.45	10.0%	4,329.00	10.0%	6,054.55	66,600.00	65.0%	35.0%	15.6%	43,290.00	23,310.00	10,383.55	
M09005	Laminated Elastomeric Bearing Pad (600x400x50mm)	each	25,300.00	16,445.00	4,910.50	10.0%	1,644.50	10.0%	2,300.00	25,300.00	65.0%	35.0%	15.6%	16,445.00	8,855.00	3,944.50	
M09006	Laminated Elastomeric Bearing Pad (450x300x60mm)	each	14,200.00	9,230.00	2,756.09	10.0%	923.00	10.0%	1,290.91	14,200.00	65.0%	35.0%	15.6%	9,230.00	4,970.00	2,213.91	
M09007	Laminated Elastomeric Bearing Pad (550x300x50mm)	each	14,500.00	9,425.00	2,814.32	10.0%	942.50	10.0%	1,318.18	14,500.00	65.0%	35.0%	15.6%	9,425.00	5,075.00	2,260.68	
M09008	Laminated Elastomeric Bearing Pad (500x400x60mm)	each	21,100.00	13,715.00	4,095.32	10.0%	1,371.50	10.0%	1,918.18	21,100.00	65.0%	35.0%	15.6%	13,715.00	7,385.00	3,289.68	
M09011	Elastomeric Pad (t=25mm)	m2	12,800.00	8,320.00	2,484.36	10.0%	832.00	10.0%	1,163.64	12,800.00	65.0%	35.0%	15.6%	8,320.00	4,480.00	1,995.64	
M09012	Elastomeric Pad (t=40mm)	m2	20,500.00	13,325.00	3,978.86	10.0%	1,332.50	10.0%	1,863.64	20,500.00	65.0%	35.0%	15.6%	13,325.00	7,175.00	3,196.14	
M09013	Elastomeric Pad (t=50mm)	m2	25,700.00	16,705.00	4,988.14	10.0%	1,670.50	10.0%	2,336.36	25,700.00	65.0%	35.0%	15.6%	16,705.00	8,995.00	4,006.86	
M09104	Bearing Shoe (rubber enclosed type), 250t	each	291,000.00	203,700.00	40,475.45	10.0%	20,370.00	10.0%	26,454.55	291,000.00	70.0%	30.0%	16.1%	203,700.00	87,300.00	46,824.55	
M09106	Bearing Shoe (rubber enclosed type), 650t	each	764,000.00	534,800.00	106,265.45	10.0%	53,480.00	10.0%	69,454.55	764,000.00	70.0%	30.0%	16.1%	534,800.00	229,200.00	122,934.55	

Item No.	Description	Unit	Local Market Price (PP)	CIF Price (PP)	Local Portion (PP)	Import Tax (%)	Import Tax (PP)	Value Added Tax (%)	Value Added Tax (PP)	Total Price (PP)	Components Foreign (%)	Components Local (%)	Components Tax (%)	Foreign (PP)	Local (PP)	Tax (PP)	Remarks
M09108	Bearing Shoe (rubber enclosed type), 650t	each	764,000.00	534,800.00	106,265.45	10.0%	53,480.00	10.0%	69,454.55	764,000.00	70.0%	30.0%	16.1%	534,800.00	229,200.00	122,934.55	
M09197	Expansion Joint, Multiflex 35	m	21,700.00	14,105.00	4,211.77	10.0%	1,410.50	10.0%	1,972.73	21,700.00	65.0%	35.0%	15.6%	14,105.00	7,595.00	3,383.23	
M09198	Expansion Joint, Multiflex 50	m	39,200.00	25,480.00	7,608.36	10.0%	2,548.00	10.0%	3,563.64	39,200.00	65.0%	35.0%	15.6%	25,480.00	13,720.00	6,111.64	
M09199	Expansion Joint, Multiflex 70	m	56,400.00	36,660.00	10,946.73	10.0%	3,666.00	10.0%	5,127.27	56,400.00	65.0%	35.0%	15.6%	36,660.00	19,740.00	8,793.27	
M09200	Expansion Joint, Multiflex 80	m	64,600.00	41,990.00	12,538.27	10.0%	4,199.00	10.0%	5,872.73	64,600.00	65.0%	35.0%	15.6%	41,990.00	22,610.00	10,071.73	
M09201	Expansion Joint, Multiflex 100	m	74,400.00	48,360.00	14,440.36	10.0%	4,836.00	10.0%	6,763.64	74,400.00	65.0%	35.0%	15.6%	48,360.00	26,040.00	11,599.64	
M09202	Expansion Joint, Multiflex 140	m	93,800.00	60,970.00	18,205.73	10.0%	6,097.00	10.0%	8,527.27	93,800.00	65.0%	35.0%	15.6%	60,970.00	32,830.00	14,624.27	
M09203	Expansion Joint, Multiflex 160	m	107,000.00	69,550.00	20,767.73	10.0%	6,955.00	10.0%	9,727.27	107,000.00	65.0%	35.0%	15.6%	69,550.00	37,450.00	16,682.27	
M09204	Expansion Joint, Multiflex 200	m	122,000.00	79,300.00	23,679.09	10.0%	7,930.00	10.0%	11,090.91	122,000.00	65.0%	35.0%	15.6%	79,300.00	42,700.00	19,020.91	
M09205	Expansion Joint, Multiflex 230	m	141,000.00	91,650.00	27,366.82	10.0%	9,165.00	10.0%	12,818.18	141,000.00	65.0%	35.0%	15.6%	91,650.00	49,350.00	21,983.18	
M09206	Expansion Joint, Multiflex 330	m	250,000.00	162,500.00	48,522.73	10.0%	16,250.00	10.0%	22,727.27	250,000.00	65.0%	35.0%	15.6%	162,500.00	87,500.00	38,977.27	
M09305	PC Strand, T12.4	kg	110.00	77.00	15.30	10.0%	7.70	10.0%	10.00	110.00	70.0%	30.0%	16.1%	77.00	33.00	17.70	
M09306	PC Strand, T12.7	kg	113.00	79.10	15.72	10.0%	7.91	10.0%	10.27	113.00	70.0%	30.0%	16.1%	79.10	33.90	18.18	
M09307	PC Strand, T15.2	kg	119.00	83.30	16.55	10.0%	8.33	10.0%	10.82	119.00	70.0%	30.0%	16.1%	83.30	35.70	19.15	
M09313	PC Tendon, φ32	kg	136.00	95.20	18.92	10.0%	9.52	10.0%	12.36	136.00	70.0%	30.0%	16.1%	95.20	40.80	21.88	
M09322	PC Sheath, φ28	m	52.20	33.93	10.13	10.0%	3.39	10.0%	4.75	52.20	65.0%	35.0%	15.6%	33.93	18.27	8.14	
M09331	PC Sheath, φ60	m	115.00	74.75	22.32	10.0%	7.48	10.0%	10.45	115.00	65.0%	35.0%	15.6%	74.75	40.25	17.93	
M09332	PC Sheath, φ65	m	123.00	79.95	23.87	10.0%	8.00	10.0%	11.18	123.00	65.0%	35.0%	15.6%	79.95	43.05	19.18	
M09333	PC Sheath, φ70	m	134.00	87.10	26.01	10.0%	8.71	10.0%	12.18	134.00	65.0%	35.0%	15.6%	87.10	46.90	20.89	
M09334	PC Sheath, φ75	m	150.00	97.50	29.11	10.0%	9.75	10.0%	13.64	150.00	65.0%	35.0%	15.6%	97.50	52.50	23.39	
M09344	PC Anchorage, 110,130t 7T13M (T)	set	5,030.00	3,772.50	422.98	10.0%	377.25	10.0%	457.27	5,030.00	75.0%	25.0%	16.6%	3,772.50	1,257.50	834.52	
M09345	PC Anchorage, 130,150t 8T13M (T)	set	5,790.00	4,342.50	486.89	10.0%	434.25	10.0%	526.36	5,790.00	75.0%	25.0%	16.6%	4,342.50	1,447.50	960.61	
M09346	PC Anchorage 195,225t 12T13M (T)	set	8,040.00	6,030.00	676.09	10.0%	603.00	10.0%	730.91	8,040.00	75.0%	25.0%	16.6%	6,030.00	2,010.00	1,333.91	
M09348	PC Anchorage 30t 1T15.2 (T)	set	828.00	621.00	69.63	10.0%	62.10	10.0%	75.27	828.00	75.0%	25.0%	16.6%	621.00	207.00	137.37	
M09354	PC Anchorage φ32 (T)	set	1,250.00	937.50	105.11	10.0%	93.75	10.0%	113.64	1,250.00	75.0%	25.0%	16.6%	937.50	312.50	207.39	
M09364	PC Anchorage 110,130t 7T13E (F)	set	7,330.00	5,497.50	616.39	10.0%	549.75	10.0%	666.36	7,330.00	75.0%	25.0%	16.6%	5,497.50	1,832.50	1,216.11	
M09365	PC Anchorage 130,150t 8T13E (F)	set	7,950.00	5,962.50	668.52	10.0%	596.25	10.0%	722.73	7,950.00	75.0%	25.0%	16.6%	5,962.50	1,987.50	1,318.98	
M09366	PC Anchorage 195,225t 12T13E (F)	set	10,600.00	7,950.00	891.36	10.0%	795.00	10.0%	963.64	10,600.00	75.0%	25.0%	16.6%	7,950.00	2,650.00	1,758.64	
M09368	PC Anchorage 30t 1T15.2 (F)	set	1,070.00	802.50	89.98	10.0%	80.25	10.0%	97.27	1,070.00	75.0%	25.0%	16.6%	802.50	267.50	177.52	
M09374	PC Anchorage φ32 (F)	set	1,520.00	1,140.00	127.82	10.0%	114.00	10.0%	138.18	1,520.00	75.0%	25.0%	16.6%	1,140.00	380.00	252.18	
M09602	Gabion Cage 500x1000x2000	each	710.00	213.00	411.15	10.0%	21.30	10.0%	64.55	710.00	30.0%	70.0%	12.1%	213.00	497.00	85.85	
M09605	Gabion Mat Cage H=300mm	m2	617.00	185.10	357.30	10.0%	18.51	10.0%	56.09	617.00	30.0%	70.0%	12.1%	185.10	431.90	74.60	
	10. Common Material																
M10201	Waterproofing sheet	m2	460.00	276.00	114.58	10.0%	27.60	10.0%	41.82	460.00	60.0%	40.0%	15.1%	276.00	184.00	69.42	
M10202	Filter Cloth	m2	82.30	49.38	20.50	10.0%	4.94	10.0%	7.48	82.30	60.0%	40.0%	15.1%	49.38	32.92	12.42	
M10211	Waterstop	m	282.00	169.20	70.24	10.0%	16.92	10.0%	25.64	282.00	60.0%	40.0%	15.1%	169.20	112.80	42.56	
M10301	Styrofoam	m3	5,180.00	3,108.00	1,290.29	10.0%	310.80	10.0%	470.91	5,180.00	60.0%	40.0%	15.1%	3,108.00	2,072.00	781.71	
	11. Landscaping Material																
M11001	Tree H=0.5m	each	110.00	7.70	91.53	10.0%	0.77	10.0%	10.00	110.00	7.0%	93.0%	9.8%	7.70	102.30	10.77	
M11002	Tree H=1m	each	215.00	15.05	178.90	10.0%	1.51	10.0%	19.55	215.00	7.0%	93.0%	9.8%	15.05	199.95	21.05	
M11003	Tree H=1.5m	each	503.00	35.21	418.54	10.0%	3.52	10.0%	45.73	503.00	7.0%	93.0%	9.8%	35.21	467.79	49.25	
M11004	Tree H=2m	each	838.00	58.66	697.29	10.0%	5.87	10.0%	76.18	838.00	7.0%	93.0%	9.8%	58.66	779.34	82.05	
M11005	Tree H=2.5m	each	1,270.00	88.90	1,056.76	10.0%	8.89	10.0%	115.45	1,270.00	7.0%	93.0%	9.8%	88.90	1,181.10	124.34	
M11006	Tree H=3m	each	2,630.00	184.10	2,188.40	10.0%	18.41	10.0%	239.09	2,630.00	7.0%	93.0%	9.8%	184.10	2,445.90	257.50	
M11111	Sod	m2	29.40	2.06	24.46	10.0%	0.21	10.0%	2.67	29.40	7.0%	93.0%	9.8%	2.06	27.34	2.88	
	12. Architectural Material																
M12001	Brick 2"x4"x8" (50x100x200mm)	each	5.50	0.83	4.09	10.0%	0.08	10.0%	0.50	5.50	15.0%	85.0%	10.6%	0.83	4.68	0.58	
M12011	Concrete Hollow Block (load bearing) 4"x8"x16" (100x200x400mm)	each	10.00	2.50	6.34	10.0%	0.25	10.0%	0.91	10.00	25.0%	75.0%	11.6%	2.50	7.50	1.16	
M12012	Concrete Hollow Block (load bearing) 6"x8"x16" (150x200x400mm)	each	12.00	3.00	7.61	10.0%	0.30	10.0%	1.09	12.00	25.0%	75.0%	11.6%	3.00	9.00	1.39	

Item No.	Description	Unit	Local Market Price (PP)	CIF Price	Local Portion	Import Tax		Value Added Tax		Total Price	Components			Foreign	Local	Tax	Remarks
											Foreign	Local	Tax				
				(PP)	(PP)	(%)	(PP)	(%)	(PP)	(PP)	(%)	(%)	(%)	(PP)	(PP)	(PP)	
M12013	Concrete Hollow Block (non load) 4"x8"x16" (100x200x400mm)	each	6.50	1.63	4.12	10.0%	0.16	10.0%	0.59	6.50	25.0%	75.0%	11.6%	1.63	4.88	0.75	
M12014	Concrete Hollow Block (non load) 6"x8"x16" (150x200x400mm)	each	7.50	1.88	4.76	10.0%	0.19	10.0%	0.68	7.50	25.0%	75.0%	11.6%	1.88	5.63	0.87	
M12051	Unglazed Tile 200x200m	each	21.20	8.48	9.94	10.0%	0.85	10.0%	1.93	21.20	40.0%	60.0%	13.1%	8.48	12.72	2.78	
M12101	Chain Link Fence Fabric	m	1,460.00	730.00	524.27	10.0%	73.00	10.0%	132.73	1,460.00	50.0%	50.0%	14.1%	730.00	730.00	205.73	
M12111	Galvanized Iron Sheet, colored	m2	118.00	70.80	29.39	10.0%	7.08	10.0%	10.73	118.00	60.0%	40.0%	15.1%	70.80	47.20	17.81	
M12112	Corrugated Galvanized Iron Sheet, colored	m2	122.00	73.20	30.39	10.0%	7.32	10.0%	11.09	122.00	60.0%	40.0%	15.1%	73.20	48.80	18.41	
M12211	Insulation, Grasswool	m2	57.00	31.35	17.33	10.0%	3.14	10.0%	5.18	57.00	55.0%	45.0%	14.6%	31.35	25.65	8.32	
M12221	Gypsum Board Ceiling	m2	137.00	75.35	41.66	10.0%	7.54	10.0%	12.45	137.00	55.0%	45.0%	14.6%	75.35	61.65	19.99	
M12251	Steel Door with Steel Panels 900x2100mm	each	5,530.00	2,488.50	2,289.92	10.0%	248.85	10.0%	502.73	5,530.00	45.0%	55.0%	13.6%	2,488.50	3,041.50	751.58	
M12252	Flush Type Hollow Core Door with 6mm thick ordinary plywood 800x2100mm	each	2,500.00	500.00	1,722.73	10.0%	50.00	10.0%	227.27	2,500.00	20.0%	80.0%	11.1%	500.00	2,000.00	277.27	
M12253	Flush Type Hollow Core Door with 6mm thick marine plywood 600x2100mm	each	1,870.00	374.00	1,288.60	10.0%	37.40	10.0%	170.00	1,870.00	20.0%	80.0%	11.1%	374.00	1,496.00	207.40	
M12261	Jalousie Window with Steel Blades 2100x1500mm	each	6,750.00	3,037.50	2,795.11	10.0%	303.75	10.0%	613.64	6,750.00	45.0%	55.0%	13.6%	3,037.50	3,712.50	917.39	
M12262	Jalousie Window with Steel Blades 3900x1500mm	each	12,500.00	5,625.00	5,176.14	10.0%	562.50	10.0%	1,136.36	12,500.00	45.0%	55.0%	13.6%	5,625.00	6,875.00	1,698.86	
M12263	Jalousie Window with Steel Blades 1400x900	each	2,640.00	1,188.00	1,093.20	10.0%	118.80	10.0%	240.00	2,640.00	45.0%	55.0%	13.6%	1,188.00	1,452.00	358.80	
M12264	Jalousie Window with Steel Blades 820x250	each	458.00	206.10	189.65	10.0%	20.61	10.0%	41.64	458.00	45.0%	55.0%	13.6%	206.10	251.90	62.25	
M12271	Floor Drain	each	266.00	119.70	110.15	10.0%	11.97	10.0%	24.18	266.00	45.0%	55.0%	13.6%	119.70	146.30	36.15	
M12272	Urinal	each	2,310.00	1,270.50	702.45	10.0%	127.05	10.0%	210.00	2,310.00	55.0%	45.0%	14.6%	1,270.50	1,039.50	337.05	
M12273	Toilet Stool	each	5,110.00	2,810.50	1,553.90	10.0%	281.05	10.0%	464.55	5,110.00	55.0%	45.0%	14.6%	2,810.50	2,299.50	745.60	
M12274	Lavatory Wash Basin	each	2,920.00	1,606.00	887.95	10.0%	160.60	10.0%	265.45	2,920.00	55.0%	45.0%	14.6%	1,606.00	1,314.00	426.05	
M12275	Shower	each	2,120.00	1,060.00	761.27	10.0%	106.00	10.0%	192.73	2,120.00	50.0%	50.0%	14.1%	1,060.00	1,060.00	298.73	
M12276	Shower Drain	each	343.00	154.35	142.03	10.0%	15.44	10.0%	31.18	343.00	45.0%	55.0%	13.6%	154.35	188.65	46.62	
M12277	Clean Out	each	319.00	143.55	132.10	10.0%	14.36	10.0%	29.00	319.00	45.0%	55.0%	13.6%	143.55	175.45	43.36	
M12278	Sink (1 basin with table)	each	6,230.00	2,803.50	2,579.79	10.0%	280.35	10.0%	566.36	6,230.00	45.0%	55.0%	13.6%	2,803.50	3,426.50	846.71	
M12279	Kitchen Sink (1 basin + flat with table)	each	9,010.00	4,054.50	3,730.96	10.0%	405.45	10.0%	819.09	9,010.00	45.0%	55.0%	13.6%	4,054.50	4,955.50	1,224.54	
	13. Electrical Material																
M13001	Street Lighting Fixture (110~400W)	each	7,920.00	4,752.00	1,972.80	10.0%	475.20	10.0%	720.00	7,920.00	60.0%	40.0%	15.1%	4,752.00	3,168.00	1,195.20	
M13011	Street Lighting Stabilizer	each	2,600.00	1,690.00	504.64	10.0%	169.00	10.0%	236.36	2,600.00	65.0%	35.0%	15.6%	1,690.00	910.00	405.36	
M13021	Street Lighting Lamp	each	1,320.00	792.00	328.80	10.0%	79.20	10.0%	120.00	1,320.00	60.0%	40.0%	15.1%	792.00	528.00	199.20	
M13051	Electric Cable	m	62.30	34.27	18.94	10.0%	3.43	10.0%	5.66	62.30	55.0%	45.0%	14.6%	34.27	28.04	9.09	
M13052	Electric Conduit	m	67.90	30.56	28.12	10.0%	3.06	10.0%	6.17	67.90	45.0%	55.0%	13.6%	30.56	37.35	9.23	
M13061	Lighting Panel for Street Lights	each	20,300.00	11,165.00	6,173.05	10.0%	1,116.50	10.0%	1,845.45	20,300.00	55.0%	45.0%	14.6%	11,165.00	9,135.00	2,961.95	
M13071	Electric Service Meter for Street Lighting	each	3,800.00	2,470.00	737.55	10.0%	247.00	10.0%	345.45	3,800.00	65.0%	35.0%	15.6%	2,470.00	1,330.00	592.45	
M13131	Ceiling Lamp, 40W 220V Fluorescent Lighting Fixtures, Box Type	each	496.00	297.60	123.55	10.0%	29.76	10.0%	45.09	496.00	60.0%	40.0%	15.1%	297.60	198.40	74.85	
M13141	Ceiling Lamp, SL-18 with Hexless Type, Medium Base Porcelain Receptacle	each	172.00	103.20	42.84	10.0%	10.32	10.0%	15.64	172.00	60.0%	40.0%	15.1%	103.20	68.80	25.96	
M13151	One-way Wall Switch	each	30.50	16.78	9.27	10.0%	1.68	10.0%	2.77	30.50	55.0%	45.0%	14.6%	16.78	13.73	4.45	
M13152	2 One-way Wall Switches on one Gang Plate	each	80.50	44.28	24.48	10.0%	4.43	10.0%	7.32	80.50	55.0%	45.0%	14.6%	44.28	36.23	11.75	
M13153	3 One-way Wall Switches on one Gang Plate	each	103.00	56.65	31.32	10.0%	5.67	10.0%	9.36	103.00	55.0%	45.0%	14.6%	56.65	46.35	15.03	

Item No.	Description	Unit	Local Market Price (PP)	CIF Price	Local Portion	Import Tax		Value Added Tax		Total Price	Components			Foreign	Local	Tax	Remarks
											Foreign	Local	Tax				
				(PP)	(PP)	(%)	(PP)	(%)	(PP)	(PP)	(%)	(%)	(%)	(PP)	(PP)	(PP)	
M13154	Duplex Convenience Outlet, Grounding Type	each	80.50	44.28	24.48	10.0%	4.43	10.0%	7.32	80.50	55.0%	45.0%	14.6%	44.28	36.23	11.75	
M13155	Heavy Duty Convenience Outlets, Single Grounding Type	each	129.00	70.95	39.23	10.0%	7.10	10.0%	11.73	129.00	55.0%	45.0%	14.6%	70.95	58.05	18.82	
M13156	Air Conditioning Outlet Grounding Type with Automatic Circuit Breaker in One Enclosure	each	694.00	381.70	211.04	10.0%	38.17	10.0%	63.09	694.00	55.0%	45.0%	14.6%	381.70	312.30	101.26	
M13157	Enclosed Automatic Circuit Breaker	each	8,190.00	5,323.50	1,589.60	10.0%	532.35	10.0%	744.55	8,190.00	65.0%	35.0%	15.6%	5,323.50	2,866.50	1,276.90	
M13158	Distribution Panel Board	each	12,100.00	7,260.00	3,014.00	10.0%	726.00	10.0%	1,100.00	12,100.00	60.0%	40.0%	15.1%	7,260.00	4,840.00	1,826.00	
M13159	Pull Box or Junction Box	each	1,040.00	624.00	259.05	10.0%	62.40	10.0%	94.55	1,040.00	60.0%	40.0%	15.1%	624.00	416.00	156.95	
M13160	Electric Service Meter	each	3,610.00	2,346.50	700.67	10.0%	234.65	10.0%	328.18	3,610.00	65.0%	35.0%	15.6%	2,346.50	1,263.50	562.83	
M13161	Concealed or Embedded Conduit Run	m	7.52	3.76	2.70	10.0%	0.38	10.0%	0.68	7.52	50.0%	50.0%	14.1%	3.76	3.76	1.06	
M13162	Underground or Underfloor Conduit Run	m	34.00	17.00	12.21	10.0%	1.70	10.0%	3.09	34.00	50.0%	50.0%	14.1%	17.00	17.00	4.79	
M13163	Perimeter Lighting, 160W 220V Mercury Lamp	each	909.00	545.40	226.42	10.0%	54.54	10.0%	82.64	909.00	60.0%	40.0%	15.1%	545.40	363.60	137.18	
M13164	Galvanized Steel Lighting Post H=3.5m	each	4,670.00	2,802.00	1,163.25	10.0%	280.20	10.0%	424.55	4,670.00	60.0%	40.0%	15.1%	2,802.00	1,868.00	704.75	
M13165	Underground or Underfloor Conduit Run	m	58.40	35.04	14.55	10.0%	3.50	10.0%	5.31	58.40	60.0%	40.0%	15.1%	35.04	23.36	8.81	
	15. Other Materials																
M15101	Film ASA 400 x 36	each	169.00	118.30	23.51	10.0%	11.83	10.0%	15.36	169.00	70.0%	30.0%	16.1%	118.30	50.70	27.19	
M15102	Film Development	each	45.00	6.75	33.48	10.0%	0.68	10.0%	4.09	45.00	15.0%	85.0%	10.6%	6.75	38.25	4.77	
M15103	Picture Prints	each	6.00	0.90	4.46	10.0%	0.09	10.0%	0.55	6.00	15.0%	85.0%	10.6%	0.90	5.10	0.64	

10. Equipment Operation Cost Based On Rental Cost

Exchange Rate US$ = 52.28 PP = 120.12 yen

1) Operated Hour and Bare Month Rental Costs are based on "Equipment Guide Book" Association of Carriers and Equipment Lessors (ACEL), INC. Nov. 1998.

Summary of Terms and Condition of Rental Cost and consideration.

	Operated Equipment Rental Contract		Bare Equipment Rental Contract (Month to Month Contract)
	Day to Day Contract	Month to Month Contract	
Minimum Charge	Min. 10 hours/day (operating and/or standby) for the first shift + actual operating hour for succeeding shift	Min. 200 hours/month for the first month + actual operation hours	Min. 200 hours/month (use or non-use)
Charge in case of idle due to lack of fuel/lubricant	10 hours/day	8 hours/day	-
Charge in case of non usage (Standby or waiting)	Minimum daily rental or monthly	Minimum daily rental or monthly	-
Charge in case of Unworkable Conditions	500.00 PP/day or 2 hour rental whichever is higher	500.00 PP/day or 2 hour rental whichever is higher	-
Operation on holidays and Sundays		min. 8 hours/day will be charged	min. 8 hours/day will be charged
Charged Period	Duration between leaving from and returning to Lessor's yard.	Duration between leaving from and returning to Lessor's yard.	Duration between leaving from and returning to Lessor's yard.
Mobilization	Not included (Lessee)	Not included (Lessee)	Not included (Lessee)
Operator	Included (Lessor)	Included (Lessor)	Not included (Lessee)
Maintenance	Included (Lessor)	Included (Lessor)	Not included (Lessee)
Fuel	Included (Lessor) but the price differential with Metro Manila shall be borne by Lessee	Included (Lessor) but the price differential with Metro Manila shall be borne by Lessee	Not included (Lessee)
Project outside Metro Manila	Min. 2% extra outside Metro Manila	Min. 2% extra outside Metro Manila	Case to case basis depending on the proximity or isolation of the project from Metro Manila
Monthly Rental Cost	(Hourly Cost x 10 hr x 30 days) x 1.02 (for outside Metro Manila) = 306 x Hourly Cost	(Hourly Cost x 200 hr) x 1.02 (for outside Metro Manila) = 204 x Hourly Cost	Bare Monthly Cost x 1.02 (for outside Metro Manila) = 1.02 x Bare Month Cost
Hourly Operation Cost	Monthly Rental Cost / Working days / Daily Operation Hour	Monthly Rental Cost / Working days / Daily Operation Hour	Monthly Rental Cost / Working days / Daily Operation Hour + Operator + Maintenance + Fuel
Consideration	Not to be considered as obviously more expensive than Month to Month Contract.	To be compared with Bare Month Contract.	To be compared with Month to Month Contract by hourly rental cost.

Therefore, Month to Month Contract based on Operated Equipment Rental Contract and Month to Month Contract based on Bare Equipment Rental Contract will be compared and whichever the lesser will be adopted for cost estimation.

2) Hourly (or Daily) Operation Cost based on Month to Month Operated Equipment Rental Contract is calculated considering the extra out of Metro Manila, standard monthly operation hours and operation days.

Minimum charged hours per month = 200 hrs
Extra outside Metro Manila = 2%

$$\text{Hourly (or Daily) Operation Cost} = \frac{\text{Operated Hour Rental Cost} \times 200\text{ hr} \times 1.02}{\text{Monthly Operation Hours (or Monthly Operation Days)}}$$

3) Hourly (or Daily) Operation Cost based on Bare Equipment Rental Contract is calculated considering the standard monthly operation hours, operation days, maintenance cost and fuel costs borne by the lessee.

Extra outside Metro Manila = 2%

$$\text{Hourly (or Daily) Operation Cost} = \frac{\text{Bare Month Rental Cost} \times 1.02 \times (1 + \text{Maintenance Rate})}{\text{Monthly Operation Hours (or Monthly Operation Days)}} + \text{Operator/Driver Cost} + \text{Fuel Consumption Cost}$$

$$\text{Operator/Driver Cost} = \frac{\text{Daily Operator/Driver Cost} \times \text{Monthly Working Days}}{\text{Standard Monthly Operation Hours (or Days)}}$$

Fuel Consumption Cost = Equipment Power x Hourly Fuel Consumption rate (for daily cost: x Operation Hours per Working Day)

Daily operation hours to calculate the daily fuel consumption cost is taken as 6.00 hours

4) The equipment shall be operated by operator having special license, driver with ordinary license and skilled labor depending on the equipment.

421.00 PP/day
368.00 PP/day
403.00 PP/day

5) Fuel Consumption Rates are based on Japanese Cost Estimation Standard.

				Foreign	Local
Fuel	D	: Diesel	12.10 PP/ltr	65.0%	35.0%
	E	: Electricity	4.00 PP/kWh	50.0%	50.0%
	G	: Gasoline	14.20 PP/ltr	65.0%	35.0%
	H	: Heavy Oil	9.77 PP/ltr	65.0%	35.0%

6) Mobilization and demobilization costs to and from the site are not included in the operation cost but to be considered in separate item.

7) Powers given in Horse Power (HP) in the Guide Book of ACEL are converted to kW by 1 HP = 0.75 kW.

8) Values marked with "*1)" are the equipment power assumed from Construction Equipment Data Book of Japan as not specified in ACEL Guide Book.

9) Values marked with "*2)" for Diesel Hammers are the ram weight instead of power.

10) Standard Operation Hours per Working Day are derived from Construction Equipment Data Book of Japan

11) Standard Monthly Working Days and Operation Hours are calculated as follows:

National Holidays =	9 days/year	
Work Days/Week =	6 day/week	= (7 Weekdays - Sunday)
Annual Rainy Days =	50.2 days/year	= (Daily Precipitation of 10mm and more)
Annual Workable Days =	263 days	= [(365/7)week x Weekly work days / 365] x [(365-Holidays)/365] x [1-(Annual Rainy Days/365)] x 365 days
Monthly Working Days =	22 days	= Annual Workable Days / 12 Months
Monthly Operation Hours =	Operation Hours per Working Day x Standard Monthly Operation Days	

10) Maintenance Rates are assumed values.

11) Components of Labor, Material and Equipment are calculated by the following rules:

In case of Month to Month Contract with Operated Hour Rental Cost, all the cost are counted as Equipment Cost. That is,

Labor = 0%
Material = 0%
Equipment = 100%

In case of Bare Month Rental Cost, the components are calculated by the following rules

Labor = Operator/Driver Cost
Material = Fuel Cost
Equipment = Bare Month Rental Cost including maintenance cost and extra outside Metro Manila

12) Components of Foreign and Local are calculated on the basis that the foreign portions in bare rental cost, maintenance , operation and fuel cost are as assumed as in the following table and calculated as in the equation given below.

	Foreign Portion
Bare Month Rental Cost	55%
Maintenance Cost	20%
Operator/Driver Cost	0%
Fuel Cost	*MF% as in material cost*

$$\text{Foreign Portion of Operation Cost} = \frac{\text{Bare Month Rental Cost} \times 1.02 \times (55.0\% + \text{Maintenance Rate} \times 20.0\%)}{\text{Monthly Operation Hours (or Monthly Operation Days)}} + \text{Operator/Driver Cost} \times 0.0\% + \text{Fuel Consumption Cost} \times \text{MF\%}$$

No.	Item	Power (kW)	Weight (t)	Operated Hour Rental Cost (PP/hr)	Bare Month Rental Cost (PP/month)	Operation Hours per Working Day (hr/day)	Standard Monthly Operation Days (days)	Standard Monthly Operation Hours (hr)	Maintenance Rate (%)	Operator / Driver (PP/day)	Hourly Fuel Consumption: Type	Rate (ltr/kW-hr kWh/kW-hr)	Amount (ltr/hr (kWh/hr)	Cost (PP/hr)	Hourly (or Daily) Operation Cost: Unit	Based on Hourly Rental Cost (PP)	Based on Bare Month Rental Cost (PP)	Adopted Rental Cost (PP)	Components (%): Labor	Material	Equip.	Foreign	Local	Remarks
	1. Excavation Equipment																							
R0101-015	Tractor, crawler w/dozer (Bulldozer, 15t)	92.5	14.60	1,933.00	268,806.00	5.27	22.0	115.94	2.0%	1 421.00	D	0.188	17.39	210.00	hr	3,400.00	2,700.00	2,700.00	3.0%	7.8%	89.2%	53.6%	46.4%	P39, Komatsu, D53P-17 (P139)
R0101-021	Tractor, crawler w/dozer (Bulldozer, 21t)	149.0	20.67	3,623.00	521,919.00	6.58	22.0	144.76	2.0%	1 421.00	D	0.188	28.01	339.00	hr	5,110.00	4,150.00	4,150.00	1.5%	8.2%	90.3%	54.4%	45.6%	P38, Komatsu, D85E-SS-2A (P142)
R0102-010	Backhoe, hydraulic, crawler, 0.11m3	26.0		577.00	71,535.00		22.0	0.00	2.0%	1 421.00	D	0.188	4.89	59.00	day	5,350.00	4,160.00	4,160.00	10.1%	8.5%	81.4%	49.7%	50.3%	P85, Komatsu, PC40-2
R0102-035	Backhoe, hydraulic, crawler, 0.35m3	45.0		908.00	119,377.00	5.47	22.0	120.34	2.0%	1 421.00	D	0.188	8.46	102.00	hr	1,540.00	1,210.00	1,210.00	6.4%	8.4%	85.2%	51.8%	48.2%	P84, Komatsu, PC80-1
R0102-061	Backhoe, hydraulic, crawler, 0.61m3	64.0		1,295.00	175,733.00	5.47	22.0	120.34	2.0%	1 421.00	D	0.188	12.03	146.00	hr	2,200.00	1,740.00	1,740.00	4.4%	8.4%	87.2%	52.9%	47.1%	P85, Mitsubishi, MS140
R0102-070	Backhoe, hydraulic, crawler, 0.70m3	72.0		1,534.00	205,396.00	5.47	22.0	120.34	2.0%	1 421.00	D	0.188	13.54	164.00	hr	2,600.00	2,020.00	2,020.00	3.8%	8.1%	88.1%	53.0%	47.0%	P82, IHI, IS-07
R0102-080	Backhoe, hydraulic, crawler, 0.80m3	79.0		1,766.00	239,680.00	5.47	22.0	120.34	2.0%	1 421.00	D	0.188	14.85	180.00	hr	2,990.00	2,330.00	2,330.00	3.3%	7.7%	89.0%	53.3%	46.7%	P84, Komatsu, PC200-2
	2. Demolition Equipment																							
R0201-020	Rock Drill/Breaker 20cfm	3.8		-	29,671.00		22.0	0.00	2.0%	0 0.00			0.00	0.00	day	-	1,400.00	1,400.00	0.0%	0.0%	100.0%	54.4%	45.6%	P119, Pioneer 120
R0202-000	Crawler Drill			428.00	54,742.00	5.00	22.0	110.00	2.0%	0 0.00			0.00	0.00	hr	794.00	518.00	518.00	0.0%	0.0%	100.0%	54.3%	45.7%	P110, Ingersoll Rand LM100/YD 90
R0204-020	Pneumatic Breaker, Handhold			-	9,660.00		22.0	0.00	2.0%	0 0.00			0.00	0.00	day	-	457.00	457.00	0.0%	0.0%	100.0%	54.3%	45.7%	P110, All Models
R0207-020	Chipping Hammer			-	14,035.00		22.0	0.00	2.0%	0 0.00			0.00	0.00	day	-	664.00	664.00	0.0%	0.0%	100.0%	54.3%	45.7%	P120, Stanley CH-18
	3. Leveling & Compaction Equipment																							
R0301-285	Motor Grader, 2.85m	83.8	7.95	1,693.00	215,873.00	5.22	22.0	114.84	2.0%	1 421.00	D	0.110	7.02	85.00	hr	3,010.00	2,120.00	2,120.00	3.8%	4.0%	92.2%	52.7%	47.3%	P62, Komatsu, GD305A-1 (P172)
R0301-371	Motor Grader, 3.71m	116.0	12.70	1,748.00	220,612.00	5.22	22.0	114.84	2.0%	1 421.00	D	0.110	12.76	154.00	hr	3,110.00	2,230.00	2,230.00	3.6%	5.9%	89.5%	53.2%	46.8%	P61, Komatsu, GD623A-1 (P173)
R0302-000	Soil Stabilizer/Road Reclaimer	*1) 179.0		4,686.00	605,815.00	5.20	22.0	114.40	2.0%	1 421.00	D	0.113	20.23	245.00	hr	8,320.00	5,840.00	5,840.00	1.4%	4.2%	94.4%	54.0%	46.0%	P100, CAT SS250B GDD/1985-1996
R0304-016	Four Tamping Foot Wheels (Tire Roller) 16t	128.0		1,583.00	182,216.00	5.00	22.0	110.00	2.0%	1 421.00	D	0.102	13.06	158.00	hr	2,940.00	1,970.00	1,970.00	4.3%	8.0%	87.7%	52.7%	47.3%	P63, Caterpillar 815
R0305-037	Vibratory Single Smooth Drum 3.75t (Vibration Roller, combined, 3~4t)	21.0	3.75	328.00	30,701.00	4.80	22.0	105.60	2.0%	1 421.00	D	0.155	3.26	39.00	hr	634.00	429.00	429.00	20.4%	9.1%	70.5%	44.2%	55.8%	P67, Komatsu, JV40
R0305-106	Vibratory Tandem Smooth Drum 10.6t (Vibration Roller, tandem, 8~10t)	97.0	10.59	1,822.00	192,103.00	5.13	22.0	112.86	2.0%	1 421.00	D	0.155	15.04	182.00	hr	2,930.00	2,030.00	2,030.00	4.0%	9.0%	87.0%	53.2%	46.8%	P67, Komatsu, JV100WA-1 (P183)
R0306-006	Vibration Hammer, 6in	*1) 3.0		85.00	1,697.00		22.0	0.00	2.0%	0 0.00	G	0.310	0.93	13.00	day	788.00	158.00	158.00	0.0%	49.4%	50.6%	59.7%	40.3%	P72, Stanley TA55
R0307-000	Plate Compactor	5.3		186.00	13,575.00		22.0	0.00	2.0%	0 0.00	G	0.310	1.64	23.00	day	1,720.00	780.00	780.00	0.0%	17.7%	82.3%	56.2%	43.8%	P72, All Makes 70lf
	4. Lifting Equipment																							
R0401-025	Crawler Crane, 21-25t	109.0		1,258.00	167,985.00	5.82	22.0	128.04	2.0%	1 421.00	D	0.095	10.36	125.00	hr	2,000.00	1,560.00	1,560.00	4.6%	8.0%	87.4%	52.7%	47.3%	P73, All Models
R0401-030	Crawler Crane, 26-30t	109.0		1,280.00	172,070.00	5.82	22.0	128.04	2.0%	1 421.00	D	0.095	10.36	125.00	hr	2,040.00	1,600.00	1,600.00	4.5%	7.8%	87.7%	52.5%	47.5%	P73, All Models
R0401-035	Crawler Crane, 31-35t	143.0		1,386.00	177,263.00	5.82	22.0	128.04	2.0%	1 421.00	D	0.095	13.59	164.00	hr	2,210.00	1,680.00	1,680.00	4.3%	9.8%	85.9%	52.9%	47.1%	P73, All Models
R0401-040	Crawler Crane, 36-40t	143.0		1,572.00	210,749.00	5.82	22.0	128.04	2.0%	1 421.00	D	0.095	13.59	164.00	hr	2,500.00	1,950.00	1,950.00	3.7%	8.4%	87.9%	53.2%	46.8%	P73, All Models
R0401-045	Crawler Crane, 41-45t	143.0		1,778.00	248,115.00	6.21	22.0	136.62	2.0%	1 421.00	D	0.095	13.59	164.00	hr	2,650.00	2,120.00	2,120.00	3.2%	7.7%	89.1%	53.4%	46.6%	P73, All Models

No.	Item	Power	Weight	Operated Hour Rental Cost	Bare Month Rental Cost	Operation Hours per Working Day	Standard Monthly Operation Days	Standard Monthly Operation Hours	Maintenance Rate	Operator / Driver		Hourly Fuel Consumption				Hourly (or Daily) Operation Cost				Components (%)					Remarks
												Type	Rate	Amount	Cost	Unit	Based on Hourly Rental Cost	Based on Bare Month Rental Cost	Adopted Rental Cost	Labor	Material	Equip.	Foreign	Local	
		(kW)	(t)	(PP/hr)	(PP/month)	(hr/day)	(days)	(hr)	(%)		(PP/day)		lit/kW·hr kWh/kW·hr	lit/hr (kWh/hr)	(PP/hr)		(PP)	(PP)	(PP)						
R0401-050	Crawler Crane, 46-50t	143.0		2,041.00	295,584.00	6.21	22.0	136.62	2.0%	1	421.00	D	0.095	13.59	164.00	hr	3,050.00	2,480.00	2,480.00	2.7%	6.6%	90.7%	53.6%	46.4%	P73, All Models
R0401-060	Crawler Crane, 51-60t	206.0		2,296.00	315,376.00	6.21	22.0	136.62	2.0%	1	421.00	D	0.095	19.57	237.00	hr	3,430.00	2,710.00	2,710.00	2.5%	8.7%	88.8%	53.8%	46.2%	P73, All Models
R0402-005	Truck Crane, Hydraulic 2-5t	75.0		471.00	35,373.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	3.75	45.00	hr	765.00	412.00	412.00	17.9%	10.9%	71.2%	45.7%	54.3%	P75, All Models
R0402-010	Truck Crane, Hydraulic 6-10t	75.0		526.00	44,216.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	3.75	45.00	hr	854.00	485.00	485.00	15.2%	9.3%	75.5%	47.0%	53.0%	P75, All Models
R0402-015	Truck Crane, Hydraulic 11-15t	120.0		904.00	88,431.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	6.00	73.00	hr	1,470.00	879.00	879.00	8.4%	8.3%	83.3%	50.7%	49.3%	P75, All Models
R0402-020	Truck Crane, Hydraulic 16-20t	135.0		1,076.00	110,539.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	6.75	82.00	hr	1,750.00	1,070.00	1,070.00	6.9%	7.7%	85.4%	51.5%	48.5%	P75, All Models
R0402-025	Truck Crane, Hydraulic 21-25t	150.0		1,297.00	140,483.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	7.50	91.00	hr	2,110.00	1,330.00	1,330.00	5.5%	6.8%	87.7%	52.0%	48.0%	P75, All Models
R0402-030	Truck Crane, Hydraulic 26-30t	179.0		1,452.00	155,031.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	8.95	108.00	hr	2,360.00	1,470.00	1,470.00	5.0%	7.3%	87.7%	52.2%	47.8%	P75, All Models
R0402-035	Truck Crane, Hydraulic 31-35t	179.0		1,609.00	180,142.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	8.95	108.00	hr	2,610.00	1,670.00	1,670.00	4.4%	6.5%	89.1%	52.7%	47.3%	P75, All Models
R0402-040	Truck Crane, Hydraulic 36-40t	179.0		1,669.00	189,789.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	8.95	108.00	hr	2,710.00	1,750.00	1,750.00	4.2%	6.2%	89.6%	52.8%	47.2%	P75, All Models
R0402-045	Truck Crane, Hydraulic 41-45t	185.0		2,045.00	248,103.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	9.25	112.00	hr	3,320.00	2,240.00	2,240.00	3.3%	5.0%	91.7%	53.1%	46.9%	P75, All Models
R0402-050	Truck Crane, Hydraulic 46-50t	185.0		2,095.00	258,166.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	9.25	112.00	hr	3,400.00	2,320.00	2,320.00	3.2%	4.8%	92.0%	53.2%	46.8%	P75, All Models
R0402-060	Truck Crane, Hydraulic 51-60t	210.0		2,268.00	278,163.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	10.50	127.00	hr	3,680.00	2,500.00	2,500.00	2.9%	5.1%	92.0%	53.4%	46.6%	P75, All Models
R0402-070	Truck Crane, Hydraulic 61-70t	210.0		2,470.00	310,972.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	10.50	127.00	hr	4,010.00	2,780.00	2,780.00	2.7%	4.6%	92.7%	53.3%	46.7%	P75, All Models
R0402-080	Truck Crane, Hydraulic 71-80t	214.0		2,704.00	347,696.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	10.70	129.00	hr	4,390.00	3,080.00	3,080.00	2.4%	4.2%	93.4%	53.5%	46.5%	P75, All Models
R0402-090	Truck Crane, Hydraulic 81-90t	214.0		3,326.00	449,051.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	10.70	129.00	hr	5,400.00	3,920.00	3,920.00	1.9%	3.3%	94.8%	53.7%	46.3%	P75, All Models
R0402-100	Truck Crane, Hydraulic 91-100t	218.0		4,167.00	584,448.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	10.90	132.00	hr	6,770.00	5,050.00	5,050.00	1.5%	2.6%	95.9%	53.8%	46.2%	P75, All Models
R0402-120	Truck Crane, Hydraulic 101-120t	218.0		5,584.00	815,129.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	10.90	132.00	hr	9,070.00	6,960.00	6,960.00	1.1%	1.9%	97.0%	53.9%	46.1%	P75, All Models
R0402-140	Truck Crane, Hydraulic 121-140t	263.0		6,618.00	966,743.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	13.15	159.00	hr	10,700.00	8,240.00	8,240.00	0.9%	1.9%	97.2%	54.0%	46.0%	P75, All Models
R0402-160	Truck Crane, Hydraulic 141-160t	285.0		7,190.00	1,051,517.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	14.25	172.00	hr	11,700.00	8,950.00	8,950.00	0.8%	1.9%	97.3%	54.1%	45.9%	P74, All Models
R0402-180	Truck Crane, Hydraulic 161-180t	315.0		7,809.00	1,141,181.00	5.71	22.0	125.62	2.0%	1	421.00	D	0.050	15.75	191.00	hr	12,700.00	9,720.00	9,720.00	0.8%	2.0%	97.2%	54.1%	45.9%	P74, All Models
									2.0%																
	5. Piling Equipment								2.0%																
R0501-013	Diesel Hammer w/o Crane, 1.3t	*2) 1.3		732.00	124,604.00	6.29	22.0	138.38	2.0%	0	0.00	D	7.648	9.94	120.00	hr	1,080.00	1,060.00	1,060.00	0.0%	11.3%	88.7%	55.4%	44.6%	P96, Kobe K13-DSL
R0501-025	Diesel Hammer w/o Crane, 2.5t	*2) 2.5		1,135.00	201,565.00	6.29	22.0	138.38	2.0%	0	0.00	D	7.648	19.12	231.00	hr	1,670.00	1,750.00	1,670.00	0.0%	0.0%	100.0%	55.6%	44.4%	P96, Kobe K25-DSL
R0501-035	Diesel Hammer w/o Crane, 3.5t	*2) 3.5		1,400.00	248,533.00	6.29	22.0	138.38	2.0%	0	0.00	D	7.648	26.77	324.00	hr	2,060.00	2,190.00	2,060.00	0.0%	0.0%	100.0%	56.0%	44.0%	P96, Kobe K35-DSL
R0501-045	Diesel Hammer w/o Crane, 4.5t	*2) 4.5		2,037.00	374,474.00	6.29	22.0	138.38	2.0%	0	0.00	D	7.648	34.42	416.00	hr	3,000.00	3,230.00	3,000.00	0.0%	0.0%	100.0%	55.7%	44.3%	P96, Kobe K45-DSL
R0501-060	Diesel Hammer w/o Crane, 6.0t	*2) 6.0		3,142.00	498,154.00	6.29	22.0	138.38	2.0%	0	0.00	D	7.648	45.89	555.00	hr	4,630.00	4,300.00	4,300.00	0.0%	12.9%	87.1%	55.7%	44.3%	P96, Kobe K60-DSL
R0502-045	Vibratory Pile Driver, Hydraulic 45 t-m	204.0		2,790.00	358,047.00	6.56	22.0	144.32	2.0%	1	421.00	D	0.313	63.85	773.00	hr	3,940.00	3,420.00	3,420.00	1.9%	22.8%	75.5%	55.7%	44.3%	P97, Vibro Fonceur, PTC25HIA 13-115
R0502-070	Vibratory Pile Driver, Hydraulic 70 t-m	302.0		4,386.00	572,875.00	6.56	22.0	144.32	2.0%	1	421.00	D	0.313	94.53	1,144.00	hr	6,200.00	5,340.00	5,340.00	1.2%	21.4%	77.4%	55.9%	44.1%	P97, Vibro Fonceur, PTC25HIA 24860
R0502-120	Vibratory Pile Driver, Hydraulic 120 kN-m	167.0		3,744.00	521,038.00	6.56	22.0	144.32	2.0%	1	421.00	D	0.313	52.27	632.00	hr	5,290.00	4,450.00	4,450.00	1.4%	14.2%	84.4%	55.1%	44.9%	P97, MDF12 w/ Hyd. Power Pack
R0503-060	Vibratory Pile Driver, Electric 60kW w/o Genset	60.0		565.00	82,583.00	6.56	22.0	144.32	2.0%	1	421.00	E	0.305	18.30	73.00	hr	799.00	733.00	733.00	8.8%	10.0%	81.2%	49.1%	50.9%	P97, Tomen Vibro VM2-4000
R0507-030	Piling Rig, Triaxial, Hydraulic w/ auger	120.0		5,125.00	763,592.00	6.27	22.0	137.94	2.0%	1	421.00	D	0.184	22.08	267.00	hr	7,580.00	6,090.00	6,090.00	1.1%	4.4%	94.5%	54.2%	45.8%	P98, Nippon Sharyo DH160-2
R0517-181	Drilling Rig, Hydraulic, Crawler φ1800m x 20m deep	139.0		9,348.00	1,489,724.00	6.27	22.0	137.94	2.0%	1	421.00	D	0.095	13.21	160.00	hr	13,800.00	11,500.00	11,500.00	0.6%	1.4%	98.0%	54.0%	46.0%	P97, Casagrande RM21
R0517-182	Drilling Rig, Hydraulic, Crawler φ1800m x 53m deep	248.0		10,759.00	1,684,036.00	6.27	22.0	137.94	2.0%	1	421.00	D	0.095	23.56	285.00	hr	15,900.00	13,100.00	13,100.00	0.5%	2.2%	97.3%	54.1%	45.9%	P97, Hamada P-100TT
R0517-201	Drilling Rig, Hydraulic, Crawler φ2000m x 65m deep	225.0		11,488.00	1,813,578.00	6.27	22.0	137.94	2.0%	1	421.00	D	0.095	21.38	259.00	hr	17,000.00	14,000.00	14,000.00	0.5%	1.9%	97.6%	54.3%	45.7%	P97, C.M.V. TH18/65
R0517-202	Drilling Rig, Hydraulic, Crawler φ2500m x 68m deep	225.0		12,267.00	1,943,119.00	6.27	22.0	137.94	2.0%	1	421.00	D	0.095	21.38	259.00	hr	18,100.00	15,000.00	15,000.00	0.4%	1.7%	97.9%	54.2%	45.8%	P97, C.M.V. TH22/65
R0517-203	Drill Rig, Mechanical Rotary w/o crane 600 ~2000mm x 68m deep	131.0		3,497.00	499,412.00	6.27	22.0	137.94	2.0%	0	0.00	D	0.095	12.45	151.00	hr	5,170.00	3,920.00	3,920.00	0.0%	3.9%	96.1%	54.7%	45.3%	P97, CMV TRM35/21
R0518-055	Reverse Circulation Drill 55kW	55.0		-	54,029.00	6.18	22.0	135.96	2.0%	0	0.00	E	0.426	23.43	94.00	hr	-	507.00	507.00	0.0%	18.5%	81.5%	53.6%	46.4%	P119, Hitachi HS300
	6. Transportation Equipment																								
R0601-003	Dump Truck, 3.0-6.0 cu-yds (2.3-4.6m3)	131.0		619.00	38,743.00	6.12	22.0	134.64	2.0%	2	368.00	D	0.054	7.07	86.00	hr	938.00	446.00	446.00	13.5%	19.3%	67.2%	49.0%	51.0%	P104, Japan & Other Makes
R0601-006	Dump Truck, 6.0-9.0 cu-yds (4.6-6.9m3)	165.0		807.00	56,229.00	6.12	22.0	134.64	2.0%	2	368.00	D	0.054	8.91	108.00	hr	1,220.00	603.00	603.00	10.0%	17.9%	72.1%	50.8%	49.2%	P104, Japan & Other Makes
R0601-009	Dump Truck, 9.0-12.0 cu-yds (6.9-9.2m3)	206.0		1,004.00	72,590.00	6.12	22.0	134.64	2.0%	2	368.00	D	0.054	11.12	135.00	hr	1,520.00	756.00	756.00	8.0%	17.9%	74.1%	51.9%	48.1%	P104, Japan & Other Makes
R0601-012	Dump Truck, 12.0-15.0 cu-yds (9.2-11.5m3)	218.0		1,127.00	87,889.00	6.12	22.0	134.64	2.0%	2	368.00	D	0.054	11.77	142.00	hr	1,710.00	881.00	881.00	6.8%	16.1%	77.1%	52.3%	47.7%	P104, Japan & Other Makes
R0601-015	Dump Truck, 15.0-20.0 cu-yds (11.5-15.3m3)	285.0		1,362.00	101,009.00	6.12	22.0	134.64	2.0%	2	368.00	D	0.054	15.39	186.00	hr	2,060.00	1,030.00	1,030.00	5.8%	18.1%	76.1%	52.9%	47.1%	P104, Japan & Other Makes
R0602-002	Cargo truck 2.0-5.0t	120.0		593.00	38,761.00	4.47	22.0	98.34	2.0%	2	368.00	D	0.054	6.48	78.00	hr	1,230.00	570.00	570.00	14.4%	13.7%	71.9%	48.0%	52.0%	P107, Japan & Other Makes
R0602-006	Cargo truck 6.0-8.0t	146.0		709.00	47,858.00	4.47	22.0	98.34	2.0%	2	368.00	D	0.054	7.88	95.00	hr	1,470.00	684.00	684.00	12.0%	13.9%	74.1%	49.2%	50.8%	P107, Japan & Other Makes
R0602-009	Cargo truck 9.0-10.0t	203.0		918.00	60,888.00	4.47	22.0	98.34	2.0%	2	368.00	D	0.054	10.96	133.00	hr	1,900.00	859.00	859.00	9.6%	15.5%	74.9%	50.8%	49.2%	P107, Japan & Other Makes
R0602-011	Cargo truck 11.0-12.0t	218.0		1,039.00	74,543.00	4.47	22.0	98.34	2.0%	2	368.00	D	0.054	11.77	142.00	hr	2,160.00	1,010.00	1,010.00	8.2%	14.1%	77.7%	51.5%	48.5%	P107, Japan & Other Makes
R0602-013	Cargo truck 13.0-15.0t	240.0		1,147.00	83,645.00	4.47	22.0	98.34	2.0%	2	368.00	D	0.054	12.96	157.00	hr	2,380.00	1,120.00	1,120.00	7.4%	14.0%	78.6%	52.0%	48.0%	P107, Japan & Other Makes
R0603-002	Pick-up truck 2.2t	*1) 98.0		-	41,800.00	4.47	22.0	98.34	2.0%	2	368.00	D	0.054	5.29	64.00	hr	-	589.00	589.00	14.0%	10.9%	75.1%	47.8%	52.2%	P117, Mitsubishi L300 Chassis CA 2500cc
R0604-020	Trailer 20t	195.0		1,588.00	175,649.00	5.83	22.0	128.26	2.0%	2	368.00	D	0.076	14.82	179.00	hr	2,530.00	1,670.00	1,670.00	3.8%	10.7%	85.5%	53.3%	46.7%	P109, Furehauf DES-021A20
R0604-045	Trailer 45t	240.0		2,431.00	297,871.00	5.83	22.0	128.26	2.0%	2	368.00	D	0.076	18.24	221.00	hr	3,870.00	2,700.00	2,700.00	2.3%	8.2%	89.5%	53.9%	46.1%	P109, Dump Trailer Twing Gates CMI 452

No.	Item	Power (kW)	Weight (t)	Operated Hour Rental Cost (PP/hr)	Bare Month Rental Cost (PP/month)	Operation Hours per Working Day (hr/day)	Standard Monthly Operation Days (days)	Standard Monthly Operation Hours (hr)	Maintenance Rate (%)	Operator / Driver (PP/day)	Hourly Fuel Consumption: Type	Rate (ltr/kW-hr kWh/kW-hr)	Amount (ltr/hr (kWh/hr))	Cost (PP/hr)	Hourly (or Daily) Operation Cost: Unit	Based on Hourly Rental Cost (PP)	Based on Bare Month Rental Cost (PP)	Adopted Rental Cost (PP)	Components (%): Labor	Material	Equip.	Foreign	Local	Remarks
R0605-045	Truck Mixer 3.5-4.5 cu-yds (2.7-3.4m3)	120.0		877.00	79,926.00	5.06	22.0	111.32	2.0%	1 421.00	D	0.060	7.20	87.00	hr	1,610.00	917.00	917.00	9.1%	9.5%	81.4%	50.4%	49.6%	P101, Japan & Other makes
R0605-060	Truck Mixer 5.0-6.0 cu-yds (3.8-4.6m3)	131.0		1,066.00	104,941.00	5.06	22.0	111.32	2.0%	1 421.00	D	0.060	7.86	95.00	hr	1,950.00	1,160.00	1,160.00	7.2%	8.2%	84.6%	51.2%	48.8%	P101, Japan & Other makes
R0605-075	Truck Mixer 6.5-7.5 cu-yds (5.0-5.7m3)	146.0		1,229.00	124,518.00	5.06	22.0	111.32	2.0%	1 421.00	D	0.060	8.76	106.00	hr	2,250.00	1,350.00	1,350.00	6.2%	7.9%	85.9%	51.9%	48.1%	P101, Japan & Other makes
R0605-100	Truck Mixer 8.0-10.0 cu-yds (6.1-7.6m3)	218.0		1,488.00	139,037.00	5.06	22.0	111.32	2.0%	1 421.00	D	0.060	13.08	158.00	hr	2,730.00	1,540.00	1,540.00	5.4%	10.3%	84.3%	52.5%	47.5%	P101, Japan & Other makes
R0605-120	Truck Mixer 11.0-12.0 cu-yds (8.4-9.2m3)	251.0		1,749.00	166,836.00	5.06	22.0	111.32	2.0%	1 421.00	D	0.060	15.06	182.00	hr	3,210.00	1,820.00	1,820.00	4.6%	10.0%	85.4%	53.0%	47.0%	P101, Japan & Other makes
	7. Concrete Work Equipment																							
R0701-030	Concrete Batch Plant 30m3/hr with silo	*1) 56.0		-	153,390.00	5.53	22.0	121.66	2.0%	1 421.00	E	0.495	27.72	111.00	hr	-	1,500.00	1,500.00	5.1%	7.4%	87.5%	51.2%	48.8%	P122, Concrete Batch Plant PP5.113 x m3/hr
R0701-040	Concrete Batch Plant 40m3/hr with silo	*1) 75.0		-	204,520.00	5.53	22.0	121.66	2.0%	1 421.00	E	0.495	37.13	149.00	hr	-	1,970.00	1,970.00	3.9%	7.6%	88.5%	52.0%	48.0%	P122, Concrete Batch Plant PP5.113 x m3/hr
R0702-070	Concrete Pump Vehicle 70cu-yds/hr (53.5m3/hr)	131.0		2,135.00	252,216.00	7.06	22.0	155.32	2.0%	1 421.00	D	0.084	11.00	133.00	hr	2,800.00	1,880.00	1,880.00	3.2%	7.1%	89.7%	53.4%	46.6%	P102, Challenge S-1008
R0702-100	Concrete Pump Vehicle 100cu-yds/hr (76.5m3/hr)	98.0		1,668.00	341,935.00	7.06	22.0	155.32	2.0%	1 421.00	D	0.084	8.23	100.00	hr	2,190.00	2,450.00	2,190.00	0.0%	0.0%	100.0%	53.4%	46.6%	P102, Challenge 905PR
R0706-024	Concrete Paver/Finisher	24.0		870.00	110,622.00	6.00	22.0	132.00	2.0%	1 421.00	D	0.124	2.98	36.00	hr	1,340.00	978.00	978.00	7.2%	3.7%	89.1%	50.8%	49.2%	P100, Cosmo C450
R0706-090	Concrete Paver/Finisher	90.0		1,308.00	151,640.00	6.00	22.0	132.00	2.0%	1 421.00	D	0.124	11.16	135.00	hr	2,020.00	1,400.00	1,400.00	5.0%	9.6%	85.4%	52.6%	47.4%	P100, Rex Concrete Finisher
R0708-060	Concrete Vibrator	*1) 1.1		-	8,510.00		22.0	0.00	2.0%	0 0.00	G	0.378	0.42	6.00	day	-	438.00	438.00	0.0%	8.2%	91.8%	55.2%	44.8%	P120
R0709-014	Concrete Cutter 14in	23.0		-	7,715.00		22.0	0.00	2.0%	0 0.00	G	0.231	5.31	75.00	day	-	815.00	815.00	0.0%	55.2%	44.8%	60.2%	39.8%	P120, Stanley C023
R0710-000	Grout Pump			270.00	27,066.00		22.0	0.00	2.0%	0 0.00	D	0.211	0.00	0.00	day	2,500.00	1,280.00	1,280.00	0.0%	0.0%	100.0%	54.3%	45.7%	P103, IHI NAS-2505, NES-100
R0711-003	Concrete Mixer 1-3 ft3/min (0.03-0.08m3/min)	*1) 0.6		136.00	8,589.00		22.0	0.00	2.0%	0 0.00	D	0.211	0.13	2.00	day	1,260.00	418.00	418.00	0.0%	2.9%	97.1%	54.6%	45.4%	P101, Bagger
R0711-006	Concrete Mixer 4-6 ft3/min (0.11-0.17m3/min)	*1) 1.2		156.00	11,640.00		22.0	0.00	2.0%	0 0.00	D	0.211	0.25	3.00	day	1,450.00	568.00	568.00	0.0%	3.2%	96.8%	54.7%	45.3%	P101, Bagger
R0711-012	Concrete Mixer 7-12 ft3/min (0.20-0.33m3/min)	*1) 2.4		173.00	14,042.00		22.0	0.00	2.0%	0 0.00	D	0.211	0.51	6.00	day	1,600.00	700.00	700.00	0.0%	5.1%	94.9%	54.9%	45.1%	P101, Bagger
R0711-018	Concrete Mixer 13-18 ft3/min (0.37-0.51m3/min)	*1) 3.6		193.00	17,089.00		22.0	0.00	2.0%	0 0.00	D	0.211	0.76	9.00	day	1,790.00	862.00	862.00	0.0%	6.3%	93.7%	55.0%	45.0%	P101, Bagger
R0711-024	Concrete Mixer 19-24 ft3/min (0.53-0.68m3/min)	*1) 4.8		208.00	19,875.00		22.0	0.00	2.0%	0 0.00	D	0.211	1.01	12.00	day	1,930.00	1,010.00	1,010.00	0.0%	7.1%	92.9%	55.2%	44.8%	P101, Bagger
R0711-036	Concrete Mixer 25-36 ft3/min (0.71-1.02m3/min)	*1) 7.5		228.00	22,902.00		22.0	0.00	2.0%	0 0.00	D	0.211	1.58	19.00	day	2,110.00	1,200.00	1,200.00	0.0%	9.5%	90.5%	55.2%	44.8%	P101, Bagger
R0711-040	Concrete Mixer 37-40 ft3/min (1.05-1.13m3/min)	*1) 11.0		245.00	25,406.00		22.0	0.00	2.0%	0 0.00	D	0.211	2.32	28.00	day	2,270.00	1,370.00	1,370.00	0.0%	12.3%	87.7%	55.6%	44.4%	P101, Bagger
R0713-000	Concrete Gun	*1) 22.0		472.00	55,082.00	6.75	22.0	148.50	2.0%	0 0.00	E	0.466	10.25	41.00	hr	648.00	427.00	427.00	0.0%	9.6%	90.4%	53.9%	46.1%	P103, Shotcrete USM
R0716-010	Aggregate Crusher 100t/hr	*1) 75.0		-	373,571.00	6.92	22.0	152.24	2.0%	0 0.00	E	0.495	37.13	149.00	hr	-	2,700.00	2,700.00	0.0%	5.5%	94.5%	54.1%	45.9%	P121, Parker 1208
R0716-025	Aggregate Crusher 160-250t/hr	150.0		-	705,878.00	6.92	22.0	152.24	2.0%	0 0.00	E	0.495	74.25	297.00	hr	-	5,120.00	5,120.00	0.0%	5.8%	94.2%	54.1%	45.9%	P122, Svedala Jawmaster 806HD
R0716-027	Aggregate Crusher 175-275t/hr	167.0		-	909,927.00	6.92	22.0	152.24	2.0%	0 0.00	E	0.495	82.67	331.00	hr	-	6,550.00	6,550.00	0.0%	5.1%	94.9%	54.1%	45.9%	P122, Svedala Jawmaster 907HD
R0716-050	Aggregate Crusher 385-505t/hr	338.0		-	1,268,652.00	6.92	22.0	152.24	2.0%	0 0.00	E	0.495	167.31	669.00	hr	-	9,340.00	9,340.00	0.0%	7.2%	92.8%	54.0%	46.0%	P122, Svedala Jawmaster 1108HD
R0716-052	Aggregate Crusher 325-525t/hr	228.0		-	1,048,017.00	6.92	22.0	152.24	2.0%	0 0.00	E	0.495	112.86	451.00	hr	-	7,610.00	7,610.00	0.0%	5.9%	94.1%	54.1%	45.9%	P122, Svedala Jawmaster 1206HD
R0716-072	Aggregate Crusher 550-720t/hr	435.0		-	1,489,287.00	6.92	22.0	152.24	2.0%	0 0.00	E	0.495	215.33	861.00	hr	-	11,000.00	11,000.00	0.0%	7.8%	92.2%	54.2%	45.8%	P121, Svedala Jawmaster 1208HD
R0716-116	Aggregate Crusher 885-1160t/hr	761.0		-	1,612,911.00	6.92	22.0	152.24	2.0%	0 0.00	E	0.495	376.70	1,507.00	hr	-	12,500.00	12,500.00	0.0%	12.1%	87.9%	53.9%	46.1%	P121, Svedala Jawmaster 1513HD
	8. Asphalt Work Equipment																							
R0801-030	Asphalt Concrete Plant 30t/hr	*1) 110.0		-	62,922.00	3.79	22.0	83.38	2.0%	0 0.00	E	0.495	54.45	218.00	hr	-	1,000.00	1,000.00	0.0%	21.8%	78.2%	53.5%	46.5%	P122, Asphaltic Concrete Plant PP4,824 x m3/hr
R0802-025	Asphalt Paver/Finisher, 2.5m	24.0		1,307.00	172,871.00	5.50	22.0	121.00	2.0%	1 421.00	D	0.155	3.72	45.00	hr	2,200.00	1,610.00	1,610.00	4.8%	2.8%	92.4%	52.0%	48.0%	P99, Demag DF50C
R0802-040	Asphalt Paver/Finisher, 4.0m	39.0		1,488.00	194,496.00	5.50	22.0	121.00	2.0%	1 421.00	D	0.155	6.05	73.00	hr	2,510.00	1,820.00	1,820.00	4.2%	4.0%	91.8%	52.5%	47.5%	P99, Demag DF80P
R0802-047	Asphalt Paver/Finisher, 4.7m	55.0		1,974.00	260,885.00	5.50	22.0	121.00	2.0%	1 421.00	D	0.155	8.53	103.00	hr	3,330.00	2,420.00	2,420.00	3.2%	4.3%	92.5%	53.1%	46.9%	P99, Demag DF100P
R0804-030	Asphalt Distributor 3000 USG (11,000 Ltr)	75.0		851.00	89,611.00		22.0	0.00	2.0%	1 421.00	D	0.094	7.05	85.00	day	7,890.00	5,170.00	5,170.00	8.1%	9.9%	82.0%	50.9%	49.1%	P98, ROSCO
R0805-013	Asphalt Sprayer 1330 USG (5,000 Ltr)	68.0		723.00	73,166.00		22.0	0.00	2.0%	1 421.00	G	0.231	15.71	223.00	day	6,700.00	5,220.00	5,220.00	8.1%	25.6%	66.3%	52.7%	47.3%	P98, Littleford Sprayemaster
R0806-045	Asphalt Pavement Profiler	338.0		6,130.00	792,011.00		22.0	0.00	2.0%	1 421.00	G	0.155	52.39	744.00	day	56,800.00	42,300.00	42,300.00	1.0%	10.6%	88.4%	55.0%	45.0%	P100, PR450
R0810-025	Asphalt Repaver, 2.50-3.75m	170.0		9,840.00	1,379,484.00		22.0	0.00	2.0%	1 421.00	D	0.155	26.35	319.00	day	91,200.00	67,600.00	67,600.00	0.6%	2.8%	96.6%	54.3%	45.7%	P98, Wirtgen
R0811-025	Asphalt Remixer, 2.50-3.75m	170.0		9,836.00	1,401,884.00		22.0	0.00	2.0%	1 421.00	D	0.155	26.35	319.00	day	91,200.00	68,600.00	68,600.00	0.6%	2.8%	96.6%	54.3%	45.7%	P98, Wirtgen
	9. Steel Work Equipment																							
R0901-025	Welding Machine 250A	14.0		300.00	7,490.00		22.0	0.00	2.0%	0 0.00	D	0.231	3.23	39.00	day	2,780.00	588.00	588.00	0.0%	39.8%	60.2%	58.6%	41.4%	P116, Gas/Diesel Driven
R0901-050	Welding Machine 500A	53.0		490.00	12,231.00		22.0	0.00	2.0%	0 0.00	D	0.231	12.24	148.00	day	4,540.00	1,470.00	1,470.00	0.0%	60.4%	39.6%	60.6%	39.4%	P116, Gas/Diesel Driven
R0911-000	Bar Bender	2.3		-	27,621.00		22.0	0.00	2.0%	0 0.00			0.00	0.00	day	-	1,310.00	1,310.00	0.0%	0.0%	100.0%	54.2%	45.8%	P120, Mikuni MKC32
R0912-000	Electric Bar Cutter	2.3		-	27,621.00		22.0	0.00	2.0%	0 0.00			0.00	0.00	day	-	1,310.00	1,310.00	0.0%	0.0%	100.0%	54.2%	45.8%	P120, Mikuni MK45

No.	Item	Power (kW)	Weight (t)	Operated Hour Rental Cost (PP/hr)	Bare Month Rental Cost (PP/month)	Operation Hours per Working Day (hr/day)	Standard Monthly Operation Days (days)	Standard Monthly Operation Hours (hr)	Maintenance Rate (%)	Operator / Driver		Hourly Fuel Consumption: Type	Rate (ltr/kW·hr kWh/kW·hr)	Amount (ltr/hr (kWh/hr)	Cost (PP/hr)	Hourly (or Daily) Operation Cost: Unit	Based on Hourly Rental Cost (PP)	Based on Bare Month Rental Cost (PP)	Adopted Rental Cost (PP)	Components (%): Labor	Material	Equip.	Foreign	Local	Remarks
	10. Generator, Pumps & Blowers																								
R1001-015	Generator 11-15 kW	15.0		-	14,746.00		22.0	0.00	2.0%	0	0.00	D	0.173	2.60	31.00	day	-	883.00	883.00	0.0%	21.1%	78.9%	56.6%	43.4%	P115, All Makes
R1001-020	Generator 16-20 kW	20.0		-	20,205.00		22.0	0.00	2.0%	0	0.00	D	0.173	3.46	42.00	day	-	1,210.00	1,210.00	0.0%	20.8%	79.2%	56.4%	43.6%	P115, All Makes
R1001-030	Generator 21-30 kW	30.0		-	22,842.00		22.0	0.00	2.0%	0	0.00	D	0.173	5.19	63.00	day	-	1,460.00	1,460.00	0.0%	25.9%	74.1%	57.0%	43.0%	P115, All Makes
R1001-040	Generator 31-40 kW	40.0		-	23,964.00		22.0	0.00	2.0%	0	0.00	D	0.173	6.92	84.00	day	-	1,590.00	1,590.00	0.0%	31.7%	68.3%	57.9%	42.1%	P115, All Makes
R1001-050	Generator 41-50 kW	50.0		-	26,006.00		22.0	0.00	2.0%	0	0.00	D	0.173	8.65	105.00	day	-	1,860.00	1,860.00	0.0%	33.9%	66.1%	57.9%	42.1%	P115, All Makes
R1001-100	Generator 51-100 kW	100.0		-	30,340.00		22.0	0.00	2.0%	0	0.00	D	0.173	17.30	209.00	day	-	2,690.00	2,690.00	0.0%	46.6%	53.4%	59.3%	40.7%	P115, All Makes
R1001-150	Generator 101-150 kW	150.0		-	36,580.00		22.0	0.00	2.0%	0	0.00	D	0.173	25.95	314.00	day	-	3,610.00	3,610.00	0.0%	52.2%	47.8%	59.9%	40.1%	P115, All Makes
R1001-200	Generator 151-200 kW	200.0		-	58,528.00		22.0	0.00	2.0%	0	0.00	D	0.173	34.60	419.00	day	-	5,280.00	5,280.00	0.0%	47.6%	52.4%	59.4%	40.6%	P115, All Makes
R1001-250	Generator 201-250 kW	250.0		-	76,421.00		22.0	0.00	2.0%	0	0.00	D	0.173	43.25	523.00	day	-	6,750.00	6,750.00	0.0%	46.5%	53.5%	59.3%	40.7%	P115, All Makes
R1001-300	Generator 251-300 kW	300.0		-	88,169.00		22.0	0.00	2.0%	0	0.00	D	0.173	51.90	628.00	day	-	7,940.00	7,940.00	0.0%	47.5%	52.5%	59.4%	40.6%	P115, All Makes
R1001-350	Generator 301-350 kW	350.0		-	91,973.00		22.0	0.00	2.0%	0	0.00	D	0.173	60.55	733.00	day	-	8,750.00	8,750.00	0.0%	50.3%	49.7%	59.7%	40.3%	P115, All Makes
R1001-400	Generator 351-400 kW	400.0		-	108,696.00		22.0	0.00	2.0%	0	0.00	D	0.173	69.20	837.00	day	-	10,200.00	10,200.00	0.0%	49.2%	50.8%	59.4%	40.6%	P115, All Makes
R1002-160	Air Compressor 126-160 cfm (3.6-4.5m3/min)	38.0		379.00	31,841.00		22.0	0.00	2.0%	0	0.00	D	0.211	8.02	97.00	day	3,510.00	2,090.00	2,090.00	0.0%	27.8%	72.2%	57.2%	42.8%	P109, All Models
R1002-185	Air Compressor 161-185 cfm (4.6-5.2m3/min)	52.0		422.00	33,842.00		22.0	0.00	2.0%	0	0.00	D	0.211	10.97	133.00	day	3,910.00	2,390.00	2,390.00	0.0%	33.4%	66.6%	57.9%	42.1%	P109, All Models
R1002-250	Air Compressor 186-250 cfm (5.3-7.1m3/min)	55.0		522.00	47,383.00		22.0	0.00	2.0%	0	0.00	D	0.211	11.61	140.00	day	4,840.00	3,080.00	3,080.00	0.0%	27.3%	72.7%	57.2%	42.8%	P109, All Models
R1002-315	Air Compressor 251-315 cfm (7.1-8.9m3/min)	69.0		559.00	48,180.00		22.0	0.00	2.0%	0	0.00	D	0.211	14.56	176.00	day	5,180.00	3,330.00	3,330.00	0.0%	31.7%	68.3%	57.8%	42.2%	P109, All Models
R1002-330	Air Compressor 316-330 cfm (8.9-9.3m3/min)	70.0		576.00	50,463.00		22.0	0.00	2.0%	0	0.00	D	0.211	14.77	179.00	day	5,340.00	3,460.00	3,460.00	0.0%	31.0%	69.0%	57.6%	42.4%	P109, All Models
R1002-350	Air Compressor 331-350 cfm (9.4-9.9m3/min)	77.0		614.00	53,543.00		22.0	0.00	2.0%	0	0.00	D	0.211	16.25	197.00	day	5,690.00	3,710.00	3,710.00	0.0%	31.9%	68.1%	57.8%	42.2%	P109, All Models
R1002-450	Air Compressor 356-450 cfm (10.0-12.7m3/min)	98.0		811.00	75,812.00		22.0	0.00	2.0%	0	0.00	D	0.211	20.68	250.00	day	7,520.00	5,090.00	5,090.00	0.0%	29.5%	70.5%	57.4%	42.6%	P109, All Models
R1002-500	Air Compressor 456-500 cfm (12.9-14.2m3/min)	113.0		876.00	80,551.00		22.0	0.00	2.0%	0	0.00	D	0.211	23.84	289.00	day	8,120.00	5,540.00	5,540.00	0.0%	31.3%	68.7%	57.7%	42.3%	P109, All Models
R1002-600	Air Compressor 501-600 cfm (14.2-17.0m3/min)	134.0		1,182.00	118,457.00		22.0	0.00	2.0%	0	0.00	D	0.211	28.27	342.00	day	11,000.00	7,650.00	7,650.00	0.0%	26.8%	73.2%	57.2%	42.8%	P109, All Models
R1004-051	Electric Water Pump 1 3/4 - 2 (44.5-50.8mm)	*1) 0.8		-	2,162.00		22.0	0.00	2.0%	0	0.00	E	0.584	0.47	2.00	day	-	114.00	114.00	0.0%	10.5%	89.5%	54.0%	46.0%	P112, All Models
R1004-102	Electric Water Pump 3 1/2 - 4 (88.9-101.6mm)	*1) 3.7		-	2,983.00		22.0	0.00	2.0%	0	0.00	E	0.584	2.16	9.00	day	-	195.00	195.00	0.0%	27.7%	72.3%	53.1%	46.9%	P112, All Models
R1004-203	Electric Water Pump 6 1/2 - 8 (165.1-203.2mm)	*1) 11.0		-	6,871.00		22.0	0.00	2.0%	0	0.00	E	0.584	6.42	26.00	day	-	481.00	481.00	0.0%	32.4%	67.6%	52.9%	47.1%	P111, All Models
R1005-132	Sump Pump 132 gal/min (500ltr/min) 10m head	*1) 5.5		-	1,582.00		22.0	0.00	2.0%	0	0.00	E	0.584	3.21	13.00	day	-	153.00	153.00	0.0%	51.0%	49.0%	52.0%	48.0%	P114, Atlas Copco DIP65
R1006-075	Mud Pump	*1) 5.5		-	2,874.00		22.0	0.00	2.0%	0	0.00	E	0.584	3.21	13.00	day	-	214.00	214.00	0.0%	36.4%	63.6%	52.7%	47.3%	P114, Yamada Yuki DP-75 BAC
R1007-002	Power Unit (Jack), hydraulic, HP-2, pump cap. 7-9	14.0		-	13,864.00		22.0	0.00	2.0%	0	0.00			0.00	0.00	day	-	656.00	656.00	0.0%	0.0%	100.0%	54.3%	45.7%	P121, Stanley HPH-2
	11. Road Maintenance Equipment																								
R1101-002	Power Broom 2m	*1) 146.0		-	16,576.00	7.60	22.0	167.20	2.0%	1	421.00	B	0.065	9.49	115.00	hr	-	274.00	274.00	20.2%	42.0%	37.8%	47.7%	52.3%	P125
R1103-450	Water Wagon/Pump Truck 500-1000 gal (2200-4500 ltr)	270.0		968.00	44,333.00	6.00	22.0	132.00	2.0%	2	368.00	D	0.041	11.07	134.00	hr	1,500.00	545.00	545.00	11.3%	24.6%	64.1%	50.8%	49.2%	P117, All Makes
	15. Miscellaneous																								
R1531-002	Hammer Drill	*1) 1.1		-	2,490.00		22.0	0.00	2.0%	0	0.00			0.00	0.00	day	-	118.00	118.00	0.0%	0.0%	100.0%	54.3%	45.7%	P116, HD45
R1561-000	Chainsaw	*1) 6.0		-	4,180.00		22.0	0.00	2.0%	0	0.00			0.00	0.00	day	-	198.00	198.00	0.0%	0.0%	100.0%	54.2%	45.8%	P119, Husqvarna 162/266

11. Equipment Operation Cost

Exchange Rate : 1 US$ = 52.28 PP = 120.12 yen

Q0101-015 Bulldozer, 15t — Operation Hour per Operated Day= 5.27 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.19	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	79.99	0.00	0.00	0.00	79.99	79.99	
M01005	Diesel Oil	ltr	18.80	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	227.48	0.00	147.86	79.62	227.48	
Q0101-015	Bulldozer, 15t	hr	1.00	0.0%	0.0%	100.0%	52.1%	47.9%	2,190.00	0.00	0.00	2190.00	1140.67	1049.33	2,190.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									79.99	227.48	2190.00	1288.53	1208.94	2,497.47	
	Unit Rate									80.07	227.71	2192.22	1289.84	2419.93	2,500.00	
	Components									3.2%	9.1%	87.7%	51.6%	48.4%	100.0%	

Q0101-021 Bulldozer, 21t — Operation Hour per Operated Day= 6.58 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.15	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	63.15	0.00	0.00	0.00	63.15	63.15	
M01005	Diesel Oil	ltr	28.60	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	346.06	0.00	224.94	121.12	346.06	
Q0101-021	Bulldozer, 21t	hr	1.00	0.0%	0.0%	100.0%	53.0%	47.0%	3,170.00	0.00	0.00	3170.00	1679.08	1490.92	3,170.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									63.15	346.06	3170.00	1904.02	1675.19	3,579.21	
	Unit Rate									63.16	346.14	3170.70	1904.44	3516.84	3,580.00	
	Components									1.8%	9.7%	88.6%	53.2%	46.8%	100.0%	

Q0105-010 Backhoe, hydraulic, crawler, 0.1m3 — Operation Hour per Operated Day= 5.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	1.00	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	421.00	0.00	0.00	0.00	421.00	421.00	
M01005	Diesel Oil	ltr	23.50	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	284.35	0.00	184.83	99.52	284.35	
Q0105-010	Backhoe, hydraulic, crawler, 0.1m3	day	1.00	0.0%	0.0%	100.0%	58.7%	41.3%	4,240.00	0.00	0.00	4240.00	2488.75	1751.25	4,240.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									421.00	284.35	4240.00	2673.58	2271.77	4,945.35	
	Unit Rate									421.40	284.62	4243.99	2676.09	4528.60	4,950.00	
	Components									8.5%	5.7%	85.7%	54.1%	45.9%	100.0%	

Q0105-035 Backhoe, hydraulic, crawler, 0.35m3 — Operation Hour per Operated Day= 5.47 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	11.30	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	136.73	0.00	88.87	47.86	136.73	
Q0105-035	Backhoe, hydraulic, crawler, 0.35m3	hr	1.00	0.0%	0.0%	100.0%	57.8%	42.2%	1,010.00	0.00	0.00	1010.00	583.80	426.20	1,010.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	136.73	1010.00	672.67	549.84	1,222.51	
	Unit Rate									75.62	136.45	1007.93	671.29	1143.38	1,220.00	
	Components									6.2%	11.2%	82.6%	55.0%	45.0%	100.0%	

Q0105-060 Backhoe, hydraulic, crawler, 0.50m3 — Operation Hour per Operated Day= 5.47 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	19.60	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	237.16	0.00	154.15	83.01	237.16	
Q0105-060	Backhoe, hydraulic, crawler, 0.60m3	hr	1.00	0.0%	0.0%	100.0%	57.8%	42.2%	1,740.00	0.00	0.00	1740.00	1005.75	734.25	1,740.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	237.16	1740.00	1159.91	893.03	2,052.94	
	Unit Rate									75.67	236.82	1737.51	1158.24	1974.33	2,050.00	
	Components									3.7%	11.6%	84.8%	56.5%	43.5%	100.0%	

Q0106-004 Clamshell, crawler, 0.3m3 — Operation Hour per Operated Day= 6.25 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.16	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	67.36	0.00	0.00	0.00	67.36	67.36	
M01005	Diesel Oil	ltr	7.50	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	90.75	0.00	58.99	31.76	90.75	
Q0106-004	Clamshell, crawler, 0.3m3	hr	1.00	0.0%	0.0%	100.0%	57.3%	42.7%	1,150.00	0.00	0.00	1150.00	658.70	491.30	1,150.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									67.36	90.75	1150.00	717.69	590.42	1,308.11	
	Unit Rate									67.46	90.88	1151.66	718.72	1242.54	1,310.00	
	Components									5.1%	6.9%	87.9%	54.9%	45.1%	100.0%	

Q0106-006 Clamshell, crawler, 0.6m3 — Operation Hour per Operated Day= 6.25 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.16	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	67.36	0.00	0.00	0.00	67.36	67.36	
M01005	Diesel Oil	ltr	16.00	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	193.60	0.00	125.84	67.76	193.60	
Q0106-006	Clamshell, crawler, 0.6m3	hr	1.00	0.0%	0.0%	100.0%	57.3%	42.7%	2,070.00	0.00	0.00	2070.00	1185.66	884.34	2,070.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									67.36	193.60	2070.00	1311.50	1019.46	2,330.96	
	Unit Rate									67.33	193.52	2069.15	1310.96	2262.67	2,330.00	
	Components									2.9%	8.3%	88.8%	56.3%	43.7%	100.0%	

Q0106-008 Clamshell, crawler, 0.6m3 Deep — Operation Hour per Operated Day= 6.58 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.15	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	63.15	0.00	0.00	0.00	63.15	63.15	
M01005	Diesel Oil	ltr	16.00	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	193.60	0.00	125.84	67.76	193.60	
Q0106-008	Clamshell, crawler, 0.6m3 Deep	hr	1.00	0.0%	0.0%	100.0%	57.4%	42.6%	2,210.00	0.00	0.00	2210.00	1269.63	940.37	2,210.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									63.15	193.60	2210.00	1395.47	1071.28	2,466.75	
	Unit Rate									63.23	193.86	2212.91	1397.31	2406.77	2,470.00	
	Components									2.6%	7.8%	89.6%	56.6%	43.4%	100.0%	

Q0107-034 Tractor Shovel, wheel, 0.34m3 — Operation Hour per Operated Day= 4.50 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.22	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	92.62	0.00	0.00	0.00	92.62	92.62	
M01005	Diesel Oil	ltr	3.30	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	39.93	0.00	25.95	13.98	39.93	
Q0107-034	Tractor Shovel, wheel, 0.34m3	hr	1.00	0.0%	0.0%	100.0%	52.8%	47.2%	530.00	0.00	0.00	530.00	279.71	250.29	530.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									92.62	39.93	530.00	305.87	356.88	662.55	
	Unit Rate									92.68	39.96	530.36	305.88	570.32	663.00	
	Components									14.0%	6.0%	80.0%	46.1%	53.9%	100.0%	

Q0107-080 Tractor Shovel, wheel, 0.8m3 — Operation Hour per Operated Day= 4.50 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.22	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	92.62	0.00	0.00	0.00	92.62	92.62	
M01005	Diesel Oil	ltr	6.60	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	79.86	0.00	51.91	27.95	79.86	
Q0107-080	Tractor Shovel, wheel, 0.8m3	hr	1.00	0.0%	0.0%	100.0%	52.8%	47.2%	794.00	0.00	0.00	794.00	419.04	374.96	794.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									92.62	79.86	794.00	470.95	495.53	966.48	
	Unit Rate									92.57	79.82	793.61	470.72	873.43	965.00	
	Components									9.6%	8.3%	82.2%	48.7%	51.3%	100.0%	

Q0107-120 Tractor Shovel, wheel, 1.2m3 — Operation Hour per Operated Day= 4.30 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.22	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	92.62	0.00	0.00	0.00	92.62	92.62	
M01005	Diesel Oil	ltr	9.70	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	117.37	0.00	76.29	41.08	117.37	
Q0107-120	Tractor Shovel, wheel, 1.2m3	hr	1.00	0.0%	0.0%	100.0%	52.8%	47.2%	1,040.00	0.00	0.00	1040.00	548.87	491.13	1,040.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									92.62	117.37	1040.00	625.16	624.83	1,249.99	
	Unit Rate									92.62	117.37	1040.01	625.17	1157.38	1,250.00	
	Components									7.4%	9.4%	83.2%	50.0%	50.0%	100.0%	

Q0201-080 Giant Breaker, hydraulic, 600~800kg + Backhoe, hydraulic, crawler, 0.60m3 — Operation Hour per Operated Day= 5.47 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	19.60	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	237.16	0.00	154.15	83.01	237.16	
Q0105-060	Backhoe, hydraulic, crawler, 0.60m3	hr	1.00	0.0%	0.0%	100.0%	57.8%	42.2%	1,740.00	0.00	0.00	1740.00	1005.75	734.25	1,740.00	
Q0201-080	Giant Breaker, hydraulic, 600~800kg	day	0.18	0.0%	0.0%	100.0%	64.6%	35.4%	4,420.00	0.00	0.00	795.60	514.34	281.26	795.60	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	237.16	2535.60	1674.25	1174.29	2,848.54	
	Unit Rate									75.82	237.28	2536.90	1675.11	2774.18	2,850.00	
	Components									2.7%	8.3%	89.0%	58.8%	41.2%	100.0%	

Q0201-130 Giant Breaker, hydraulic, 1300kg + Backhoe, hydraulic, crawler, 0.60m3 — Operation Hour per Operated Day= 5.47 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	19.60	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	237.16	0.00	154.15	83.01	237.16	
Q0105-060	Backhoe, hydraulic, crawler, 0.60m3	hr	1.00	0.0%	0.0%	100.0%	57.8%	42.2%	1,740.00	0.00	0.00	1740.00	1005.75	734.25	1,740.00	
Q0201-130	Giant Breaker, hydraulic, 1300kg	day	0.18	0.0%	0.0%	100.0%	64.6%	35.4%	7,490.00	0.00	0.00	1348.20	871.59	476.61	1,348.20	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	237.16	3088.20	2031.50	1369.64	3,401.14	
	Unit Rate									75.75	237.08	3087.16	2030.82	3324.25	3,400.00	
	Components									2.2%	7.0%	90.8%	59.7%	40.3%	100.0%	

Q0203-100 Concrete Crusher, 56~100t + Backhoe, hydraulic, crawler, 0.60m3 — Operation Hour per Operated Day= 5.47 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	19.60	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	237.16	0.00	154.15	83.01	237.16	
Q0105-060	Backhoe, hydraulic, crawler, 0.60m3	hr	1.00	0.0%	0.0%	100.0%	57.8%	42.2%	1,740.00	0.00	0.00	1740.00	1005.75	734.25	1,740.00	
Q0203-100	Concrete Crusher, 56~100t	day	0.18	0.0%	0.0%	100.0%	67.0%	33.0%	8,050.00	0.00	0.00	1449.00	971.00	478.00	1,449.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	237.16	3189.00	2130.91	1371.03	3,501.94	
	Unit Rate									75.74	237.03	3187.23	2129.73	3424.26	3,500.00	
	Components									2.2%	6.8%	91.1%	60.8%	39.2%	100.0%	

Q0301-031 Motor Grader, 3.1m — Operation Hour per Operated Day= 5.22 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.19	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	79.99	0.00	0.00	0.00	79.99	79.99	
M01005	Diesel Oil	ltr	9.40	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	113.74	0.00	73.93	39.81	113.74	
Q0301-031	Motor Grader, 3.1m	hr	1.00	0.0%	0.0%	100.0%	51.8%	48.2%	1,740.00	0.00	0.00	1740.00	901.55	838.45	1,740.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									79.99	113.74	1740.00	975.48	958.25	1,933.73	
	Unit Rate									79.84	113.52	1736.64	973.60	1850.16	1,930.00	
	Components									4.1%	5.9%	90.0%	50.4%	49.6%	100.0%	

Q0302-204 Stabilizer, W=2.0m, D=0.4m — Operation Hour per Operated Day= 5.20 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.19	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	79.99	0.00	0.00	0.00	79.99	79.99	
M01005	Diesel Oil	ltr	20.20	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	244.42	0.00	158.87	85.55	244.42	
Q0302-204	Stabilizer, W=2.0m, D=0.4m	hr	1.00	0.0%	0.0%	100.0%	55.3%	44.7%	16,600.00	0.00	0.00	16600.00	9172.98	7427.02	16,600.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									79.99	244.42	16600.00	9331.85	7592.56	16,924.41	
	Unit Rate									79.87	244.07	16576.06	9319.39	16820.13	16,900.00	
	Components									0.5%	1.4%	98.1%	55.1%	44.9%	100.0%	

Q0303-012 Road Roller, macadam, 10~12t — Operation Hour per Operated Day= 5.22 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.19	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	79.99	0.00	0.00	0.00	79.99	79.99	
M01005	Diesel Oil	ltr	7.50	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	90.75	0.00	58.99	31.76	90.75	
Q0303-012	Road Roller, macadam, 10~12t	hr	1.00	0.0%	0.0%	100.0%	50.8%	49.2%	1,150.00	0.00	0.00	1150.00	583.68	566.32	1,150.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									79.99	90.75	1150.00	642.67	678.07	1,320.74	
	Unit Rate									79.95	90.70	1149.36	642.31	1240.05	1,320.00	
	Components									6.1%	6.9%	87.1%	48.7%	51.3%	100.0%	

Q0304-020 Tire Roller, 8~20t — Operation Hour per Operated Day= 5.00 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.20	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	84.20	0.00	0.00	0.00	84.20	84.20	
M01005	Diesel Oil	ltr	7.20	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	87.12	0.00	56.63	30.49	87.12	
Q0304-020	Tire Roller, 8~20t	hr	1.00	0.0%	0.0%	100.0%	51.3%	48.7%	1,250.00	0.00	0.00	1250.00	640.70	609.30	1,250.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									84.20	87.12	1250.00	697.33	723.99	1,421.32	
	Unit Rate									84.12	87.04	1248.84	696.68	1335.88	1,420.00	
	Components									5.9%	6.1%	87.9%	49.1%	50.9%	100.0%	

Q0305-011 Vibration Roller, Handy, 0.8~1.1t — Operation Hour per Operated Day= 5.22 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L019	Skilled Labor	md	0.19	100.0%	0.0%	0.0%	0.0%	100.0%	403.00	76.57	0.00	0.00	0.00	76.57	76.57	
M01005	Diesel Oil	ltr	1.00	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	12.10	0.00	7.87	4.24	12.10	
Q0305-011	Vibration Roller, Handy, 0.8~1.1t	hr	1.00	0.0%	0.0%	100.0%	57.4%	42.6%	205.00	0.00	0.00	205.00	117.62	87.38	205.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									76.57	12.10	205.00	125.49	168.18	293.67	
	Unit Rate									76.66	12.11	205.23	125.63	217.34	294.00	
	Components									26.1%	4.1%	69.8%	42.7%	57.3%	100.0%	

Q0305-140 Vibration Roller, combined, 3~4t — Operation Hour per Operated Day= 4.80 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.21	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	88.41	0.00	0.00	0.00	88.41	88.41	
M01005	Diesel Oil	ltr	3.30	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	39.93	0.00	25.95	13.98	39.93	
Q0305-140	Vibration Roller, combined, 3~4t	hr	1.00	0.0%	0.0%	100.0%	53.8%	46.2%	819.00	0.00	0.00	819.00	440.73	378.27	819.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									88.41	39.93	819.00	466.69	480.65	947.34	
	Unit Rate									88.33	39.92	818.71	466.52	858.52	947.00	
	Components									9.3%	4.2%	86.5%	49.3%	50.7%	100.0%	

Q0305-210 Vibration Roller, tandem, 8~10t — Operation Hour per Operated Day= 5.13 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.19	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	79.99	0.00	0.00	0.00	79.99	79.99	
M01005	Diesel Oil	ltr	15.00	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	181.50	0.00	117.98	63.53	181.50	
Q0305-210	Vibration Roller, tandem, 8~10t	hr	1.00	0.0%	0.0%	100.0%	53.8%	46.2%	2,510.00	0.00	0.00	2510.00	1350.72	1159.28	2,510.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									79.99	181.50	2510.00	1468.69	1302.80	2,771.49	
	Unit Rate									79.95	181.40	2508.65	1467.90	2690.05	2,770.00	
	Components									2.9%	6.5%	90.6%	53.0%	47.0%	100.0%	

Q0306-010 Tamper and Rammer, 60~100kg — Operation Hour per Operated Day= 5.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L019	Skilled Labor	md	1.00	100.0%	0.0%	0.0%	0.0%	100.0%	403.00	403.00	0.00	0.00	0.00	403.00	403.00	
M01006	Gasoline	ltr	4.50	0.0%	100.0%	0.0%	65.0%	35.0%	14.20	0.00	63.90	0.00	41.54	22.37	63.90	
Q0306-010	Tamper and Rammer, 60~100kg	day	1.00	0.0%	0.0%	100.0%	65.1%	34.9%	375.00	0.00	0.00	375.00	244.12	130.88	375.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									403.00	63.90	375.00	285.65	556.25	841.90	
	Unit Rate									403.05	63.91	375.04	285.69	438.95	842.00	
	Components									47.9%	7.6%	44.5%	33.9%	66.1%	100.0%	

Q0307-110 Vibration Compactor, 100~110kg — Operation Hour per Operated Day= 5.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L019	Skilled Labor	md	1.00	100.0%	0.0%	0.0%	0.0%	100.0%	403.00	403.00	0.00	0.00	0.00	403.00	403.00	
M01006	Gasoline	ltr	6.00	0.0%	100.0%	0.0%	65.0%	35.0%	14.20	0.00	85.20	0.00	55.38	29.82	85.20	
Q0307-110	Vibration Compactor, 100~110kg	day	1.00	0.0%	0.0%	100.0%	64.7%	35.3%	366.00	0.00	0.00	366.00	236.85	129.15	366.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									403.00	85.20	366.00	292.23	561.97	854.20	
	Unit Rate									402.91	85.18	365.91	292.17	451.09	854.00	
	Components									47.2%	10.0%	42.8%	34.2%	65.8%	100.0%	

Q0401-022 Crawler Crane, 22.5t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	6.70	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	81.07	0.00	52.70	28.37	81.07	
Q0401-022	Crawler Crane, 22.5t	hr	1.00	0.0%	0.0%	100.0%	52.1%	47.9%	2,260.00	0.00	0.00	2260.00	1178.38	1081.62	2,260.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	81.07	2260.00	1231.08	1181.56	2,412.64	
	Unit Rate									71.49	80.98	2257.53	1229.73	2338.51	2,410.00	
	Components									3.0%	3.4%	93.7%	51.0%	49.0%	100.0%	

Q0401-027 Crawler Crane, 25~27t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	8.10	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	98.01	0.00	63.71	34.30	98.01	
Q0401-027	Crawler Crane, 25~27t	hr	1.00	0.0%	0.0%	100.0%	52.1%	47.9%	2,700.00	0.00	0.00	2700.00	1407.80	1292.20	2,700.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	98.01	2700.00	1471.51	1398.07	2,869.58	
	Unit Rate									71.58	98.02	2700.40	1471.72	2798.42	2,870.00	
	Components									2.5%	3.4%	94.1%	51.3%	48.7%	100.0%	

Q0401-037 Crawler Crane, 35~37t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	8.40	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	101.64	0.00	66.07	35.57	101.64	
Q0401-037	Crawler Crane, 35~37t	hr	1.00	0.0%	0.0%	100.0%	52.1%	47.9%	3,780.00	0.00	0.00	3780.00	1970.92	1809.08	3,780.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	101.64	3780.00	2036.99	1916.22	3,953.21	
	Unit Rate									71.51	101.56	3776.93	2035.33	3878.49	3,950.00	
	Components									1.8%	2.6%	95.6%	51.5%	48.5%	100.0%	

Q0401-040 Crawler Crane, 40t — Operation Hour per Operated Day= 6.21 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.16	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	67.36	0.00	0.00	0.00	67.36	67.36	
M01005	Diesel Oil	ltr	10.80	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	130.68	0.00	84.94	45.74	130.68	
Q0401-040	Crawler Crane, 40t	hr	1.00	0.0%	0.0%	100.0%	52.1%	47.9%	3,050.00	0.00	0.00	3050.00	1590.29	1459.71	3,050.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									67.36	130.68	3050.00	1675.23	1572.81	3,248.04	
	Unit Rate									67.40	130.76	3051.84	1676.23	3182.60	3,250.00	
	Components									2.1%	4.0%	93.9%	51.6%	48.4%	100.0%	

Q0401-050 Crawler Crane, 50t — Operation Hour per Operated Day= 6.21 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.16	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	67.36	0.00	0.00	0.00	67.36	67.36	
M01005	Diesel Oil	ltr	12.50	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	151.25	0.00	98.31	52.94	151.25	
Q0401-050	Crawler Crane, 50t	hr	1.00	0.0%	0.0%	100.0%	52.1%	47.9%	4,020.00	0.00	0.00	4020.00	2096.06	1923.94	4,020.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									67.36	151.25	4020.00	2194.37	2044.24	4,238.61	
	Unit Rate									67.38	151.30	4021.32	2195.09	4172.62	4,240.00	
	Components									1.6%	3.6%	94.8%	51.8%	48.2%	100.0%	

Q0401-060 Crawler Crane, 60t — Operation Hour per Operated Day= 6.21 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.16	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	67.36	0.00	0.00	0.00	67.36	67.36	
M01005	Diesel Oil	ltr	13.30	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	160.93	0.00	104.60	56.33	160.93	
Q0401-060	Crawler Crane, 60t	hr	1.00	0.0%	0.0%	100.0%	52.1%	47.9%	5,360.00	0.00	0.00	5360.00	2794.74	2565.26	5,360.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									67.36	160.93	5360.00	2899.35	2688.94	5,588.29	
	Unit Rate									67.38	160.98	5361.64	2900.24	5522.62	5,590.00	
	Components									1.2%	2.9%	95.9%	51.9%	48.1%	100.0%	

Q0402-005 Truck Crane, 4.8~4.9t — Operation Hour per Operated Day= 5.71 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	5.40	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	65.34	0.00	42.47	22.87	65.34	
Q0402-005	Truck Crane, 4.8~4.9t	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	788.00	0.00	0.00	788.00	438.24	349.76	788.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	65.34	788.00	480.71	448.41	929.12	
	Unit Rate									75.77	65.33	787.90	480.65	853.23	929.00	
	Components									5.2%	7.0%	84.8%	51.7%	48.3%	100.0%	

Q0402-011 Truck Crane, 10~11t — Operation Hour per Operated Day= 5.71 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	5.40	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	65.34	0.00	42.47	22.87	65.34	
Q0402-011	Truck Crane, 10~11t	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	1,430.00	0.00	0.00	1430.00	795.28	634.72	1,430.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	65.34	1430.00	837.75	733.37	1,571.12	
	Unit Rate									75.73	65.29	1428.98	837.16	1494.27	1,570.00	
	Components									4.8%	4.2%	91.0%	53.3%	46.7%	100.0%	

Q0402-016 Truck Crane, 15~16t — Operation Hour per Operated Day= 5.71 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	6.30	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	76.23	0.00	49.55	26.68	76.23	
Q0402-016	Truck Crane, 15~16t	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	1,950.00	0.00	0.00	1950.00	1084.47	865.53	1,950.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	76.23	1950.00	1134.02	967.99	2,102.01	
	Unit Rate									75.71	75.16	1948.14	1132.94	2024.29	2,100.00	
	Components									3.6%	3.6%	92.8%	53.9%	46.1%	100.0%	

Q0402-022 Truck Crane, 20~22t — Operation Hour per Operated Day= 5.71 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	6.50	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	78.65	0.00	51.12	27.53	78.65	
Q0402-022	Truck Crane, 20~22t	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	2,220.00	0.00	0.00	2220.00	1234.63	985.37	2,220.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	78.65	2220.00	1285.76	1088.67	2,374.43	
	Unit Rate									75.64	78.50	2215.86	1283.36	2294.36	2,370.00	
	Components									3.2%	3.3%	93.5%	54.2%	45.8%	100.0%	

Q0402-025 Truck Crane, 25t — Operation Hour per Operated Day= 5.71 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	8.10	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	98.01	0.00	63.71	34.30	98.01	
Q0402-025	Truck Crane, 25t	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	2,670.00	0.00	0.00	2670.00	1484.90	1185.10	2,670.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	98.01	2670.00	1548.60	1295.19	2,843.79	
	Unit Rate									75.68	97.88	2666.44	1546.54	2764.32	2,840.00	
	Components									2.7%	3.4%	93.9%	54.5%	45.5%	100.0%	

Q0402-030 Truck Crane, 30t — Operation Hour per Operated Day= 5.71 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	8.30	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	100.43	0.00	65.28	35.15	100.43	
Q0402-030	Truck Crane, 30t	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	3,330.00	0.00	0.00	3330.00	1851.95	1478.05	3,330.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	100.43	3330.00	1917.23	1588.98	3,506.21	
	Unit Rate									75.86	100.54	3333.60	1919.30	3434.14	3,510.00	
	Components									2.2%	2.9%	95.0%	54.7%	45.3%	100.0%	

Q0402-036 Truck Crane, 35~36t — Operation Hour per Operated Day= 5.71 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	12.00	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	145.20	0.00	94.38	50.82	145.20	
Q0402-036	Truck Crane, 35~36t	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	3,660.00	0.00	0.00	3660.00	2035.48	1624.52	3,660.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	145.20	3660.00	2129.86	1751.12	3,880.98	
	Unit Rate									75.76	145.16	3659.08	2129.32	3804.24	3,880.00	
	Components									2.0%	3.7%	94.3%	54.9%	45.1%	100.0%	

Q0402-045 Truck Crane, 40~45t — Operation Hour per Operated Day= 5.71 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	12.50	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	151.25	0.00	98.31	52.94	151.25	
Q0402-045	Truck Crane, 40~45t	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	4,600.00	0.00	0.00	4600.00	2558.25	2041.75	4,600.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	151.25	4600.00	2656.56	2170.47	4,827.03	
	Unit Rate									75.83	151.34	4602.83	2658.20	4754.17	4,830.00	
	Components									1.6%	3.1%	95.3%	55.0%	45.0%	100.0%	

Q0402-060 Truck Crane, 60t — Operation Hour per Operated Day= 5.71 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	12.50	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	151.25	0.00	98.31	52.94	151.25	
Q0402-060	Truck Crane, 60t	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	6,020.00	0.00	0.00	6020.00	3347.97	2672.03	6,020.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	151.25	6020.00	3446.28	2800.75	6,247.03	
	Unit Rate									75.82	151.32	6022.86	3447.92	6174.18	6,250.00	
	Components									1.2%	2.4%	96.4%	55.2%	44.8%	100.0%	

Q0402-080 Truck Crane, 80t — Operation Hour per Operated Day= 5.71 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	18.40	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	222.64	0.00	144.72	77.92	222.64	
Q0402-080	Truck Crane, 80t	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	11,000.00	0.00	0.00	11000.00	6117.55	4882.45	11,000.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	222.64	11000.00	6262.27	5036.15	11,298.42	
	Unit Rate									75.79	222.67	11001.54	6263.14	11224.21	11,300.00	
	Components									0.7%	2.0%	97.4%	55.4%	44.6%	100.0%	

Q0402-120 Truck Crane, 120t — Operation Hour per Operated Day= 5.71 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	21.30	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	257.73	0.00	167.52	90.21	257.73	
Q0402-120	Truck Crane, 120t	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	15,500.00	0.00	0.00	15500.00	8620.18	6879.82	15,500.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	257.73	15500.00	8787.71	7045.80	15,833.51	
	Unit Rate									75.62	257.18	15467.20	8769.11	15724.38	15,800.00	
	Components									0.5%	1.6%	97.9%	55.5%	44.5%	100.0%	

Q0402-136 Truck Crane, 127~136t — Operation Hour per Operated Day= 7.80 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.13	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	54.73	0.00	0.00	0.00	54.73	54.73	
M01005	Diesel Oil	ltr	19.70	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	238.37	0.00	154.94	83.43	238.37	
Q0402-136	Truck Crane, 127~136t	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	15,500.00	0.00	0.00	15500.00	8620.18	6879.82	15,500.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									54.73	238.37	15500.00	8775.12	7017.98	15,793.10	
	Unit Rate									54.75	235.47	15506.77	8778.96	15745.25	15,800.00	
	Components									0.3%	1.5%	98.1%	55.6%	44.4%	100.0%	

Q0402-150 Truck Crane, 150t — Operation Hour per Operated Day= 7.80 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.13	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	54.73	0.00	0.00	0.00	54.73	54.73	
M01005	Diesel Oil	ltr	23.20	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	280.72	0.00	182.47	98.25	280.72	
Q0402-150	Truck Crane, 150t	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	17,200.00	0.00	0.00	17200.00	9565.62	7634.38	17,200.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									54.73	280.72	17200.00	9748.09	7787.36	17,535.45	
	Unit Rate									54.62	280.15	17165.23	9728.38	17445.38	17,500.00	
	Components									0.3%	1.6%	98.1%	55.6%	44.4%	100.0%	

Q0402-160 Truck Crane, 160t — Operation Hour per Operated Day= 5.71 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	24.20	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	292.82	0.00	190.33	102.49	292.82	
Q0402-160	Truck Crane, 160t	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	20,700.00	0.00	0.00	20700.00	11512.12	9187.88	20,700.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	292.82	20700.00	11702.45	9366.15	21,068.60	
	Unit Rate									75.89	293.26	20730.85	11719.89	21024.11	21,100.00	
	Components									0.4%	1.4%	98.3%	55.5%	44.5%	100.0%	

Q0403-020 Wheel Crane, 20~22t — Operation Hour per Operated Day= 5.93 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	17.10	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	206.91	0.00	134.49	72.42	206.91	
Q0403-020	Wheel Crane, 20~22t	hr	1.00	0.0%	0.0%	100.0%	54.0%	46.0%	2,070.00	0.00	0.00	2070.00	1117.79	952.21	2,070.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	206.91	2070.00	1252.28	1096.20	2,348.48	
	Unit Rate									71.62	207.04	2071.34	1253.09	2278.38	2,350.00	
	Components									3.0%	8.8%	88.1%	53.3%	46.7%	100.0%	

Q0405-009 Lift Car, 8~9m — Operation Hour per Operated Day= 5.25 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.19	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	79.99	0.00	0.00	0.00	79.99	79.99	
M01005	Diesel Oil	ltr	2.70	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	32.67	0.00	21.24	11.43	32.67	
Q0405-009	Lift Car, 8~9m	hr	1.00	0.0%	0.0%	100.0%	57.9%	42.1%	713.00	0.00	0.00	713.00	412.66	300.34	713.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									79.99	32.67	713.00	433.90	391.76	825.66	
	Unit Rate									80.02	32.68	713.29	434.08	745.98	826.00	
	Components									9.7%	4.0%	86.4%	52.5%	47.4%	100.0%	

Q0405-013 Lift Car, 12~13m — Operation Hour per Operated Day= 5.25 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.19	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	79.99	0.00	0.00	0.00	79.99	79.99	
M01005	Diesel Oil	ltr	2.90	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	35.09	0.00	22.81	12.28	35.09	
Q0405-013	Lift Car, 12~13m	hr	1.00	0.0%	0.0%	100.0%	57.9%	42.1%	1,060.00	0.00	0.00	1060.00	613.49	446.51	1,060.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									79.99	35.09	1060.00	636.30	538.78	1,175.08	
	Unit Rate									80.32	35.24	1064.44	638.97	1099.68	1,180.00	
	Components									6.8%	3.0%	90.2%	54.1%	45.9%	100.0%	

Q0503-022 Vibro Hammer, 22kW + Crawler Crane, 35~37t — Operation Hour per Operated Day= 6.56 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.15	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	63.15	0.00	0.00	0.00	63.15	63.15	
M01009	Electric Supply	kWh	6.70	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	26.80	0.00	13.40	13.40	26.80	
M01005	Diesel Oil	ltr	8.40	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	101.64	0.00	66.07	35.57	101.64	
Q0503-022	Vibro Hammer, 22kW	hr	1.00	0.0%	0.0%	100.0%	57.1%	42.9%	887.00	0.00	0.00	887.00	506.45	380.55	887.00	
Q0401-037	Crawler Crane, 35~37t	hr	1.00	0.0%	0.0%	100.0%	52.1%	47.9%	3,780.00	0.00	0.00	3780.00	1970.92	1809.08	3,780.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									63.15	128.44	4,667.00	2,556.83	2,301.75	4,858.59	
	Unit Rate									63.17	128.48	4668.35	2557.58	4796.83	4,860.00	
	Components									1.3%	2.6%	96.1%	52.6%	47.4%	100.0%	

Q0503-030 Vibro Hammer, 30kW + Crawler Crane, 35~37t — Operation Hour per Operated Day= 6.56 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.15	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	63.15	0.00	0.00	0.00	63.15	63.15	
M01009	Electric Supply	kWh	9.20	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	36.80	0.00	18.40	18.40	36.80	
M01005	Diesel Oil	ltr	8.40	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	101.64	0.00	66.07	35.57	101.64	
Q0503-030	Vibro Hammer, 30kW	hr	1.00	0.0%	0.0%	100.0%	57.1%	42.9%	1,120.00	0.00	0.00	1120.00	639.48	480.52	1,120.00	
Q0401-037	Crawler Crane, 35~37t	hr	1.00	0.0%	0.0%	100.0%	52.1%	47.9%	3,780.00	0.00	0.00	3780.00	1970.92	1809.08	3,780.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									63.15	138.44	4,900.00	2,694.87	2,406.72	5,101.59	
	Unit Rate									63.13	138.40	4898.47	2694.03	5035.87	5,100.00	
	Components									1.2%	2.7%	96.0%	52.8%	47.2%	100.0%	

Q0503-040 Vibro Hammer, 40kW + Crawler Crane, 35~37t — Operation Hour per Operated Day= 6.56 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.15	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	63.15	0.00	0.00	0.00	63.15	63.15	
M01009	Electric Supply	kWh	12.20	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	48.80	0.00	24.40	24.40	48.80	
M01005	Diesel Oil	ltr	8.40	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	101.64	0.00	66.07	35.57	101.64	
Q0503-040	Vibro Hammer, 40kW	hr	1.00	0.0%	0.0%	100.0%	57.1%	42.9%	1,360.00	0.00	0.00	1360.00	776.51	583.49	1,360.00	
Q0401-037	Crawler Crane, 35~37t	hr	1.00	0.0%	0.0%	100.0%	52.1%	47.9%	3,780.00	0.00	0.00	3780.00	1970.92	1809.08	3,780.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									63.15	150.44	5,140.00	2,837.90	2,515.69	5,353.59	
	Unit Rate									63.11	150.34	5136.55	2836.00	5286.89	5,350.00	
	Components									1.2%	2.8%	96.0%	53.0%	47.0%	100.0%	

Q0503-060 Vibro Hammer, 60kW + Crawler Crane, 40t — Operation Hour per Operated Day= 6.56 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L003	Operator	md	0.15	421.00	100.0%	0.0%	0.0%	0.0%	100.0%	63.15	63.15	0.00	0.00	0.00	63.15	
M01009	Electric Supply	kWh	18.30	4.00	0.0%	100.0%	0.0%	50.0%	50.0%	73.20	0.00	73.20	0.00	36.60	36.60	
M01005	Diesel Oil	ltr	10.80	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	130.68	0.00	130.68	0.00	84.94	45.74	
Q0503-060	Vibro Hammer, 60kW	hr	1.00	2,030.00	0.0%	0.0%	100.0%	57.1%	42.9%	2,030.00	0.00	0.00	2030.00	1159.06	870.94	
Q0401-040	Crawler Crane, 40t	hr	1.00	3,050.00	0.0%	0.0%	100.0%	52.1%	47.9%	3,050.00	0.00	0.00	3050.00	1590.29	1459.71	
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										63.15	203.88	5,080.00	2,870.90	2,475.13	5,347.03
	Unit Rate										63.19	203.99	5082.82	2872.49	5286.81	5,350.00
	Components										1.2%	3.8%	95.0%	53.7%	46.3%	100.0%

Q0504-025 Diesel Hammer Piling Machine, crawler, triaxial support, ram 2.5t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L003	Operator	md	0.17	421.00	100.0%	0.0%	0.0%	0.0%	100.0%	71.57	71.57	0.00	0.00	0.00	71.57	
M01005	Diesel Oil	ltr	32.90	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	398.09	0.00	398.09	0.00	258.76	139.33	
Q0504-025	Diesel Hammer Piling Machine, crawler, triaxial support, ram 2.5t	hr	1.00	9,530.00	0.0%	0.0%	100.0%	53.8%	46.2%	9,530.00	0.00	0.00	9530.00	5122.72	4407.28	9,530.00
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										71.57	398.09	9530.00	5381.47	4618.19	9,999.66
	Unit Rate										71.57	398.10	9530.32	5381.66	9928.43	10,000.00
	Components										0.7%	4.0%	95.3%	53.8%	46.2%	100.0%

Q0504-035 Diesel Hammer Piling Machine, crawler, triaxial support, ram 3.5t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L003	Operator	md	0.17	421.00	100.0%	0.0%	0.0%	0.0%	100.0%	71.57	71.57	0.00	0.00	0.00	71.57	
M01005	Diesel Oil	ltr	43.00	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	520.30	0.00	520.30	0.00	338.20	182.11	
Q0504-035	Diesel Hammer Piling Machine, crawler, triaxial support, ram 3.5t	hr	1.00	11,400.00	0.0%	0.0%	100.0%	53.8%	46.2%	11,400.00	0.00	0.00	11400.00	6127.91	5272.09	11,400.00
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										71.57	520.30	11400.00	6466.10	5525.77	11,991.87
	Unit Rate										71.62	520.65	11407.73	6470.49	11928.36	12,000.00
	Components										0.6%	4.3%	95.1%	53.9%	46.1%	100.0%

Q0504-045 Diesel Hammer Pile Driving Machine, crawler, triaxial support, ram 4.5t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L003	Operator	md	0.17	421.00	100.0%	0.0%	0.0%	0.0%	100.0%	71.57	71.57	0.00	0.00	0.00	71.57	
M01005	Diesel Oil	ltr	50.60	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	612.26	0.00	612.26	0.00	397.97	214.29	
Q0504-045	Diesel Hammer Pile Driving Machine, crawler, triaxial support, ram 4.5t	hr	1.00	12,400.00	0.0%	0.0%	100.0%	53.8%	46.2%	12,400.00	0.00	0.00	12400.00	6665.44	5734.56	12,400.00
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										71.57	612.26	12400.00	7063.41	6020.42	13,083.83
	Unit Rate										71.66	613.02	12415.32	7072.14	13028.34	13,100.00
	Components										0.5%	4.7%	94.8%	54.0%	46.0%	100.0%

Q0504-060 Diesel Hammer Piling Machine, crawler, triaxial support, ram 6.0t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L003	Operator	md	0.17	421.00	100.0%	0.0%	0.0%	0.0%	100.0%	71.57	71.57	0.00	0.00	0.00	71.57	
M01005	Diesel Oil	ltr	64.70	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	782.87	0.00	782.87	0.00	508.87	274.00	
Q0504-060	Diesel Hammer Piling Machine, crawler, triaxial support, ram 6.0t	hr	1.00	16,300.00	0.0%	0.0%	100.0%	53.8%	46.2%	16,300.00	0.00	0.00	16300.00	8761.83	7538.17	16,300.00
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										71.57	782.87	16300.00	9270.70	7883.74	17,154.44
	Unit Rate										71.76	784.95	16343.29	9295.32	17128.24	17,200.00
	Components										0.4%	4.6%	95.0%	54.0%	46.0%	100.0%

Q0504-072 Diesel Hammer Piling Machine, crawler, triaxial support, ram 7.2t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L003	Operator	md	0.17	421.00	100.0%	0.0%	0.0%	0.0%	100.0%	71.57	71.57	0.00	0.00	0.00	71.57	
M01005	Diesel Oil	ltr	74.60	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	902.66	0.00	902.66	0.00	586.73	315.93	
Q0504-072	Diesel Hammer Piling Machine, crawler, triaxial support, ram 7.2t	hr	1.00	20,000.00	0.0%	0.0%	100.0%	53.8%	46.2%	20,000.00	0.00	0.00	20000.00	10750.72	9249.28	20,000.00
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										71.57	902.66	20000.00	11337.44	9636.79	20,974.23
	Unit Rate										71.66	903.77	20024.57	11351.37	20928.34	21,000.00
	Components										0.3%	4.3%	95.4%	54.1%	45.9%	100.0%

Q0505-013 Diesel Hammer Piling Machine, crawler, boom, ram 1.3t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L003	Operator	md	0.17	421.00	100.0%	0.0%	0.0%	0.0%	100.0%	71.57	71.57	0.00	0.00	0.00	71.57	
M01005	Diesel Oil	ltr	24.10	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	291.61	0.00	291.61	0.00	189.55	102.06	
Q0505-013	Diesel Hammer Piling Machine, crawler, boom, ram 1.3t	hr	1.00	5,390.00	0.0%	0.0%	100.0%	55.4%	44.6%	5,390.00	0.00	0.00	5390.00	2987.83	2402.17	5,390.00
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										71.57	291.61	5390.00	3177.37	2575.81	5,753.18
	Unit Rate										71.53	291.45	5387.02	3175.62	5678.47	5,750.00
	Components										1.2%	5.1%	93.7%	55.2%	44.8%	100.0%

Q0505-025 Diesel Hammer Piling Machine, crawler, boom, ram 2.5t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L003	Operator	md	0.17	421.00	100.0%	0.0%	0.0%	0.0%	100.0%	71.57	71.57	0.00	0.00	0.00	71.57	
M01005	Diesel Oil	ltr	35.70	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	431.97	0.00	431.97	0.00	280.78	151.19	
Q0505-025	Diesel Hammer Piling Machine, crawler, boom, ram 2.5t	hr	1.00	5,830.00	0.0%	0.0%	100.0%	55.4%	44.6%	5,830.00	0.00	0.00	5830.00	3231.73	2598.27	5,830.00
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										71.57	431.97	5830.00	3512.51	2821.03	6,333.54
	Unit Rate										71.53	431.73	5826.74	3510.55	6258.47	6,330.00
	Components										1.1%	6.8%	92.0%	55.5%	44.5%	100.0%

Q0506-020 Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 2.0 t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L003	Operator	md	0.17	421.00	100.0%	0.0%	0.0%	0.0%	100.0%	71.57	71.57	0.00	0.00	0.00	71.57	
M01005	Diesel Oil	ltr	40.30	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	487.63	0.00	487.63	0.00	316.96	170.67	
Q0506-020	Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 2.0 t	hr	1.00	7,920.00	0.0%	0.0%	100.0%	55.4%	44.6%	7,920.00	0.00	0.00	7920.00	4390.28	3529.72	7,920.00
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										71.57	487.63	7920.00	4707.24	3771.96	8,479.20
	Unit Rate										71.58	487.68	7920.75	4707.68	8408.42	8,480.00
	Components										0.8%	5.8%	93.4%	55.5%	44.5%	100.0%

Q0506-045 Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 4.0~4.5 t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	53.20	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	643.72	0.00	418.42	225.30	643.72	
Q0506-045	Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 4.0~4.5 t	hr	1.00	0.0%	0.0%	100.0%	55.4%	44.6%	10,100.00	0.00	0.00	10100.00	5598.71	4501.29	10,100.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	643.72	10100.00	6017.13	4798.15	10,815.29	
	Unit Rate									71.47	642.81	10085.72	6008.62	10728.53	10,800.00	
	Components									0.7%	6.0%	93.4%	55.6%	44.4%	100.0%	

Q0506-065 Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 6.5 t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	54.60	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	660.66	0.00	429.43	231.23	660.66	
Q0506-065	Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 6.5 t	hr	1.00	0.0%	0.0%	100.0%	55.4%	44.6%	12,300.00	0.00	0.00	12300.00	6818.23	5481.77	12,300.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	660.66	12300.00	7247.66	5784.57	13,032.23	
	Unit Rate									71.39	659.03	12269.58	7229.74	12928.61	13,000.00	
	Components									0.5%	5.1%	94.4%	55.6%	44.4%	100.0%	

Q0506-080 Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 7.0~8.0 t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	54.60	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	660.66	0.00	429.43	231.23	660.66	
Q0506-080	Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 7.0~8.0 t	hr	1.00	0.0%	0.0%	100.0%	55.4%	44.6%	14,300.00	0.00	0.00	14300.00	7926.89	6373.11	14,300.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	660.66	14300.00	8356.32	6675.91	15,032.23	
	Unit Rate									71.42	659.24	14269.34	8338.40	14928.58	15,000.00	
	Components									0.5%	4.4%	95.1%	55.6%	44.4%	100.0%	

Q0506-125 Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 10~12.5 t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	54.60	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	660.66	0.00	429.43	231.23	660.66	
Q0506-125	Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 10~12.5 t	hr	1.00	0.0%	0.0%	100.0%	55.4%	44.6%	15,300.00	0.00	0.00	15300.00	8481.22	6818.78	15,300.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	660.66	15300.00	8910.64	7121.59	16,032.23	
	Unit Rate									71.43	659.33	15269.24	8892.73	15928.57	16,000.00	
	Components									0.4%	4.1%	95.4%	55.6%	44.4%	100.0%	

Q0507-030 Diesel Hammer & Earth Auger Piling Machine, crawler, triaxial support, ram 2.5t, auger 30kW — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	19.10	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	231.11	0.00	150.22	80.89	231.11	
Q0507-030	Diesel Hammer & Earth Auger Piling Machine, crawler, triaxial support, ram 2.5t, auger 30kW	hr	1.00	0.0%	0.0%	100.0%	55.4%	44.6%	8,460.00	0.00	0.00	8460.00	4689.61	3770.39	8,460.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	231.11	8460.00	4839.83	3922.85	8,762.68	
	Unit Rate									71.55	231.04	8457.41	4838.35	8688.45	8,760.00	
	Components									0.8%	2.6%	96.5%	55.2%	44.8%	100.0%	

Q0507-045 Diesel Hammer & Earth Auger Piling Machine, crawler, triaxial support, ram 3.5, auger 45kW — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	21.30	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	257.73	0.00	167.52	90.21	257.73	
Q0507-045	Diesel Hammer & Earth Auger Piling Machine, crawler, triaxial support, ram 3.5, auger 45kW	hr	1.00	0.0%	0.0%	100.0%	55.4%	44.6%	11,100.00	0.00	0.00	11100.00	6153.04	4946.96	11,100.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	257.73	11100.00	6320.56	5108.74	11,429.30	
	Unit Rate									71.39	257.07	11071.54	6304.36	11328.61	11,400.00	
	Components									0.6%	2.3%	97.1%	55.2%	44.7%	100.0%	

Q0508-030 Earth Auger Piling Machine, crawler, 30kW — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	6.30	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	76.23	0.00	49.55	26.68	76.23	
Q0508-030	Earth Auger Piling Machine, crawler, 30kW	hr	1.00	0.0%	0.0%	100.0%	55.4%	44.6%	8,460.00	0.00	0.00	8460.00	4689.61	3770.39	8,460.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	76.23	8460.00	4739.16	3868.84	8,607.80	
	Unit Rate									71.59	76.25	8462.16	4740.37	8538.41	8,610.00	
	Components									0.8%	0.9%	98.3%	55.1%	44.9%	100.0%	

Q0508-045 Earth Auger Piling Machine, crawler, 45kW — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	7.90	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	95.59	0.00	62.13	33.46	95.59	
Q0508-045	Earth Auger Piling Machine, crawler, 45kW	hr	1.00	0.0%	0.0%	100.0%	55.4%	44.6%	12,600.00	0.00	0.00	12600.00	6984.53	5615.47	12,600.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	95.59	12600.00	7046.66	5720.50	12,767.16	
	Unit Rate									71.75	95.84	12632.41	7064.79	12728.25	12,800.00	
	Components									0.6%	0.7%	98.7%	55.2%	44.8%	100.0%	

Q0509-045 Earth Auger, crawler, 45kW — Operation Hour per Operated Day= 6.00 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	6.80	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	82.28	0.00	53.48	28.80	82.28	
Q0509-045	Earth Auger, crawler, 45kW	hr	1.00	0.0%	0.0%	100.0%	55.4%	44.6%	11,000.00	0.00	0.00	11000.00	6097.61	4902.39	11,000.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	82.28	11000.00	6151.09	5002.76	11,153.85	
	Unit Rate									71.97	82.62	11045.51	6175.54	11128.13	11,200.00	
	Components									0.6%	0.7%	98.6%	55.1%	44.9%	100.0%	

Q0509-055 Earth Auger, crawler, 55kW — Operation Hour per Operated Day= 6.00 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	6.80	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	82.28	0.00	53.48	28.80	82.28	
Q0509-055	Earth Auger, crawler, 55kW	hr	1.00	0.0%	0.0%	100.0%	55.4%	44.6%	12,200.00	0.00	0.00	12200.00	6762.80	5437.20	12,200.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	82.28	12200.00	6816.28	5537.57	12,353.85	
	Unit Rate									71.84	82.59	12245.58	6841.74	12328.16	12,400.00	
	Components									0.6%	0.7%	98.8%	55.2%	44.8%	100.0%	

Q0513-120 All Casing Excavator, φ1200max — Operation Hour per Operated Day= 6.50 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.15	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	63.15	0.00	0.00	0.00	63.15	63.15	
M01005	Diesel Oil	ltr	22.40	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	271.04	0.00	176.18	94.86	271.04	
Q0513-120	All Casing Excavator, φ1200max	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	5,870.00	0.00	0.00	5870.00	3261.30	2608.70	5,870.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									63.15	271.04	5870.00	3437.48	2766.71	6,204.19	
	Unit Rate									63.11	270.86	5866.04	3435.15	6136.89	6,200.00	
	Components									1.0%	4.4%	94.6%	55.4%	44.6%	100.0%	

Q0513-150 All Casing Excavator, φ1500max — Operation Hour per Operated Day= 6.50 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.15	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	63.15	0.00	0.00	0.00	63.15	63.15	
M01005	Diesel Oil	ltr	14.90	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	180.29	0.00	117.19	63.10	180.29	
Q0513-150	All Casing Excavator, φ1500max	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	8,390.00	0.00	0.00	8390.00	4661.38	3728.62	8,390.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									63.15	180.29	8390.00	4778.57	3854.87	8,633.44	
	Unit Rate									63.12	180.22	8386.66	4776.67	8566.88	8,630.00	
	Components									0.7%	2.1%	97.2%	55.3%	44.7%	100.0%	

Q0513-200 All Casing Excavator, φ2000max — Operation Hour per Operated Day= 6.50 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.15	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	63.15	0.00	0.00	0.00	63.15	63.15	
M01005	Diesel Oil	ltr	14.90	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	180.29	0.00	117.19	63.10	180.29	
Q0513-200	All Casing Excavator, φ2000max	hr	1.00	0.0%	0.0%	100.0%	55.6%	44.4%	11,500.00	0.00	0.00	11500.00	6389.26	5110.74	11,500.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									63.15	180.29	11500.00	6506.45	5236.99	11,743.44	
	Unit Rate									62.92	179.62	11457.46	6482.38	11637.08	11,700.00	
	Components									0.5%	1.5%	97.9%	55.4%	44.6%	100.0%	

Q0518-055 Reverse Circulation Drill, 55kW — Operation Hour per Operated Day= 6.18 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.16	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	67.36	0.00	0.00	0.00	67.36	67.36	
M01009	Electric Supply	kWh	23.40	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	93.60	0.00	46.80	46.80	93.60	
Q0518-055	Reverse Circulation Drill, 55kW	hr	1.00	0.0%	0.0%	100.0%	55.3%	44.7%	3,510.00	0.00	0.00	3510.00	1941.57	1568.43	3,510.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									67.36	93.60	3510.00	1988.37	1682.59	3,670.96	
	Unit Rate									67.34	93.58	3509.08	1987.85	3602.66	3,670.00	
	Components									1.8%	2.5%	95.6%	54.2%	45.8%	100.0%	

Q0518-075 Reverse Circulation Drill, 75kW — Operation Hour per Operated Day= 6.18 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.16	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	67.36	0.00	0.00	0.00	67.36	67.36	
M01009	Electric Supply	kWh	32.00	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	128.00	0.00	64.00	64.00	128.00	
Q0518-075	Reverse Circulation Drill, 75kW	hr	1.00	0.0%	0.0%	100.0%	55.3%	44.7%	3,840.00	0.00	0.00	3840.00	2124.11	1715.89	3,840.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									67.36	128.00	3840.00	2188.11	1847.25	4,035.36	
	Unit Rate									67.44	128.13	3844.42	2190.63	3972.56	4,040.00	
	Components									1.7%	3.2%	95.2%	54.2%	45.8%	100.0%	

Q0520-075 Sand Piling Machine, 75kW (35~37t) — Operation Hour per Operated Day= 5.91 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	7.20	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	87.12	0.00	56.63	30.49	87.12	
Q0520-075	Sand Piling Machine, 75kW (35~37t)	hr	1.00	0.0%	0.0%	100.0%	55.4%	44.6%	15,600.00	0.00	0.00	15600.00	8647.51	6952.49	15,600.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	87.12	15600.00	8704.14	7054.55	15,758.69	
	Unit Rate									71.76	87.35	15640.89	8726.96	15728.24	15,800.00	
	Components									0.5%	0.6%	99.0%	55.2%	44.8%	100.0%	

Q0520-120 Sand Piling Machine, 120kW (40t) — Operation Hour per Operated Day= 5.91 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	9.10	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	110.11	0.00	71.57	38.54	110.11	
Q0520-120	Sand Piling Machine, 120kW (40t)	hr	1.00	0.0%	0.0%	100.0%	55.4%	44.6%	17,700.00	0.00	0.00	17700.00	9811.60	7888.40	17,700.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	110.11	17700.00	9883.17	7998.51	17,881.68	
	Unit Rate									71.64	110.22	17718.13	9893.30	17928.36	17,900.00	
	Components									0.4%	0.6%	99.0%	55.3%	44.7%	100.0%	

Q0601-002 Dump Truck, Diesel, 2t — Operation Hour per Operated Day= 6.12 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L004	Driver	md	0.16	100.0%	0.0%	0.0%	0.0%	100.0%	368.00	58.88	0.00	0.00	0.00	58.88	58.88	
M01005	Diesel Oil	ltr	4.80	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	58.08	0.00	37.75	20.33	58.08	
Q0601-002	Dump Truck, Diesel, 2t	hr	1.00	0.0%	0.0%	100.0%	52.6%	47.4%	265.00	0.00	0.00	265.00	139.40	125.60	265.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									58.88	58.08	265.00	177.15	204.81	381.96	
	Unit Rate									58.89	58.09	265.03	177.17	323.11	382.00	
	Components									15.4%	15.2%	69.4%	46.4%	53.6%	100.0%	

Q0601-004 Dump Truck, Diesel, 4t — Operation Hour per Operated Day= 6.12 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L004	Driver	md	0.16	100.0%	0.0%	0.0%	0.0%	100.0%	368.00	58.88	0.00	0.00	0.00	58.88	58.88	
M01005	Diesel Oil	ltr	7.30	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	88.33	0.00	57.41	30.92	88.33	
Q0601-004	Dump Truck, Diesel, 4t	hr	1.00	0.0%	0.0%	100.0%	52.6%	47.4%	404.00	0.00	0.00	404.00	212.52	191.48	404.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									58.88	88.33	404.00	269.93	281.28	551.21	
	Unit Rate									58.86	88.30	403.85	269.83	492.14	551.00	
	Components									10.7%	16.0%	73.3%	49.0%	51.0%	100.0%	

Q0601-011 Dump Truck, Diesel, 10t — Operation Hour per Operated Day= 6.12 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L004	Driver	md	0.16	100.0%	0.0%	0.0%	0.0%	100.0%	368.00	58.88	0.00	0.00	0.00	58.88	58.88	
M01005	Diesel Oil	ltr	13.30	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	160.93	0.00	104.60	56.33	160.93	
Q0601-011	Dump Truck, Diesel, 10t	hr	1.00	0.0%	0.0%	100.0%	52.6%	47.4%	1,070.00	0.00	0.00	1070.00	562.86	507.14	1,070.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									58.88	160.93	1070.00	667.46	622.35	1,289.81	
	Unit Rate									58.89	160.95	1070.16	667.56	1231.11	1,290.00	
	Components									4.6%	12.5%	83.0%	51.7%	48.3%	100.0%	

Q0602-002 Truck, 2t — Operation Hour per Operated Day= 4.47 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L004	Driver	md	0.22	100.0%	0.0%	0.0%	0.0%	100.0%	368.00	80.96	0.00	0.00	0.00	80.96	80.96	
M01005	Diesel Oil	ltr	5.30	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	64.13	0.00	41.68	22.45	64.13	
Q0602-002	Truck, 2t	hr	1.00	0.0%	0.0%	100.0%	51.9%	48.1%	295.00	0.00	0.00	295.00	153.09	141.91	295.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									80.96	64.13	295.00	194.78	245.31	440.09	
	Unit Rate									80.94	64.12	294.94	194.74	359.06	440.00	
	Components									18.4%	14.6%	67.0%	44.3%	55.7%	100.0%	

Q0602-003 Truck, 3~3.5t — Operation Hour per Operated Day= 4.47 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L004	Driver	md	0.22	100.0%	0.0%	0.0%	0.0%	100.0%	368.00	80.96	0.00	0.00	0.00	80.96	80.96	
M01005	Diesel Oil	ltr	5.70	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	68.97	0.00	44.83	24.14	68.97	
Q0602-003	Truck, 3~3.5t	hr	1.00	0.0%	0.0%	100.0%	51.9%	48.1%	371.00	0.00	0.00	371.00	192.53	178.47	371.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									80.96	68.97	371.00	237.36	283.57	520.93	
	Unit Rate									80.97	68.98	371.05	237.40	440.03	521.00	
	Components									15.5%	13.2%	71.2%	45.6%	54.4%	100.0%	

Q0603-004 Truck with 2.9t crane, 4t — Operation Hour per Operated Day= 5.69 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L004	Driver	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	368.00	66.24	0.00	0.00	0.00	66.24	66.24	
M01005	Diesel Oil	ltr	7.10	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	85.91	0.00	55.84	30.07	85.91	
Q0603-004	Truck with 2.9t crane, 4t	hr	1.00	0.0%	0.0%	100.0%	51.9%	48.1%	656.00	0.00	0.00	656.00	340.44	315.56	656.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									66.24	85.91	656.00	396.28	411.87	808.15	
	Unit Rate									66.23	85.89	655.88	396.20	741.77	808.00	
	Components									8.2%	10.6%	81.2%	49.0%	51.0%	100.0%	

Q0604-015 Trailer, 15t — Operation Hour per Operated Day= 5.82 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L004	Driver	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	368.00	62.56	0.00	0.00	0.00	62.56	62.56	
M01005	Diesel Oil	ltr	17.90	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	216.59	0.00	140.78	75.81	216.59	
Q0604-015	Trailer, 15t	hr	1.00	0.0%	0.0%	100.0%	55.4%	44.6%	1,300.00	0.00	0.00	1300.00	719.89	580.11	1,300.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									62.56	216.59	1300.00	860.67	718.48	1,579.15	
	Unit Rate									62.59	216.71	1300.70	861.13	1517.41	1,580.00	
	Components									4.0%	13.7%	82.3%	54.5%	45.5%	100.0%	

Q0605-045 Concrete Mixer Truck 4.4~4.5m3 — Operation Hour per Operated Day= 5.06 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L004	Driver	md	0.20	100.0%	0.0%	0.0%	0.0%	100.0%	368.00	73.60	0.00	0.00	0.00	73.60	73.60	
M01005	Diesel Oil	ltr	12.80	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	154.88	0.00	100.67	54.21	154.88	
Q0605-045	Concrete Mixer Truck 4.4~4.5m3	hr	1.00	0.0%	0.0%	100.0%	55.9%	44.1%	1,060.00	0.00	0.00	1060.00	592.36	467.64	1,060.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									73.60	154.88	1060.00	693.03	595.45	1,288.48	
	Unit Rate									73.69	155.06	1061.25	693.85	1216.31	1,290.00	
	Components									5.7%	12.0%	82.3%	53.8%	46.2%	100.0%	

Q0701-030 Concrete Plant, 30m3/hr — Operation Hour per Operated Day= 5.53 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01009	Electric Supply	kWh	27.70	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	110.80	0.00	55.40	55.40	110.80	
Q0701-030	Concrete Plant, 30m3/hr	hr	1.00	0.0%	0.0%	100.0%	53.2%	46.8%	3,480.00	0.00	0.00	3480.00	1851.95	1628.05	3,480.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	110.80	3480.00	1907.35	1759.23	3,666.58	
	Unit Rate									75.85	110.90	3483.25	1909.13	3594.15	3,670.00	
	Components									2.1%	3.0%	94.9%	52.0%	48.0%	100.0%	

Q0701-045 Concrete Plant, 45m3/hr — Operation Hour per Operated Day= 5.53 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01009	Electric Supply	kWh	37.10	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	148.40	0.00	74.20	74.20	148.40	
Q0701-045	Concrete Plant, 45m3/hr	hr	1.00	0.0%	0.0%	100.0%	53.2%	46.8%	5,590.00	0.00	0.00	5590.00	2974.83	2615.17	5,590.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	148.40	5590.00	3049.03	2765.15	5,814.18	
	Unit Rate									75.73	148.29	5585.98	3046.84	5734.27	5,810.00	
	Components									1.3%	2.6%	96.1%	52.4%	47.6%	100.0%	

Q0702-060 Concrete Pump Vehicle, 55~60m3/hr — Operation Hour per Operated Day= 7.06 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.14	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	58.94	0.00	0.00	0.00	58.94	58.94	
M01005	Diesel Oil	ltr	10.70	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	129.47	0.00	84.16	45.31	129.47	
Q0702-060	Concrete Pump Vehicle, 55~60m3/hr	hr	1.00	0.0%	0.0%	100.0%	57.2%	42.8%	2,450.00	0.00	0.00	2450.00	1402.31	1047.69	2,450.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									58.94	129.47	2450.00	1486.47	1151.94	2,638.41	
	Unit Rate									58.98	129.55	2451.48	1487.37	2581.02	2,640.00	
	Components									2.2%	4.9%	92.9%	56.3%	43.7%	100.0%	

Q0702-085 Concrete Pump Vehicle, 65~85m3/hr — Operation Hour per Operated Day= 7.06 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.14	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	58.94	0.00	0.00	0.00	58.94	58.94	
M01005	Diesel Oil	ltr	13.90	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	168.19	0.00	109.32	58.87	168.19	
Q0702-085	Concrete Pump Vehicle, 65~85m3/hr	hr	1.00	0.0%	0.0%	100.0%	57.2%	42.8%	2,870.00	0.00	0.00	2870.00	1642.71	1227.29	2,870.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									58.94	168.19	2870.00	1752.03	1345.10	3,097.13	
	Unit Rate									58.99	168.35	2872.66	1753.66	3041.01	3,100.00	
	Components									1.9%	5.4%	92.7%	56.6%	43.4%	100.0%	

Q0702-110 Concrete Pump Vehicle, 90~110m3/hr — Operation Hour per Operated Day= 7.06 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.14	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	58.94	0.00	0.00	0.00	58.94	58.94	
M01005	Diesel Oil	ltr	16.70	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	202.07	0.00	131.35	70.72	202.07	
Q0702-110	Concrete Pump Vehicle, 90~110m3/hr	hr	1.00	0.0%	0.0%	100.0%	57.2%	42.8%	3,700.00	0.00	0.00	3700.00	2117.78	1582.22	3,700.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									58.94	202.07	3700.00	2249.13	1711.88	3,961.01	
	Unit Rate									58.92	202.02	3699.06	2248.55	3901.08	3,960.00	
	Components									1.5%	5.1%	93.4%	56.8%	43.2%	100.0%	

Q0703-075 Concrete Pump, 70~75m3/hr — Operation Hour per Operated Day= 7.00 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.14	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	58.94	0.00	0.00	0.00	58.94	58.94	
M01009	Electric Supply	kWh	35.70	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	142.80	0.00	71.40	71.40	142.80	
Q0703-075	Concrete Pump, 70~75m3/hr	hr	1.00	0.0%	0.0%	100.0%	58.1%	41.9%	4,600.00	0.00	0.00	4600.00	2671.93	1928.17	4,600.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									58.94	142.80	4600.00	2743.23	2058.51	4,801.74	
	Unit Rate									58.92	142.75	4598.33	2742.23	4741.08	4,800.00	
	Components									1.2%	3.0%	95.8%	57.1%	42.9%	100.0%	

Q0705-075 Concrete Spreader, 3~7.5m — Operation Hour per Operated Day= 5.88 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	4.10	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	49.61	0.00	32.25	17.36	49.61	
Q0705-075	Concrete Spreader, 3~7.5m	hr	1.00	0.0%	0.0%	100.0%	53.9%	46.1%	3,140.00	0.00	0.00	3140.00	1693.39	1446.61	3,140.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	49.61	3140.00	1725.63	1535.55	3,261.18	
	Unit Rate									71.54	49.59	3138.86	1725.01	3188.46	3,260.00	
	Components									2.2%	1.5%	96.3%	52.9%	47.1%	100.0%	

Q0706-045 Concrete Finisher, 3~4.5m — Operation Hour per Operated Day= 6.00 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	2.40	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	29.04	0.00	18.88	10.16	29.04	
Q0706-045	Concrete Finisher, 3~4.5m	hr	1.00	0.0%	0.0%	100.0%	53.8%	46.2%	3,140.00	0.00	0.00	3140.00	1690.67	1449.33	3,140.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	29.04	3140.00	1709.55	1531.06	3,240.61	
	Unit Rate									71.56	29.03	3139.41	1709.23	3168.44	3,240.00	
	Components									2.2%	0.9%	96.9%	52.8%	47.2%	100.0%	

Q0706-075 Concrete Finisher, 3~7.5m — Operation Hour per Operated Day= 6.00 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	4.10	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	49.61	0.00	32.25	17.36	49.61	
Q0706-075	Concrete Finisher, 3~7.5m	hr	1.00	0.0%	0.0%	100.0%	53.8%	46.2%	6,030.00	0.00	0.00	6030.00	3246.73	2783.27	6,030.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	49.61	6030.00	3278.98	2872.20	6,151.18	
	Unit Rate									71.56	49.60	6028.84	3278.35	6078.44	6,150.00	
	Components									1.2%	0.8%	98.0%	53.3%	46.7%	100.0%	

Q0706-175 Concrete Vertical Finisher, 3~7.5m — Operation Hour per Operated Day= 5.88 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.17	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	71.57	0.00	0.00	0.00	71.57	71.57	
M01005	Diesel Oil	ltr	2.20	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	26.62	0.00	17.30	9.32	26.62	
Q0706-175	Concrete Vertical Finisher, 3~7.5m	hr	1.00	0.0%	0.0%	100.0%	53.9%	46.1%	4,590.00	0.00	0.00	4590.00	2475.37	2114.63	4,590.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									71.57	26.62	4590.00	2492.67	2195.52	4,688.19	
	Unit Rate									71.60	26.63	4591.77	2493.63	4618.40	4,690.00	
	Components									1.5%	0.6%	97.9%	53.2%	46.8%	100.0%	

Q0707-005 Finishing Screed, 3.5~5m — Operation Hour per Operated Day= 5.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	1.00	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	421.00	0.00	0.00	0.00	421.00	421.00	
M01005	Diesel Oil	ltr	2.50	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	30.25	0.00	19.66	10.59	30.25	
Q0707-005	Finishing Screed, 3.5~5m	day	1.00	0.0%	0.0%	100.0%	68.2%	31.8%	572.00	0.00	0.00	572.00	390.37	181.63	572.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									421.00	30.25	572.00	410.03	613.22	1,023.25	
	Unit Rate									419.66	30.15	570.18	408.73	600.34	1,020.00	
	Components									41.1%	3.0%	55.9%	40.1%	59.9%	100.0%	

Q0708-060 Concrete Vibrator Rod, φ60mm — Operation Hour per Operated Day= 0.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01006	Gasoline	ltr	0.00	0.0%	100.0%	0.0%	65.0%	35.0%	14.20	0.00	0.00	0.00	0.00	0.00	0.00	
Q0708-060	Concrete Vibrator Rod, φ60mm	day	1.00	0.0%	0.0%	100.0%	64.0%	36.0%	244.00	0.00	0.00	244.00	156.08	87.92	244.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	0.00	244.00	156.08	87.92	244.00	
	Unit Rate									0.00	0.00	244.00	156.08	244.00	244.00	
	Components									0.0%	0.0%	100.0%	64.0%	36.0%	100.0%	

Q0709-040 Concrete Cutter, blade φ40cm — Operation Hour per Operated Day= 5.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L019	Skilled Labor	md	1.00	100.0%	0.0%	0.0%	0.0%	100.0%	403.00	403.00	0.00	0.00	0.00	403.00	403.00	
M01006	Gasoline	ltr	7.00	0.0%	100.0%	0.0%	65.0%	35.0%	14.20	0.00	99.40	0.00	64.61	34.79	99.40	
Q0709-040	Concrete Cutter, blade φ40cm	day	1.00	0.0%	0.0%	100.0%	63.3%	36.7%	664.00	0.00	0.00	664.00	420.35	243.65	664.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									403.00	99.40	664.00	484.96	681.44	1,166.40	
	Unit Rate									404.24	99.71	666.05	486.46	765.76	1,170.00	
	Components									34.6%	8.5%	56.9%	41.6%	58.4%	100.0%	

Q0709-056 Concrete Cutter, blade φ56cm — Operation Hour per Operated Day= 5.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L019	Skilled Labor	md	1.00	100.0%	0.0%	0.0%	0.0%	100.0%	403.00	403.00	0.00	0.00	0.00	403.00	403.00	
M01006	Gasoline	ltr	11.50	0.0%	100.0%	0.0%	65.0%	35.0%	14.20	0.00	163.30	0.00	106.15	57.16	163.30	
Q0709-056	Concrete Cutter, blade φ56cm	day	1.00	0.0%	0.0%	100.0%	62.0%	38.0%	1,370.00	0.00	0.00	1370.00	849.08	520.92	1,370.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									403.00	163.30	1370.00	955.23	981.07	1,936.30	
	Unit Rate									403.77	163.61	1372.62	957.05	1526.23	1,940.00	
	Components									20.8%	8.4%	70.8%	49.3%	50.7%	100.0%	

Q0709-065 Concrete Cutter, blade φ65cm — Operation Hour per Operated Day= 5.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L019	Skilled Labor	md	1.00	100.0%	0.0%	0.0%	0.0%	100.0%	403.00	403.00	0.00	0.00	0.00	403.00	403.00	
M01006	Gasoline	ltr	18.50	0.0%	100.0%	0.0%	65.0%	35.0%	14.20	0.00	262.70	0.00	170.76	91.95	262.70	
Q0709-065	Concrete Cutter, blade φ65cm	day	1.00	0.0%	0.0%	100.0%	62.0%	38.0%	2,360.00	0.00	0.00	2360.00	1462.65	897.35	2,360.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									403.00	262.70	2360.00	1633.41	1392.29	3,025.70	
	Unit Rate									403.57	263.07	2363.35	1635.73	2626.43	3,030.00	
	Components									13.3%	8.7%	78.0%	54.0%	46.0%	100.0%	

Q0709-075 Concrete Cutter, blade φ75cm — Operation Hour per Operated Day= 5.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L019	Skilled Labor	md	1.00	100.0%	0.0%	0.0%	0.0%	100.0%	403.00	403.00	0.00	0.00	0.00	403.00	403.00	
M01006	Gasoline	ltr	25.50	0.0%	100.0%	0.0%	65.0%	35.0%	14.20	0.00	362.10	0.00	235.37	126.74	362.10	
Q0709-075	Concrete Cutter, blade φ75cm	day	1.00	0.0%	0.0%	100.0%	62.0%	38.0%	4,330.00	0.00	0.00	4330.00	2683.60	1646.40	4,330.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									403.00	362.10	4330.00	2918.96	2176.14	5,095.10	
	Unit Rate									403.39	362.45	4334.16	2921.77	4696.61	5,100.00	
	Components									7.9%	7.1%	85.0%	57.3%	42.7%	100.0%	

Q0709-106 Concrete Cutter, blade φ106cm — Operation Hour per Operated Day= 5.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L019	Skilled Labor	md	1.00	100.0%	0.0%	0.0%	0.0%	100.0%	403.00	403.00	0.00	0.00	0.00	403.00	403.00	
M01006	Gasoline	ltr	31.00	0.0%	100.0%	0.0%	65.0%	35.0%	14.20	0.00	440.20	0.00	286.13	154.07	440.20	
Q0709-106	Concrete Cutter, blade φ106cm	day	1.00	0.0%	0.0%	100.0%	62.0%	38.0%	4,410.00	0.00	0.00	4410.00	2733.18	1676.82	4,410.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									403.00	440.20	4410.00	3019.31	2233.89	5,253.20	
	Unit Rate									402.75	439.93	4407.31	3017.47	4847.25	5,250.00	
	Components									7.7%	8.4%	83.9%	57.5%	42.5%	100.0%	

Q0710-030 Grout Pump, 15~30 ltr/min — Operation Hour per Operated Day= 0.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
M01005	Diesel Oil	ltr	0.00	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	0.00	0.00	0.00	0.00	0.00	
Q0710-030	Grout Pump, 15~30 ltr/min	day	1.00	0.0%	0.0%	100.0%	52.7%	47.3%	697.00	0.00	0.00	697.00	367.24	329.76	697.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	0.00	697.00	367.24	329.76	697.00	
	Unit Rate									0.00	0.00	697.00	367.24	697.00	697.00	
	Components									0.0%	0.0%	100.0%	52.7%	47.3%	100.0%	

Q0710-100 Grout Pump, 37~100 ltr/min — Operation Hour per Operated Day= 1.50 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
M01005	Diesel Oil	ltr	2.55	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	30.86	0.00	20.06	10.80	30.86	
Q0710-100	Grout Pump, 37~100 ltr/min	day	1.00	0.0%	0.0%	100.0%	52.8%	47.2%	1,370.00	0.00	0.00	1370.00	723.24	646.76	1,370.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	30.86	1370.00	743.30	657.56	1,400.86	
	Unit Rate									0.00	30.84	1369.16	742.94	1400.00	1,400.00	
	Components									0.0%	2.2%	97.8%	53.1%	46.9%	100.0%	

Q0711-120 Grout Mixer, 1x200 ltr — Operation Hour per Operated Day= 0.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
M01005	Diesel Oil	ltr	0.00	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	0.00	0.00	0.00	0.00	0.00	
Q0711-120	Grout Mixer, 1x200 ltr	day	1.00	0.0%	0.0%	100.0%	52.8%	47.2%	528.00	0.00	0.00	528.00	278.74	249.26	528.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	0.00	528.00	278.74	249.26	528.00	
	Unit Rate									0.00	0.00	528.00	278.74	528.00	528.00	
	Components									0.0%	0.0%	100.0%	52.8%	47.2%	100.0%	

Q0711-220 Grout Mixer, 2x200 ltr — Operation Hour per Operated Day= 1.50 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
M01005	Diesel Oil	ltr	0.60	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	7.26	0.00	4.72	2.54	7.26	
Q0711-220	Grout Mixer, 2x200 ltr	day	1.00	0.0%	0.0%	100.0%	52.8%	47.2%	600.00	0.00	0.00	600.00	316.75	283.25	600.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	7.26	600.00	321.47	285.79	607.26	
	Unit Rate									0.00	7.26	599.74	321.33	607.00	607.00	
	Components									0.0%	1.2%	98.8%	52.9%	47.1%	100.0%	

Q0711-240 Grout Mixer, 2x400 ltr — Operation Hour per Operated Day= 0.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
M01005	Diesel Oil	ltr	0.00	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	0.00	0.00	0.00	0.00	0.00	
Q0711-240	Grout Mixer, 2x400 ltr	day	1.00	0.0%	0.0%	100.0%	52.8%	47.2%	982.00	0.00	0.00	982.00	518.41	463.59	982.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	0.00	982.00	518.41	463.59	982.00	
	Unit Rate									0.00	0.00	982.00	518.41	982.00	982.00	
	Components									0.0%	0.0%	100.0%	52.8%	47.2%	100.0%	

Q0712-012 Mortar Gun, wet, 0.8~1.2m3/hr — Operation Hour per Operated Day= 6.42 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
M01005	Diesel Oil	ltr	3.50	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	42.35	0.00	27.53	14.82	42.35	
Q0712-012	Mortar Gun, wet, 0.8~1.2m3/hr	hr	1.00	0.0%	0.0%	100.0%	57.1%	42.9%	894.00	0.00	0.00	894.00	510.25	383.75	894.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	42.35	894.00	537.77	398.58	936.35	
	Unit Rate									0.00	42.33	893.67	537.57	936.00	936.00	
	Components									0.0%	4.5%	95.5%	57.4%	42.6%	100.0%	

Q0713-060 Concrete Gun, 6m3/hr — Operation Hour per Operated Day= 6.75 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
M01009	Electric Supply	kWh	10.30	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	41.20	0.00	20.60	20.60	41.20	
Q0713-060	Concrete Gun, 6m3/hr	hr	1.00	0.0%	0.0%	100.0%	57.1%	42.9%	790.00	0.00	0.00	790.00	450.89	339.11	790.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	41.20	790.00	471.49	359.71	831.20	
	Unit Rate									0.00	41.19	789.81	471.38	831.00	831.00	
	Components									0.0%	5.0%	95.0%	56.7%	43.3%	100.0%	

Q0713-300 Mortar Plant, 2x500 ltr, 281~300 ltr/min — Operation Hour per Operated Day= 1.80 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
M01009	Electric Supply	kWh	22.32	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	89.28	0.00	44.64	44.64	89.28	
Q0713-300	Mortar Plant, 2x500 ltr, 281~300 ltr/min	day	1.00	0.0%	0.0%	100.0%	52.8%	47.2%	10,200.00	0.00	0.00	10200.00	5384.68	4815.32	10,200.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	89.28	10200.00	5429.32	4859.96	10,289.28	
	Unit Rate									0.00	89.37	10210.63	5434.98	10300.00	10,300.00	
	Components									0.0%	0.9%	99.1%	52.8%	47.2%	100.0%	

Q0715-126 Jet Heater 126MJ/h — Operation Hour per Operated Day= 9.50 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
M01005	Diesel Oil	ltr	0.00	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	0.00	0.00	0.00	0.00	0.00	
Q0715-126	Jet Heater 126MJ/h	hr	1.00	0.0%	0.0%	100.0%	56.2%	43.8%	10.00	0.00	0.00	10.00	5.62	4.38	10.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	0.00	10.00	5.62	4.38	10.00	
	Unit Rate									0.00	0.00	10.00	5.62	10.00	10.00	
	Components									0.0%	0.0%	100.0%	56.2%	43.8%	100.0%	

Q0716-060 Jaw Crusher 600x900 — Operation Hour per Operated Day= 6.92 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
M01009	Electric Supply	kWh	37.10	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	148.40	0.00	74.20	74.20	148.40	
Q0716-060	Jaw Crusher 600x900	hr	1.00	0.0%	0.0%	100.0%	60.5%	39.5%	247.00	0.00	0.00	247.00	149.32	97.68	247.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	148.40	247.00	223.52	171.88	395.40	
	Unit Rate									0.00	148.25	246.75	223.29	395.00	395.00	
	Components									0.0%	37.5%	62.5%	56.5%	43.5%	100.0%	

Q0717-090 Vibration Sieve 900x1800 — Operation Hour per Operated Day= 6.83 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
M01009	Electric Supply	kWh	1.80	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	7.20	0.00	3.60	3.60	7.20	
Q0717-090	Vibration Sieve 900x1800	hr	1.00	0.0%	0.0%	100.0%	59.5%	40.5%	54.40	0.00	0.00	54.40	32.38	22.02	54.40	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	7.20	54.40	35.98	25.62	61.60	
	Unit Rate									0.00	7.20	54.40	35.98	61.60	61.60	
	Components									0.0%	11.7%	88.3%	58.4%	41.6%	100.0%	

Q0802-028 Asphalt Finisher, crawler, 1.6~2.8m — Operation Hour per Operated Day= 5.50 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	4.50	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	54.45	0.00	35.39	19.06	54.45	
Q0802-028	Asphalt Finisher, crawler, 1.6~2.8m	hr	1.00	0.0%	0.0%	100.0%	53.8%	46.2%	2,080.00	0.00	0.00	2080.00	1118.70	961.30	2,080.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	54.45	2080.00	1154.09	1056.14	2,210.23	
	Unit Rate									75.77	54.44	2079.78	1153.97	2134.23	2,210.00	
	Components									3.4%	2.5%	94.1%	52.2%	47.8%	100.0%	

Q0802-050 Asphalt Finisher, crawler, 2.4~5.0m — Operation Hour per Operated Day= 5.50 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	5.40	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	65.34	0.00	42.47	22.87	65.34	
Q0802-050	Asphalt Finisher, crawler, 2.4~5.0m	hr	1.00	0.0%	0.0%	100.0%	53.8%	46.2%	5,460.00	0.00	0.00	5460.00	2936.59	2523.41	5,460.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	65.34	5460.00	2979.06	2622.06	5,601.12	
	Unit Rate									75.76	65.33	5458.91	2978.47	5524.24	5,600.00	
	Components									1.4%	1.2%	97.5%	53.2%	46.8%	100.0%	

Q0802-120 Asphalt Finisher, crawler, 3~12m — Operation Hour per Operated Day= 5.50 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	20.30	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	245.63	0.00	159.66	85.97	245.63	
Q0802-120	Asphalt Finisher, crawler, 3~12m	hr	1.00	0.0%	0.0%	100.0%	53.8%	46.2%	12,600.00	0.00	0.00	12600.00	6776.75	5823.25	12,600.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	245.63	12600.00	6936.41	5995.00	12,921.41	
	Unit Rate									75.65	245.22	12579.12	6924.92	12824.35	12,900.00	
	Components									0.6%	1.9%	97.5%	53.7%	46.3%	100.0%	

Q0803-045 Asphalt Finisher, wheel, 2.4~4.5m — Operation Hour per Operated Day= 5.50 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	5.90	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	71.39	0.00	46.40	24.99	71.39	
Q0803-045	Asphalt Finisher, wheel, 2.4~4.5m	hr	1.00	0.0%	0.0%	100.0%	53.8%	46.2%	4,560.00	0.00	0.00	4560.00	2452.54	2107.46	4,560.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	71.39	4560.00	2498.94	2208.23	4,707.17	
	Unit Rate									75.83	71.43	4562.74	2500.43	4634.17	4,710.00	
	Components									1.6%	1.5%	96.9%	53.1%	46.9%	100.0%	

Q0804-400 Asphalt Distributor, 4000 ltr — Operation Hour per Operated Day= 4.30 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L004	Driver	md	1.00	100.0%	0.0%	0.0%	0.0%	100.0%	368.00	368.00	0.00	0.00	0.00	368.00	368.00	
M01005	Diesel Oil	ltr	49.88	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	603.55	0.00	392.31	211.24	603.55	
Q0804-400	Asphalt Distributor, 4000 ltr	day	1.00	0.0%	0.0%	100.0%	53.8%	46.2%	6,600.00	0.00	0.00	6600.00	3548.32	3051.68	6,600.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									368.00	603.55	6,600.00	3,940.62	3,630.93	7,571.55	
	Unit Rate									367.92	603.43	6598.65	3939.82	7202.08	7,570.00	
	Components									4.9%	8.0%	87.2%	52.0%	48.0%	100.0%	

Q0805-200 Asphalt Engine Sprayer, 200 ltr — Operation Hour per Operated Day= 4.30 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Labor	Unit Cost Mat.	Unit Cost Equip.	Unit Cost Foreign	Unit Cost Local	Total (PP)	Amount Labor	Amount Mat.	Amount Equip.	Amount Foreign	Amount Local	Total (PP)	Remarks
				Component (%)						Component (PP)						
L003	Operator	md	1.00	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	421.00	0.00	0.00	0.00	421.00	421.00	
M01006	Gasoline	ltr	0.00	0.0%	100.0%	0.0%	65.0%	35.0%	14.20	0.00	0.00	0.00	0.00	0.00	0.00	
Q0805-200	Asphalt Engine Sprayer, 200 ltr	day	1.00	0.0%	0.0%	100.0%	65.4%	34.6%	404.00	0.00	0.00	404.00	264.27	139.73	404.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									421.00	0.00	404.00	264.27	560.73	825.00	
	Unit Rate									421.00	0.00	404.00	264.27	404.00	825.00	
	Components									51.0%	0.0%	49.0%	32.0%	68.0%	100.0%	

Q0806-045 Asphalt Curber, 4~4.5m3/h — Operation Hour per Operated Day= 5.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L019	Skilled Labor	md	1.00	100.0%	0.0%	0.0%	0.0%	100.0%	403.00	403.00	0.00	0.00	0.00	403.00	403.00	
M01006	Gasoline	ltr	7.50	0.0%	100.0%	0.0%	65.0%	35.0%	14.20	0.00	106.50	0.00	69.23	37.28	106.50	
Q0806-045	Asphalt Curber, 4~4.5m3/h	day	1.00	0.0%	0.0%	100.0%	58.8%	41.2%	1,700.00	0.00	0.00	1700.00	999.46	700.54	1,700.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									403.00	106.50	1700.00	1068.69	1140.81	2,209.50	
	Unit Rate									403.09	106.52	1700.38	1068.93	1806.91	2,210.00	
	Components									18.2%	4.8%	76.9%	48.4%	51.6%	100.0%	

Q0807-020 Road Cutter, wheel, 2.0m — Operation Hour per Operated Day= 5.43 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.18	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	75.78	0.00	0.00	0.00	75.78	75.78	
M01005	Diesel Oil	ltr	39.60	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	479.16	0.00	311.45	167.71	479.16	
Q0807-020	Road Cutter, wheel, 2.0m	hr	1.00	0.0%	0.0%	100.0%	53.6%	46.4%	10,400.00	0.00	0.00	10400.00	5578.93	4821.07	10,400.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									75.78	479.16	10400.00	5890.38	5064.56	10,954.94	
	Unit Rate									76.09	481.13	10442.78	5914.61	10923.91	11,000.00	
	Components									0.7%	4.4%	94.9%	53.8%	46.2%	100.0%	

Q0809-023 Road Surface Heater — Operation Hour per Operated Day= 6.57 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
L003	Operator	md	0.15	100.0%	0.0%	0.0%	0.0%	100.0%	421.00	63.15	0.00	0.00	0.00	63.15	63.15	
M01005	Diesel Oil	ltr	7.50	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	90.75	0.00	58.99	31.76	90.75	
Q0809-023	Road Surface Heater	hr	1.00	0.0%	0.0%	100.0%	55.9%	44.1%	9,440.00	0.00	0.00	9440.00	5275.33	4164.67	9,440.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									63.15	90.75	9440.00	5334.32	4259.58	9,593.90	
	Unit Rate									63.12	90.71	9436.16	5332.15	9526.88	9,590.00	
	Components									0.7%	0.9%	98.4%	55.6%	44.4%	100.0%	

Q0901-025 Electric Welder, 250A — Operation Hour per Operated Day= 3.30 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	0.00	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	0.00	0.00	0.00	0.00	0.00	
Q0901-025	Electric Welder, 250A	day	1.00	0.0%	0.0%	100.0%	53.2%	46.8%	97.80	0.00	0.00	97.80	52.05	45.75	97.80	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	0.00	97.80	52.05	45.75	97.80	
	Unit Rate									0.00	0.00	97.80	52.05	45.75	97.80	
	Components									0.0%	0.0%	100.0%	53.2%	46.8%	100.0%	

Q0901-050 Electric Welder, 500A — Operation Hour per Operated Day= 0.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	0.00	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	0.00	0.00	0.00	0.00	0.00	
Q0901-050	Electric Welder, 500A	day	1.00	0.0%	0.0%	100.0%	53.2%	46.8%	189.00	0.00	0.00	189.00	100.59	88.41	189.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	0.00	189.00	100.59	88.41	189.00	
	Unit Rate									0.00	0.00	189.00	100.59	189.00	189.00	
	Components									0.0%	0.0%	100.0%	53.2%	46.8%	100.0%	

Q1001-010 Generator, 10kVA — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	6.60	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	79.86	0.00	51.91	27.95	79.86	
Q1001-010	Generator, 10kVA	day	1.00	0.0%	0.0%	100.0%	59.9%	40.1%	835.00	0.00	0.00	835.00	500.09	334.91	835.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	79.86	835.00	552.00	362.86	914.86	
	Unit Rate									0.00	79.87	835.13	552.08	915.00	915.00	
	Components									0.0%	8.7%	91.3%	60.3%	39.7%	100.0%	

Q1001-015 Generator, 15kVA — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	8.70	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	105.27	0.00	68.43	36.84	105.27	
Q1001-015	Generator, 15kVA	day	1.00	0.0%	0.0%	100.0%	59.9%	40.1%	1,050.00	0.00	0.00	1050.00	628.86	421.14	1,050.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	105.27	1050.00	697.28	457.99	1,155.27	
	Unit Rate									0.00	105.70	1054.30	700.14	1160.00	1,160.00	
	Components									0.0%	9.1%	90.9%	60.4%	39.6%	100.0%	

Q1001-020 Generator, 20kVA — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	9.90	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	119.79	0.00	77.86	41.93	119.79	
Q1001-020	Generator, 20kVA	day	1.00	0.0%	0.0%	100.0%	59.9%	40.1%	1,250.00	0.00	0.00	1250.00	748.64	501.36	1,250.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	119.79	1250.00	826.50	543.29	1,369.79	
	Unit Rate									0.00	119.81	1250.19	826.63	1370.00	1,370.00	
	Components									0.0%	8.7%	91.3%	60.3%	39.7%	100.0%	

Q1001-035 Generator, 35kVA — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	17.10	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	206.91	0.00	134.49	72.42	206.91	
Q1001-035	Generator, 35kVA	day	1.00	0.0%	0.0%	100.0%	59.9%	40.1%	1,460.00	0.00	0.00	1460.00	874.41	585.59	1,460.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	206.91	1460.00	1008.90	658.01	1,666.91	
	Unit Rate									0.00	207.29	1462.71	1010.77	1670.00	1,670.00	
	Components									0.0%	12.4%	87.6%	60.5%	39.5%	100.0%	

Q1001-045 Generator, 45kVA — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	21.90	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	264.99	0.00	172.24	92.75	264.99	
Q1001-045	Generator, 45kVA	day	1.00	0.0%	0.0%	100.0%	59.9%	40.1%	1,620.00	0.00	0.00	1620.00	970.24	649.76	1,620.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	264.99	1620.00	1142.48	742.51	1,884.99	
	Unit Rate									0.00	264.29	1615.71	1139.45	1880.00	1,880.00	
	Components									0.0%	14.1%	85.9%	60.6%	39.4%	100.0%	

Q1001-060 Generator, 60kVA — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	29.70	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	359.37	0.00	233.59	125.78	359.37	
Q1001-060	Generator, 60kVA	day	1.00	0.0%	0.0%	100.0%	59.9%	40.1%	2,050.00	0.00	0.00	2050.00	1227.77	822.23	2,050.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	359.37	2050.00	1461.36	948.01	2,409.37	
	Unit Rate									0.00	359.46	2050.54	1461.74	2410.00	2,410.00	
	Components									0.0%	14.9%	85.1%	60.7%	39.3%	100.0%	

Q1001-075 Generator, 75kVA — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	35.70	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	431.97	0.00	280.78	151.19	431.97	
Q1001-075	Generator, 75kVA	day	1.00	0.0%	0.0%	100.0%	59.9%	40.1%	2,650.00	0.00	0.00	2650.00	1587.11	1062.89	2,650.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	431.97	2650.00	1867.89	1214.08	3,081.97	
	Unit Rate									0.00	431.69	2648.31	1866.70	3080.00	3,080.00	
	Components									0.0%	14.0%	86.0%	60.6%	39.4%	100.0%	

Q1001-100 Generator, 100kVA — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	47.70	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	577.17	0.00	375.16	202.01	577.17	
Q1001-100	Generator, 100kVA	day	1.00	0.0%	0.0%	100.0%	59.9%	40.1%	2,690.00	0.00	0.00	2690.00	1611.07	1078.93	2,690.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	577.17	2690.00	1986.23	1280.94	3,267.17	
	Unit Rate									0.00	577.67	2692.33	1987.95	3270.00	3,270.00	
	Components									0.0%	17.7%	82.3%	60.8%	39.2%	100.0%	

Q1001-125 Generator, 125kVA — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	60.60	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	733.26	0.00	476.62	256.64	733.26	
Q1001-125	Generator, 125kVA	day	1.00	0.0%	0.0%	100.0%	59.9%	40.1%	3,400.00	0.00	0.00	3400.00	2036.30	1363.70	3,400.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	733.26	3400.00	2512.92	1620.34	4,133.26	
	Unit Rate									0.00	732.68	3397.32	2510.93	4130.00	4,130.00	
	Components									0.0%	17.7%	82.3%	60.8%	39.2%	100.0%	

Q1001-150 Generator, 150kVA — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	*Diesel Oil*	ltr	69.60	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	842.16	0.00	547.40	294.76	842.16	
Q1001-150	Generator, 150kVA	day	1.00	0.0%	0.0%	100.0%	59.9%	40.1%	3,970.00	0.00	0.00	3970.00	2377.68	1592.32	3,970.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	842.16	3970.00	2925.08	1887.08	4,812.16	
	Unit Rate									0.00	841.78	3968.22	2923.77	4810.00	4,810.00	
	Components									0.0%	17.5%	82.5%	60.8%	39.2%	100.0%	

Q1001-200 Generator, 200kVA — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	101.10	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	1223.31	0.00	795.15	428.16	1,223.31	
Q1001-200	Generator, 200kVA	day	1.00	0.0%	0.0%	100.0%	59.9%	40.1%	5,310.00	0.00	0.00	5310.00	3180.22	2129.78	5,310.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	1223.31	5310.00	3975.37	2557.94	6,533.31	
	Unit Rate									0.00	1222.69	5307.31	3973.35	6530.00	6,530.00	
	Components									0.0%	18.7%	81.3%	60.8%	39.2%	100.0%	

Q1001-300 Generator, 300kVA — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	128.70	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	1557.27	0.00	1012.23	545.04	1,557.27	
Q1001-300	Generator, 300kVA	day	1.00	0.0%	0.0%	100.0%	59.9%	40.1%	8,160.00	0.00	0.00	8160.00	4887.11	3272.89	8,160.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	1557.27	8160.00	5899.34	3817.93	9,717.27	
	Unit Rate									0.00	1557.71	8162.29	5901.00	9720.00	9,720.00	
	Components									0.0%	16.0%	84.0%	60.7%	39.3%	100.0%	

Q1001-350 Generator, 350kVA — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	171.90	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	2079.99	0.00	1351.99	728.00	2,079.99	
Q1001-350	Generator, 350kVA	day	1.00	0.0%	0.0%	100.0%	59.9%	40.1%	8,790.00	0.00	0.00	8790.00	5264.43	3525.57	8,790.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	2079.99	8790.00	6616.42	4253.57	10,869.99	
	Unit Rate									0.00	2085.73	8814.27	6634.69	10900.00	10,900.00	
	Components									0.0%	19.1%	80.9%	60.9%	39.1%	100.0%	

Q1002-037 Air Compressor, 3.5~3.7m3/min — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	16.50	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	199.65	0.00	129.77	69.88	199.65	
Q1002-037	Air Compressor, 3.5~3.7m3/min	day	1.00	0.0%	0.0%	100.0%	58.3%	41.7%	1,510.00	0.00	0.00	1510.00	880.01	629.99	1,510.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	199.65	1510.00	1009.79	699.86	1,709.65	
	Unit Rate									0.00	199.69	1510.31	1009.99	1710.00	1,710.00	
	Components									0.0%	11.7%	88.3%	59.1%	40.9%	100.0%	

Q1002-050 Air Compressor, 5.0m3/min — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	24.60	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	297.66	0.00	193.48	104.18	297.66	
Q1002-050	Air Compressor, 5.0m3/min	day	1.00	0.0%	0.0%	100.0%	58.3%	41.7%	2,150.00	0.00	0.00	2150.00	1253.00	897.00	2,150.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	297.66	2150.00	1446.48	1001.18	2,447.66	
	Unit Rate									0.00	297.94	2152.06	1447.86	2450.00	2,450.00	
	Components									0.0%	12.2%	87.8%	59.1%	40.9%	100.0%	

Q1002-076 Air Compressor, 7.5m3/min — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	37.20	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	450.12	0.00	292.58	157.54	450.12	
Q1002-076	Air Compressor, 7.5m3/min	day	1.00	0.0%	0.0%	100.0%	58.3%	41.7%	3,180.00	0.00	0.00	3180.00	1853.27	1326.73	3,180.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
	Total									0.00	450.12	3180.00	2145.85	1484.27	3,630.12	
	Unit Rate									0.00	450.11	3179.89	2145.78	3630.00	3,630.00	
	Components									0.0%	12.4%	87.6%	59.1%	40.9%	100.0%	

Q1002-110 Air Compressor, 10.5~11.0m3/min — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	49.50	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	598.95	0.00	389.32	209.63	598.95	
Q1002-110	Air Compressor, 10.5~11.0m3/min	day	1.00	0.0%	0.0%	100.0%	58.3%	41.7%	4,960.00	0.00	0.00	4960.00	2890.64	2069.36	4,960.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Total										0.00	598.95	4960.00	3279.96	2278.99	5,558.95	
Unit Rate										0.00	599.06	4960.94	3280.58	5560.00	5,560.00	
Components										0.0%	10.8%	89.2%	59.0%	41.0%	100.0%	

Q1002-170 Air Compressor, 17m3/min — Operation Hour per Operated Day= 3.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	72.90	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	882.09	0.00	573.36	308.73	882.09	
Q1002-170	Air Compressor, 17m3/min	day	1.00	0.0%	0.0%	100.0%	58.3%	41.7%	5,610.00	0.00	0.00	5610.00	3269.45	2340.55	5,610.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Total										0.00	882.09	5610.00	3842.81	2649.28	6,492.09	
Unit Rate										0.00	881.81	5608.19	3841.58	6490.00	6,490.00	
Components										0.0%	13.6%	86.4%	59.2%	40.8%	100.0%	

Q1003-100 Blower, 100m3, 1.1 kg/cm2 — Operation Hour per Operated Day= 16.07 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01005	Diesel Oil	ltr	38.20	0.0%	100.0%	0.0%	65.0%	35.0%	12.10	0.00	462.22	0.00	300.44	161.78	462.22	
Q1003-100	Blower, 100m3, 1.1 kg/cm2	hr	1.00	0.0%	0.0%	100.0%	58.8%	41.2%	1,000.00	0.00	0.00	1000.00	587.72	412.28	1,000.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Total										0.00	462.22	1000.00	888.16	574.06	1,462.22	
Unit Rate										0.00	461.52	998.48	886.81	1460.00	1,460.00	
Components										0.0%	31.6%	68.4%	60.7%	39.3%	100.0%	

Q1004-051 Water Pump, φ50mm, 0.8kW — Operation Hour per Operated Day= 5.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01009	Electric Supply	kWh	2.50	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	10.00	0.00	5.00	5.00	10.00	
Q1004-051	Water Pump, φ50mm, 0.8kW	day	1.00	0.0%	0.0%	100.0%	56.1%	43.9%	75.70	0.00	0.00	75.70	42.47	33.23	75.70	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Total										0.00	10.00	75.70	47.47	38.23	85.70	
Unit Rate										0.00	10.00	75.70	47.47	85.70	85.70	
Components										0.0%	11.7%	88.3%	55.4%	44.6%	100.0%	

Q1005-101 Submerged Pump, φ100mm, 3.7kW — Operation Hour per Operated Day= 8.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01009	Electric Supply	kWh	17.60	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	70.40	0.00	35.20	35.20	70.40	
Q1005-101	Submerged Pump, φ100mm, 3.7kW	day	1.00	0.0%	0.0%	100.0%	56.1%	43.9%	247.00	0.00	0.00	247.00	138.58	108.42	247.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Total										0.00	70.40	247.00	173.78	143.62	317.40	
Unit Rate										0.00	70.31	246.69	173.56	317.00	317.00	
Components										0.0%	22.2%	77.8%	54.6%	45.2%	100.0%	

Q1005-102 Submerged Pump, φ100mm, 5.5kW — Operation Hour per Operated Day= 8.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01009	Electric Supply	kWh	25.60	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	102.40	0.00	51.20	51.20	102.40	
Q1005-102	Submerged Pump, φ100mm, 5.5kW	day	1.00	0.0%	0.0%	100.0%	56.1%	43.9%	310.00	0.00	0.00	310.00	173.93	136.07	310.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Total										0.00	102.40	310.00	225.13	187.27	412.40	
Unit Rate										0.00	102.30	309.70	224.91	412.00	412.00	
Components										0.0%	24.8%	75.2%	54.6%	45.4%	100.0%	

Q1005-151 Submerged Pump, φ150mm, 7.5kW — Operation Hour per Operated Day= 8.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01009	Electric Supply	kWh	35.20	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	140.80	0.00	70.40	70.40	140.80	
Q1005-151	Submerged Pump, φ150mm, 7.5kW	day	1.00	0.0%	0.0%	100.0%	56.1%	43.9%	325.00	0.00	0.00	325.00	182.34	142.66	325.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Total										0.00	140.80	325.00	252.74	213.06	465.80	
Unit Rate										0.00	140.86	325.14	252.85	466.00	466.00	
Components										0.0%	30.2%	69.8%	54.3%	45.7%	100.0%	

Q1005-152 Submerged Pump, φ150mm, 11.0kW — Operation Hour per Operated Day= 8.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01009	Electric Supply	kWh	51.20	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	204.80	0.00	102.40	102.40	204.80	
Q1005-152	Submerged Pump, φ150mm, 11.0kW	day	1.00	0.0%	0.0%	100.0%	56.1%	43.9%	451.00	0.00	0.00	451.00	253.04	197.96	451.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Total										0.00	204.80	451.00	355.44	300.36	655.80	
Unit Rate										0.00	204.86	451.14	355.55	656.00	656.00	
Components										0.0%	31.2%	68.8%	54.2%	45.8%	100.0%	

Q1005-201 Submerged Pump, φ200mm, 11.0kW — Operation Hour per Operated Day= 8.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01009	Electric Supply	kWh	51.20	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	204.80	0.00	102.40	102.40	204.80	
Q1005-201	Submerged Pump, φ200mm, 11.0kW	day	1.00	0.0%	0.0%	100.0%	56.1%	43.9%	496.00	0.00	0.00	496.00	278.29	217.71	496.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Total										0.00	204.80	496.00	380.69	320.11	700.80	
Unit Rate										0.00	204.86	496.14	380.79	701.00	701.00	
Components										0.0%	29.2%	70.8%	54.3%	45.7%	100.0%	

Q1005-202 Submerged Pump, φ200mm, 15.0kW — Operation Hour per Operated Day= 8.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01009	Electric Supply	kWh	70.40	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	281.60	0.00	140.80	140.80	281.60	
Q1005-202	Submerged Pump, φ200mm, 15.0kW	day	1.00	0.0%	0.0%	100.0%	56.1%	43.9%	751.00	0.00	0.00	751.00	421.36	329.64	751.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Total										0.00	281.60	751.00	562.16	470.44	1,032.60	
Unit Rate										0.00	280.89	749.11	560.74	1030.00	1,030.00	
Components										0.0%	27.3%	72.7%	54.4%	45.6%	100.0%	

Q1006-101 Sand Pump, φ100mm, 5.5kW — Operation Hour per Operated Day= 0.00 hr/day — Unit 1.0 day

Item No.	Description	Unit	Quantity	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Total (PP)	Remarks
M01009	Electric Supply	kWh	0.00	0.0%	100.0%	0.0%	50.0%	50.0%	4.00	0.00	0.00	0.00	0.00	0.00	0.00	
Q1006-101	Sand Pump, φ100mm, 5.5kW	day	1.00	0.0%	0.0%	100.0%	55.9%	44.1%	294.00	0.00	0.00	294.00	164.40	129.60	294.00	
Q9999	Miscellaneous	Lot	1.00							0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Total										0.00	0.00	294.00	164.40	129.60	294.00	
Unit Rate										0.00	0.00	294.00	164.40	294.00	294.00	
Components										0.0%	0.0%	100.0%	55.9%	44.1%	100.0%	

Q1101-031 Road Washer, brush, 2~3.1m3 — Operation Hour per Operated Day= 7.60 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L003	Operator	md	0.13	421.00	100.0%	0.0%	0.0%	0.0%	100.0%	54.73	54.73	0.00	0.00	0.00	54.73	
M01005	Diesel Oil	ltr	9.50	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	114.95	0.00	114.95	0.00	74.72	40.23	
Q1101-031	Road Washer, brush, 2~3.1m3	hr	1.00	2,330.00	0.0%	0.0%	100.0%	58.3%	41.7%	2,330.00	0.00	0.00	2330.00	1357.92	972.08	
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										54.73	114.95	2330.00	1432.64	1067.04	2,499.68
	Unit Rate										54.73	114.96	2330.30	1432.82	2445.26	2,500.00
	Components										2.2%	4.6%	93.2%	57.3%	42.7%	100.0%

Q1101-045 Road Washer, Vacuum, 4.5m3 — Operation Hour per Operated Day= 7.60 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L003	Operator	md	0.13	421.00	100.0%	0.0%	0.0%	0.0%	100.0%	54.73	54.73	0.00	0.00	0.00	54.73	
M01005	Diesel Oil	ltr	7.70	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	93.17	0.00	93.17	0.00	60.56	32.61	
Q1101-045	Road Washer, Vacuum, 4.5m3	hr	1.00	2,130.00	0.0%	0.0%	100.0%	58.3%	41.7%	2,130.00	0.00	0.00	2130.00	1241.36	888.64	
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										54.73	93.17	2130.00	1301.92	975.98	2,277.90
	Unit Rate										54.78	93.26	2131.96	1303.12	2225.22	2,280.00
	Components										2.4%	4.1%	93.5%	57.2%	42.8%	100.0%

Q1101-055 Road Washer, Vacuum, 5.5m3 — Operation Hour per Operated Day= 7.60 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L003	Operator	md	0.13	421.00	100.0%	0.0%	0.0%	0.0%	100.0%	54.73	54.73	0.00	0.00	0.00	54.73	
M01005	Diesel Oil	ltr	8.30	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	100.43	0.00	100.43	0.00	65.28	35.15	
Q1101-055	Road Washer, Vacuum, 5.5m3	hr	1.00	3,200.00	0.0%	0.0%	100.0%	58.3%	41.7%	3,200.00	0.00	0.00	3200.00	1864.95	1335.05	3,200.00
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										54.73	100.43	3200.00	1930.23	1424.93	3,355.16
	Unit Rate										54.81	100.57	3204.62	1933.02	3205.19	3,360.00
	Components										1.6%	3.0%	95.4%	57.5%	42.5%	100.0%

Q1102-125 Guardrail Washer — Operation Hour per Operated Day= 5.33 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L004	Driver	md	0.19	368.00	100.0%	0.0%	0.0%	0.0%	100.0%	69.92	69.92	0.00	0.00	0.00	69.92	
M01005	Diesel Oil	ltr	6.00	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	72.60	0.00	72.60	0.00	47.19	25.41	
Q1102-125	Guardrail Washer	hr	1.00	1,750.00	0.0%	0.0%	100.0%	56.5%	43.5%	1,750.00	0.00	0.00	1750.00	988.15	761.85	1,750.00
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										69.92	72.60	1750.00	1035.34	857.18	1,892.52
	Unit Rate										69.83	72.50	1747.87	1033.97	1820.17	1,890.00
	Components										3.7%	3.8%	92.5%	54.7%	45.3%	100.0%

Q1103-380 Water Sprinkle Vehicle, 3800 ltr — Operation Hour per Operated Day= 4.80 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L004	Driver	md	0.21	368.00	100.0%	0.0%	0.0%	0.0%	100.0%	77.28	77.28	0.00	0.00	0.00	77.28	
M01005	Diesel Oil	ltr	4.80	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	58.08	0.00	58.08	0.00	37.75	20.33	
Q1103-380	Water Sprinkle Vehicle, 3800 ltr	hr	1.00	691.00	0.0%	0.0%	100.0%	55.8%	44.2%	691.00	0.00	0.00	691.00	385.27	305.73	691.00
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										77.28	58.08	691.00	423.02	403.34	826.36
	Unit Rate										77.25	58.05	690.70	422.83	748.75	826.00
	Components										9.4%	7.0%	83.6%	51.2%	48.8%	100.0%

Q1103-650 Water Sprinkle Vehicle, 5500~6500 ltr — Operation Hour per Operated Day= 4.80 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L004	Driver	md	0.21	368.00	100.0%	0.0%	0.0%	0.0%	100.0%	77.28	77.28	0.00	0.00	0.00	77.28	
M01005	Diesel Oil	ltr	5.40	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	65.34	0.00	65.34	0.00	42.47	22.87	
Q1103-650	Water Sprinkle Vehicle, 5500~6500 ltr	hr	1.00	916.00	0.0%	0.0%	100.0%	55.8%	44.2%	916.00	0.00	0.00	916.00	510.71	405.29	916.00
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										77.28	65.34	916.00	553.18	505.44	1,058.62
	Unit Rate										77.38	65.43	917.19	553.91	982.62	1,060.00
	Components										7.3%	6.2%	86.5%	52.3%	47.7%	100.0%

Q1104-600 Guardrail Post Piler, 400~600kg — Operation Hour per Operated Day= 6.38 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
L004	Driver	md	0.16	368.00	100.0%	0.0%	0.0%	0.0%	100.0%	58.88	58.88	0.00	0.00	0.00	58.88	
M01005	Diesel Oil	ltr	1.50	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	18.15	0.00	18.15	0.00	11.80	6.35	
Q1104-600	Guardrail Post Piler, 400~600kg	hr	1.00	1,430.00	0.0%	0.0%	100.0%	57.2%	42.8%	1,430.00	0.00	0.00	1430.00	818.49	611.51	1,430.00
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										58.88	18.15	1430.00	830.29	676.74	1,507.03
	Unit Rate										59.00	18.19	1432.82	831.93	1451.00	1,510.00
	Components										3.9%	1.2%	94.9%	55.1%	44.9%	100.0%

Q1106-015 Line Marker (Solution Type, Hand Guide) 15cm — Operation Hour per Operated Day= 5.70 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
M01005	Diesel Oil	ltr	0.00	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	0.00	0.00	0.00	0.00	0.00	0.00	
Q1106-015	Line Marker (Solution Type, Hand Guide) 15cm	hr	1.00	65.40	0.0%	0.0%	100.0%	60.5%	39.5%	65.40	0.00	0.00	65.40	39.54	25.86	65.40
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										0.00	0.00	65.40	39.54	25.86	65.40
	Unit Rate										0.00	0.00	65.40	39.54	65.40	65.40
	Components										0.0%	0.0%	100.0%	60.5%	39.5%	100.0%

Q1106-030 Line Marker (Solution Type, Hand Guide) 30, 45cm — Operation Hour per Operated Day= 5.70 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
M01005	Diesel Oil	ltr	0.00	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	0.00	0.00	0.00	0.00	0.00	0.00	
Q1106-030	Line Marker (Solution Type, Hand Guide) 30, 45cm	hr	1.00	40.90	0.0%	0.0%	100.0%	60.5%	39.5%	40.90	0.00	0.00	40.90	24.73	16.17	40.90
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										0.00	0.00	40.90	24.73	16.17	40.90
	Unit Rate										0.00	0.00	40.90	24.73	40.90	40.90
	Components										0.0%	0.0%	100.0%	60.5%	39.5%	100.0%

Q1107-015 Line Marker (Paint Type, Hand Guide) 15cm — Operation Hour per Operated Day= 6.00 hr/day — Unit 1.0 hr

Item No.	Description	Unit	Quantity	Unit Cost Total (PP)	Unit Cost Component (%) Labor	Mat.	Equip.	Foreign	Local	Amount Total (PP)	Amount Component (PP) Labor	Mat.	Equip.	Foreign	Local	Remarks
M01005	Diesel Oil	ltr	4.10	12.10	0.0%	100.0%	0.0%	65.0%	35.0%	49.61	0.00	49.61	0.00	32.25	17.36	
Q1107-015	Line Marker (Paint Type, Hand Guide) 15cm	hr	1.00	1,650.00	0.0%	0.0%	100.0%	58.3%	41.7%	1,650.00	0.00	0.00	1650.00	961.62	688.38	1,650.00
Q9999	Miscellaneous	Lot	1.00								0.00	0.00	0.00	0.00	0.00	0.00 0.0%
	Total										0.00	49.61	1650.00	993.86	705.75	1,699.61
	Unit Rate										0.00	49.62	1650.38	994.09	1700.00	1,700.00
	Components										0.0%	2.9%	97.1%	58.5%	41.5%	100.0%

12. Equipment Depreciation Cost

Currency Rate 1 US$ = 52.28 PP
= 120.12 yen

Proportion of Foreign/Local	Foreign	Local
Redemption Cost	1/(1+Tax)	1 - Foreign
Maintenance & Repair Cost	50.0%	50.0%
Annual Management Cost	0.0%	100.0%

D	Diesel	M01005
E	Electricity	M01009
G	Gasoline	M01006
H	Heavy Oil	M01007

Code No.	Description	Power	Weight	CIF Price	Tax Rate Import	Tax Rate VAT	Durable Years	Annual Standard Operation Hours	Annual Standard Operation Days	Annual Standard Provided Days	Resumption Rate	Maintenance & Repair Rate	Annual Management Rate	Converted Depreciation per Operation Hour (or day) Rate	Converted Depreciation per Operation Hour (or day) Amount	Component Foreign	Component Local	Component Tax	Converted Depreciation per Provided Day Rate	Converted Depreciation per Provided Day Amount	Component Foreign	Component Local	Component Tax	Fuel Consumption Type	Fuel Consumption Rate	Fuel Consumption Amount	Operation Hour per Provided day	Operation Hour per Operation day
		(kW)	(t)	(1000xPP)	(%)	(%)	(years)	(hr)	(day)	(day)	(%)	(%)	(%)	(x10⁻⁶)	(PP)	(%)	(%)	(%)	(x10⁻⁶)	(PP)	(%)	(%)	(%)		ltr/PS-h kWh/kW	ltr/hr (kW/hr)	(hr/day)	(hr/day)
	1. Excavation Equipment																											
Q0101-015	Bulldozer, 15t	100.0	14.60	6,270.00	10.0%	10.0%	11.3	580	110	200	10.0%	48.8%	4.5%	hr 289	2,190.00	52.1%	47.9%	14.8%	839	6,370.00	52.1%	47.9%	14.8%	D	0.188	18.8	2.90	5.27
Q0101-021	Bulldozer, 21t	152.0	21.90	11,600.00	10.0%	10.0%	10.1	790	120	220	14.0%	48.8%	4.5%	hr 226	3,170.00	53.0%	47.0%	14.9%	811	11,400.00	53.0%	47.0%	14.9%	D	0.188	28.6	3.59	6.58
Q0105-010	Backhoe, hydraulic, crawler, 0.1m³	25.0	4.20	1,960.00	10.0%	10.0%	6.9	0	120	200	13.0%	30.0%	4.5%	day 1788	4,240.00	68.7%	41.3%	15.3%	1073	2,540.00	68.7%	41.3%	15.3%	D	0.188	4.7	0.00	5.00
Q0105-035	Backhoe, hydraulic, crawler, 0.35m³	60.0	11.80	3,240.00	10.0%	10.0%	7.2	820	150	220	14.0%	33.8%	4.5%	hr 258	1,010.00	57.8%	42.2%	15.3%	961	3,770.00	57.8%	42.2%	15.3%	D	0.188	11.3	3.73	5.47
Q0105-060	Backhoe, hydraulic, crawler, 0.60m³	104.0	19.80	5,570.00	10.0%	10.0%	7.2	820	150	220	14.0%	33.8%	4.5%	hr 258	1,740.00	57.8%	42.2%	15.3%	961	6,480.00	57.8%	42.2%	15.3%	D	0.188	19.6	3.73	5.47
Q0106-004	Clamshell, crawler, 0.3m³	40.0	10.70	3,400.00	10.0%	10.0%	7.7	750	120	190	11.0%	37.5%	4.5%	hr 279	1,150.00	57.3%	42.7%	15.2%	1102	4,530.00	57.3%	42.7%	15.2%	D	0.188	7.5	3.95	6.25
Q0106-006	Clamshell, crawler, 0.6m³	85.0	19.10	6,140.00	10.0%	10.0%	7.7	750	120	190	11.0%	37.5%	4.5%	hr 279	2,070.00	57.3%	42.7%	15.2%	1102	8,190.00	57.3%	42.7%	15.2%	D	0.188	16.0	3.95	6.25
Q0106-008	Clamshell, crawler, 0.6m³ Deep	85.0	20.00	7,050.00	10.0%	10.0%	7.7	790	120	200	11.0%	33.8%	4.5%	hr 259	2,210.00	57.4%	42.6%	15.2%	1022	8,720.00	57.4%	42.6%	15.2%	D	0.188	16.0	3.95	6.58
Q0107-034	Tractor Shovel, wheel, 0.34m³	21.0	2.40	1,370.00	10.0%	10.0%	11.0	540	120	190	8.0%	48.8%	4.5%	hr 320	530.00	52.8%	47.2%	14.8%	911	1,510.00	52.8%	47.2%	14.8%	D	0.156	3.3	2.84	4.50
Q0107-080	Tractor Shovel, wheel, 0.8m³	42.0	4.80	2,050.00	10.0%	10.0%	11.0	540	120	190	8.0%	48.8%	4.5%	hr 320	794.00	52.8%	47.2%	14.8%	911	2,260.00	52.8%	47.2%	14.8%	D	0.156	6.6	2.84	4.50
Q0107-120	Tractor Shovel, wheel, 1.2m³	62.0	6.80	2,680.00	10.0%	10.0%	11.0	540	120	190	8.0%	48.8%	4.5%	hr 320	1,040.00	52.8%	47.2%	14.8%	911	2,950.00	52.8%	47.2%	14.8%	D	0.156	9.7	2.84	4.50
	2. Demolition Equipment																											
Q0201-080	Giant Breaker, hydraulic, 600~800kg	0.0	0.70	1,180.00	10.0%	10.0%	6.1	0	70	130	8.0%	18.8%	3.5%	day 3095	4,420.00	64.6%	35.4%	15.8%	1666	2,380.00	64.6%	35.4%	15.8%		0.000	0.0	0.00	0.00
Q0201-130	Giant Breaker, hydraulic, 1300kg	0.0	1.50	2,000.00	10.0%	10.0%	6.1	0	70	130	8.0%	18.8%	3.5%	day 3095	7,490.00	64.6%	35.4%	15.8%	1666	4,030.00	64.6%	35.4%	15.8%		0.000	0.0	0.00	0.00
Q0202-018	Crawler Drill, 180kg	0.0	9.50	12,600.00	10.0%	10.0%	7.6	600	100	150	8.0%	33.8%	4.5%	hr 421	6,420.00	58.1%	41.9%	15.3%	1404	21,400.00	58.1%	41.9%	15.3%		0.000	0.0	3.33	5.00
Q0203-100	Concrete Crusher, 56~100t	0.0	1.80	2,300.00	10.0%	10.0%	4.5	0	100	150	8.0%	22.5%	3.5%	day 2894	8,050.00	67.0%	33.0%	16.1%	1930	5,370.00	67.0%	33.0%	16.1%		0.000	0.0	0.00	0.00
Q0204-020	Concrete Breaker, 20kg	0.0	0.02	21.80	10.0%	10.0%	4.5	0	70	120	8.0%	22.5%	3.5%	day 4135	109.00	67.0%	33.0%	16.1%	2412	63.60	67.0%	33.0%	16.1%		0.000	0.0	0.00	0.00
Q0205-030	Leg Hammer, 30kg	0.0	0.03	108.00	10.0%	10.0%	4.5	0	80	140	8.0%	30.0%	3.5%	day 3826	500.00	66.1%	33.9%	16.0%	2187	286.00	66.1%	33.9%	16.0%		0.000	0.0	0.00	0.00
Q0206-001	Pick Hammer	0.0	0.01	13.50	10.0%	10.0%	4.5	0	80	140	8.0%	33.8%	3.5%	day 3932	64.20	65.7%	34.3%	16.0%	2247	36.70	65.7%	34.3%	16.0%		0.000	0.0	0.00	0.00
Q0207-020	Hand Hammer	0.0	0.02	73.60	10.0%	10.0%	4.5	0	70	120	8.0%	22.5%	3.5%	day 4135	368.00	67.0%	33.0%	16.1%	2412	215.00	67.0%	33.0%	16.1%		0.000	0.0	0.00	0.00
	3. Leveling & Compaction Equipment																											
Q0301-031	Motor Grader, 3.1m	85.0	10.10	4,570.00	10.0%	10.0%	11.8	470	90	140	9.0%	30.0%	4.5%	hr 314	1,740.00	51.8%	48.2%	14.7%	1054	5,830.00	51.8%	48.2%	14.7%	D	0.110	9.4	3.36	5.22
Q0302-204	Stabilizer, W=2.0m, D=0.4m	179.0	18.80	17,900.00	10.0%	10.0%	9.1	260	50	70	8.0%	48.8%	4.5%	hr 768	16,600.00	55.3%	44.7%	15.1%	2853	61,800.00	55.3%	44.7%	15.1%	D	0.113	20.2	3.71	5.26
Q0303-012	Road Roller, macadam, 10~12t	66.0	10.60	3,230.00	10.0%	10.0%	12.2	470	90	130	12.0%	26.3%	4.5%	hr 295	1,150.00	50.8%	49.2%	14.6%	1067	4,170.00	50.8%	49.2%	14.6%	D	0.114	7.5	3.62	5.22
Q0304-020	Tire Roller, 8~20t	71.0	14.80	3,150.00	10.0%	10.0%	12.2	450	90	150	9.0%	33.8%	4.5%	hr 327	1,250.00	51.3%	48.7%	14.7%	982	3,740.00	51.3%	48.7%	14.7%	D	0.102	7.2	3.00	5.00
Q0305-011	Vibration Roller, Handy, 0.8~1.1t	5.0	0.80	527.00	10.0%	10.0%	10.6	470	90	130	7.0%	30.0%	3.5%	hr 321	205.00	57.4%	42.6%	15.2%	1162	741.00	57.4%	42.6%	15.2%	D	0.205	1.0	3.62	5.22
Q0305-140	Vibration Roller, combined, 3~4t	21.0	3.60	2,020.00	10.0%	10.0%	10.6	480	100	160	7.0%	30.0%	4.5%	hr 335	819.00	53.8%	46.2%	14.9%	1006	2,460.00	53.8%	46.2%	14.9%	D	0.155	3.3	3.00	4.80
Q0305-210	Vibration Roller, tandem, 8~10t	97.0	10.20	5,270.00	10.0%	10.0%	10.6	410	80	120	7.0%	30.0%	4.5%	hr 393	2,510.00	53.8%	46.2%	14.9%	1342	8,560.00	53.8%	46.2%	14.9%	D	0.155	15.0	3.42	5.13
Q0306-010	Tamper and Rammer, 60~100kg	3.0	0.04	78.30	10.0%	10.0%	4.6	0	80	120	8.0%	37.5%	3.5%	day 3957	375.00	65.1%	34.9%	15.9%	2638	250.00	65.1%	34.9%	15.9%	G	0.310	0.9	0.00	5.00
Q0307-110	Vibration Compactor, 100~110kg	4.0	0.11	93.10	10.0%	10.0%	4.6	0	100	140	8.0%	41.3%	3.5%	day 3248	366.00	64.7%	35.3%	15.9%	2320	261.00	64.7%	35.3%	15.9%	G	0.310	1.2	0.00	5.00
	4. Lifting Equipment																											
Q0401-022	Crawler Crane, 22.5t	71.0	26.60	7,180.00	10.0%	10.0%	10.9	640	110	180	13.0%	45.0%	4.5%	hr 260	2,260.00	52.1%	47.9%	14.8%	923	8,020.00	52.1%	47.9%	14.8%	D	0.095	6.7	3.56	5.82
Q0401-027	Crawler Crane, 25~27t	85.0	27.80	8,570.00	10.0%	10.0%	10.9	640	110	180	13.0%	45.0%	4.5%	hr 260	2,700.00	52.1%	47.9%	14.8%	923	9,570.00	52.1%	47.9%	14.8%	D	0.095	8.1	3.56	5.82
Q0401-037	Crawler Crane, 35~37t	88.0	36.20	12,000.00	10.0%	10.0%	10.9	640	110	180	13.0%	45.0%	4.5%	hr 260	3,780.00	52.1%	47.9%	14.8%	923	13,400.00	52.1%	47.9%	14.8%	D	0.095	8.4	3.56	5.82
Q0401-040	Crawler Crane, 40t	114.0	41.10	13,200.00	10.0%	10.0%	10.9	870	140	190	13.0%	45.0%	4.5%	hr 191	3,050.00	52.1%	47.9%	14.8%	874	14,000.00	52.1%	47.9%	14.8%	D	0.095	10.8	4.58	6.21
Q0401-050	Crawler Crane, 50t	132.0	49.80	17,400.00	10.0%	10.0%	10.9	870	140	190	13.0%	45.0%	4.5%	hr 191	4,020.00	52.1%	47.9%	14.8%	874	18,400.00	52.1%	47.9%	14.8%	D	0.095	12.5	4.58	6.21
Q0401-060	Crawler Crane, 60t	140.0	65.60	23,200.00	10.0%	10.0%	10.9	870	140	190	13.0%	45.0%	4.5%	hr 191	5,360.00	52.1%	47.9%	14.8%	874	24,500.00	52.1%	47.9%	14.8%	D	0.095	13.3	4.58	6.21
Q0402-005	Truck Crane, 4.8~4.9t	107.0	7.90	3,100.00	10.0%	10.0%	9.0	800	140	190	12.0%	22.5%	4.5%	hr 210	788.00	55.6%	44.4%	15.0%	883	3,310.00	55.6%	44.4%	15.0%	D	0.050	5.4	4.21	5.71
Q0402-011	Truck Crane, 10~11t	107.0	19.80	5,610.00	10.0%	10.0%	9.0	800	140	190	12.0%	22.5%	4.5%	hr 210	1,430.00	55.6%	44.4%	15.0%	883	5,990.00	55.6%	44.4%	15.0%	D	0.050	5.4	4.21	5.71
Q0402-016	Truck Crane, 15~16t	125.0	19.80	7,660.00	10.0%	10.0%	9.0	800	140	190	12.0%	22.5%	4.5%	hr 210	1,950.00	55.6%	44.4%	15.0%	883	8,180.00	55.6%	44.4%	15.0%	D	0.050	6.3	4.21	5.71
Q0402-022	Truck Crane, 20~22t	129.0	23.60	8,750.00	10.0%	10.0%	9.0	800	140	190	12.0%	22.5%	4.5%	hr 210	2,220.00	55.6%	44.4%	15.0%	883	9,350.00	55.6%	44.4%	15.0%	D	0.050	6.5	4.21	5.71
Q0402-025	Truck Crane, 25t	162.0	28.50	10,500.00	10.0%	10.0%	9.0	800	140	190	12.0%	22.5%	4.5%	hr 210	2,670.00	55.6%	44.4%	15.0%	883	11,200.00	55.6%	44.4%	15.0%	D	0.050	8.1	4.21	5.71
Q0402-030	Truck Crane, 30t	165.0	31.50	13,100.00	10.0%	10.0%	9.0	800	140	190	12.0%	22.5%	4.5%	hr 210	3,330.00	55.6%	44.4%	15.0%	883	14,000.00	55.6%	44.4%	15.0%	D	0.050	8.3	4.21	5.71
Q0402-036	Truck Crane, 35~36t	239.0	35.10	14,400.00	10.0%	10.0%	9.0	800	140	190	12.0%	22.5%	4.5%	hr 210	3,660.00	55.6%	44.4%	15.0%	883	15,400.00	55.6%	44.4%	15.0%	D	0.050	12.0	4.21	5.71
Q0402-045	Truck Crane, 40~45t	249.0	37.40	18,100.00	10.0%	10.0%	9.0	800	140	190	12.0%	22.5%	4.5%	hr 210	4,600.00	55.6%	44.4%	15.0%	883	19,300.00	55.6%	44.4%	15.0%	D	0.050	12.5	4.21	5.71
Q0402-060	Truck Crane, 60t	249.0	43.20	23,700.00	10.0%	10.0%	9.0	800	140	190	12.0%	22.5%	4.5%	hr 210	6,020.00	55.6%	44.4%	15.0%	883	25,300.00	55.6%	44.4%	15.0%	D	0.050	12.5	4.21	5.71
Q0402-080	Truck Crane, 80t	368.0	68.00	43,400.00	10.0%	10.0%	9.0	800	140	190	12.0%	22.5%	4.5%	hr 210	11,000.00	55.6%	44.4%	15.0%	883	46,400.00	55.6%	44.4%	15.0%	D	0.050	18.4	4.21	5.71
Q0402-120	Truck Crane, 120t	426.0	80.70	60,900.00	10.0%	10.0%	9.0	800	140	190	12.0%	22.5%	4.5%	hr 210	15,500.00	55.6%	44.4%	15.0%	883	65,100.00	55.6%	44.4%	15.0%	D	0.050	21.3	4.21	5.71
Q0402-136	Truck Crane, 127~136t	393.0	100.00	59,600.00	10.0%	10.0%	9.0	780	100	110	12.0%	22.5%	4.5%	hr 215	15,500.00	55.6%	44.4%	15.0%	1525	110,000.00	55.6%	44.4%	15.0%	D	0.050	19.7	7.09	7.80
Q0402-150	Truck Crane, 150t	463.0	123.00	66,200.00	10.0%	10.0%	9.0	780	100	110	12.0%	22.5%	4.5%	hr 215	17,200.00	55.6%	44.4%	15.0%	1525	122,000.00	55.6%	44.4%	15.0%	D	0.050	23.2	7.09	7.80
Q0402-160	Truck Crane, 160t	483.0	108.00	81,400.00	10.0%	10.0%	9.0	800	140	190	12.0%	22.5%	4.5%	hr 210	20,700.00	55.6%	44.4%	15.0%	883	87,000.00	55.6%	44.4%	15.0%	D	0.050	24.2	4.21	5.71
Q0403-020	Wheel Crane, 20~22t	163.0	23.30	10,100.00	10.0%	10.0%	10.3	890	150	200	10.0%	18.8%	4.5%	hr 169	2,070.00	54.0%	46.0%	14.9%	753	9,200.00	54.0%	46.0%	14.9%	D	0.105	17.1	4.45	5.93
Q0404-010	Winch, 1.0tx40m/min	7.7	0.46	269.00	10.0%	10.0%	13.7	0	100	170	8.0%	75.0%	3.5%	day 1569	511.00	52.9%	47.2%	14.9%	923	300.00	52.9%	47.2%	14.9%	D	0.110	0.8	0.00	0.00
Q0404-028	Winch, 2.8tx30m/min	22.0	3.30	1,040.00	10.0%	10.0%	12.1	0	110	170	8.0%	112.5%	3.5%	day 1855	2,330.00	53.6%	46.4%	15.0%	1200	1,510.00	53.6%	46.4%	15.0%	D	0.110	2.4	0.00	0.00
Q0405-009	Lift Car, 8~9m	65.0	4.30	2,040.00	10.0%	10.0%	7.8	630	120	160	12.0%	18.8%	4.5%	hr 289	713.00	57.9%	42.1%	15.2%	1137	2,810.00	57.9%	42.1%	15.2%	D	0.041	2.7	3.94	5.25
Q0405-013	Lift Car, 12~13m	70.0	6.70	3,020.00	10.0%	10.0%	7.8	630	120	160	12.0%	18.8%	4.5%	hr 289	1,060.00	57.9%	42.1%	15.2%	1137	4,150.00	57.9%	42.1%	15.2%	D	0.041	2.9	3.94	5.25
Q0406-003	Portal Crane Frame, 3t	4.4	8.10	2,270.00	10.0%	10.0%	11.7	0	0	210	11.0%	22.5%	3.5%	day		55.6%	44.4%	15.0%	620	1,700.00	55.6%	44.4%	15.0%		0.000	0.0	0.00	0.00
Q0406-010	Portal Crane Frame, 10t	7.4	18.00	5,610.00	10.0%	10.0%	11.7	0	0	210	11.0%	33.8%	3.5%	day		55.2%	44.8%	15.0%	666	4,520.00	55.2%	44.8%	15.0%		0.000	0.0	0.00	0.00
Q0406-103	Portal Crane Hoist, 3t	5.4	0.40	347.00	10.0%	10.0%	11.7	0	110	210	11.0%	60.0%	3.5%	day 1476	620.00	54.5%	45.5%	15.0%	773	325.00	54.5%	45.5%	15.0%		0.000	0.0	0.00	0.00

Code No.	Description	Power	Weight	CIF Price	Tax Rate		Durable Years	Annual Standard			Resumption Rate	Maintenance & Repair Rate	Annual Management Rate	Converted Depreciation per Operation Hour (or day)					Converted Depreciation per Provided Day					Fuel Consumption			Operation Hour per Provided day	Operation Hour per Operation day
					Import	VAT		Operation Hours	Operation Days	Provided Days				Rate	Amount	Component Foreign	Component Local	Component Tax	Rate	Amount	Component Foreign	Component Local	Component Tax	Type	Rate	Amount		
		(kW)	(t)	(1000xPP)	(%)	(%)	(years)	(hr)	(day)	(day)	(%)	(%)	(%)	(x10^{-5})	(PP)	(%)	(%)	(%)	(x10^{-5})	(PP)	(%)	(%)	(%)		ltr/PS-h kWh/kW	ltr/hr (kW/hr)	(hr/day)	(hr/day)
Q0406-110	Portal Crane Hoist, 10t	12.0	1.20	1,140.00	10.0%	10.0%	11.7	0	110	220	11.0%	63.8%	3.5%	day 1505	2,080.00	54.4%	45.6%	15.0%	753	1,040.00	54.4%	45.6%	15.0%		0.000	0.0	0.00	0.00
Q0407-030	Lever Block, 3.0t	0.0	0.02	27.90	10.0%	10.0%	5.0	0	0	155	10.0%	26.3%	3.5%	day		65.4%	34.6%	15.9%	1726	58.30	65.4%	34.6%	15.9%		0.000	0.0	0.00	0.00
Q0408-010	Chain Block, 1.0t	1.5	0.06	73.10	10.0%	10.0%	7.6	0	0	170	8.0%	75.0%	3.5%	day		58.6%	41.4%	15.4%	1498	132.00	58.6%	41.4%	15.4%		0.000	0.0	0.00	0.00
	5. Piling Equipment																											
Q0501-013	Diesel Hammer, 1.3t	1.3	2.90	2,240.00	10.0%	10.0%	7.8	440	70	120	8.0%	33.8%	4.5%	hr 469	1,270.00	57.8%	42.2%	15.3%	1719	4,660.00	57.8%	42.2%	15.3%	D	7.648	9.9	3.67	6.29
Q0501-025	Diesel Hammer, 2.5t	2.5	5.30	3,470.00	10.0%	10.0%	7.8	440	70	120	8.0%	33.8%	4.5%	hr 469	1,970.00	57.8%	42.2%	15.3%	1719	7,220.00	57.8%	42.2%	15.3%	D	7.648	19.1	3.67	6.29
Q0501-035	Diesel Hammer, 3.5t	3.5	8.10	4,400.00	10.0%	10.0%	7.8	440	70	120	8.0%	33.8%	4.5%	hr 469	2,500.00	57.8%	42.2%	15.3%	1719	9,150.00	57.8%	42.2%	15.3%	D	7.648	26.8	3.67	6.29
Q0501-045	Diesel Hammer, 4.5t	4.5	10.70	6,400.00	10.0%	10.0%	7.8	440	70	120	8.0%	33.8%	4.5%	hr 469	3,630.00	57.8%	42.2%	15.3%	1719	13,300.00	57.8%	42.2%	15.3%	D	7.648	34.4	3.67	6.29
Q0501-060	Diesel Hammer, 6.0t	6.0	15.00	9,710.00	10.0%	10.0%	7.8	440	70	120	8.0%	33.8%	4.5%	hr 469	5,510.00	57.8%	42.2%	15.3%	1719	20,200.00	57.8%	42.2%	15.3%	D	7.648	45.9	3.67	6.29
Q0501-072	Diesel Hammer, 7.2t	7.2	18.40	12,400.00	10.0%	10.0%	7.8	440	70	120	8.0%	33.8%	4.5%	hr 469	7,040.00	57.8%	42.2%	15.3%	1719	25,800.00	57.8%	42.2%	15.3%	D	7.648	55.1	3.67	6.29
Q0502-020	Hydraulic Pile Hammer, 2t	81.0	5.80	7,440.00	10.0%	10.0%	7.8	480	70	120	8.0%	37.5%	4.5%	hr 440	3,960.00	57.6%	42.4%	15.3%	1759	15,800.00	57.6%	42.4%	15.3%	D	0.313	25.4	4.00	6.86
Q0502-045	Hydraulic Pile Hammer, 4~4.5t	107.0	11.60	11,200.00	10.0%	10.0%	7.8	480	70	120	8.0%	37.5%	4.5%	hr 440	5,960.00	57.6%	42.4%	15.3%	1759	23,800.00	57.6%	42.4%	15.3%	D	0.313	33.5	4.00	6.86
Q0502-065	Hydraulic Pile Hammer, 6.5t	110.0	12.30	12,700.00	10.0%	10.0%	7.8	480	70	120	8.0%	37.5%	4.5%	hr 440	6,760.00	57.6%	42.4%	15.3%	1759	27,000.00	57.6%	42.4%	15.3%	D	0.313	34.4	4.00	6.86
Q0502-125	Hydraulic Pile Hammer, 10~12.5t	110.0	23.50	15,700.00	10.0%	10.0%	7.8	480	70	120	8.0%	37.5%	4.5%	hr 440	8,360.00	57.6%	42.4%	15.3%	1759	33,400.00	57.6%	42.4%	15.3%	D	0.313	34.4	4.00	6.86
Q0503-022	Vibro Hammer, 22kW	22.0	1.90	1,920.00	10.0%	10.0%	7.8	590	90	120	8.0%	48.8%	4.5%	hr 382	887.00	57.1%	42.9%	15.2%	1879	4,370.00	57.1%	42.9%	15.2%	E	0.305	6.7 kW/hr	4.92	6.56
Q0503-030	Vibro Hammer, 30kW	30.0	2.40	2,420.00	10.0%	10.0%	7.8	590	90	120	8.0%	48.8%	4.5%	hr 382	1,120.00	57.1%	42.9%	15.2%	1879	5,500.00	57.1%	42.9%	15.2%	E	0.305	9.2 kW/hr	4.92	6.56
Q0503-040	Vibro Hammer, 40kW	40.0	3.30	2,950.00	10.0%	10.0%	7.8	590	90	120	8.0%	48.8%	4.5%	hr 382	1,360.00	57.1%	42.9%	15.2%	1879	6,710.00	57.1%	42.9%	15.2%	E	0.305	12.2 kW/hr	4.92	6.56
Q0503-060	Vibro Hammer, 60kW	60.0	4.80	4,400.00	10.0%	10.0%	7.8	590	90	120	8.0%	48.8%	4.5%	hr 382	2,030.00	57.1%	42.9%	15.2%	1879	10,000.00	57.1%	42.9%	15.2%	E	0.305	18.3 kW/hr	4.92	6.56
Q0504-025	Diesel Hammer Piling Machine, crawler, triaxial support, ram 2.5t	75.0	59.50	19,300.00	10.0%	10.0%	9.3	640	110	190	8.0%	108.8%	4.5%	hr 408	9,530.00	53.8%	46.2%	15.0%	1373	32,100.00	53.8%	46.2%	15.0%	D	0.184	32.9	3.37	5.82
Q0504-035	Diesel Hammer Piling Machine, crawler, triaxial support, ram 3.5t	88.0	61.60	23,100.00	10.0%	10.0%	9.3	640	110	190	8.0%	108.8%	4.5%	hr 408	11,400.00	53.8%	46.2%	15.0%	1373	38,400.00	53.8%	46.2%	15.0%	D	0.184	43.0	3.37	5.82
Q0504-045	Diesel Hammer Pile Driving Machine, crawler, triaxial support, ram 4.5t	88.0	64.10	25,200.00	10.0%	10.0%	9.3	640	110	190	8.0%	108.8%	4.5%	hr 408	12,400.00	53.8%	46.2%	15.0%	1373	41,900.00	53.8%	46.2%	15.0%	D	0.184	50.6	3.37	5.82
Q0504-060	Diesel Hammer Piling Machine, crawler, triaxial support, ram 6.0t	102.0	71.10	33,100.00	10.0%	10.0%	9.3	640	110	190	8.0%	108.8%	4.5%	hr 408	16,300.00	53.8%	46.2%	15.0%	1373	55,000.00	53.8%	46.2%	15.0%	D	0.184	64.7	3.37	5.82
Q0504-072	Diesel Hammer Piling Machine, crawler, triaxial support, ram 7.2t	106.0	79.40	40,600.00	10.0%	10.0%	9.3	640	110	190	8.0%	108.8%	4.5%	hr 408	20,000.00	53.8%	46.2%	15.0%	1373	67,400.00	53.8%	46.2%	15.0%	D	0.184	74.6	3.37	5.82
Q0505-013	Diesel Hammer Piling Machine, crawler, boom, ram 1.3t	77.0	24.00	15,800.00	10.0%	10.0%	9.3	640	110	190	8.0%	33.8%	4.5%	hr 282	5,390.00	55.4%	44.6%	15.0%	949	18,100.00	55.4%	44.6%	15.0%	D	0.184	24.1	3.37	5.82
Q0505-025	Diesel Hammer Piling Machine, crawler, boom, ram 2.5t	90.0	36.50	17,100.00	10.0%	10.0%	9.3	640	110	190	8.0%	33.8%	4.5%	hr 282	5,830.00	55.4%	44.6%	15.0%	949	19,600.00	55.4%	44.6%	15.0%	D	0.184	35.7	3.37	5.82
Q0506-020	Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 2.0 t	81.0	62.00	23,200.00	10.0%	10.0%	9.3	640	110	190	8.0%	33.8%	4.5%	hr 282	7,920.00	55.4%	44.6%	15.0%	949	26,600.00	55.4%	44.6%	15.0%	D	0.184	40.3	3.37	5.82
Q0506-045	Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 4.0~4.5 t	107.0	66.90	29,700.00	10.0%	10.0%	9.3	640	110	190	8.0%	33.8%	4.5%	hr 282	10,100.00	55.4%	44.6%	15.0%	949	34,100.00	55.4%	44.6%	15.0%	D	0.184	53.2	3.37	5.82
Q0506-065	Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 6.5 t	110.0	70.30	36,000.00	10.0%	10.0%	9.3	640	110	190	8.0%	33.8%	4.5%	hr 282	12,300.00	55.4%	44.6%	15.0%	949	41,300.00	55.4%	44.6%	15.0%	D	0.184	54.6	3.37	5.82
Q0506-080	Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 7.0~8.0 t	110.0	79.40	41,800.00	10.0%	10.0%	9.3	640	110	190	8.0%	33.8%	4.5%	hr 282	14,300.00	55.4%	44.6%	15.0%	949	48,000.00	55.4%	44.6%	15.0%	D	0.184	54.6	3.37	5.82
Q0506-125	Hydraulic Hammer Piling Machine, crawler, triaxial support, ram 10~12.5 t	110.0	84.50	44,800.00	10.0%	10.0%	9.3	640	110	190	8.0%	33.8%	4.5%	hr 282	15,300.00	55.4%	44.6%	15.0%	949	51,400.00	55.4%	44.6%	15.0%	D	0.184	54.6	3.37	5.82
Q0507-030	Diesel Hammer & Earth Auger Piling Machine, crawler, triaxial support, ram 2.5t, auger 30kW	104.0	75.10	24,800.00	10.0%	10.0%	9.3	640	110	190	8.0%	33.8%	4.5%	hr 282	8,460.00	55.4%	44.6%	15.0%	949	28,500.00	55.4%	44.6%	15.0%	D	0.184	19.1	3.37	5.82
Q0507-045	Diesel Hammer & Earth Auger Piling Machine, crawler, triaxial support, ram 3.5, auger 45kW	116.0	90.90	32,600.00	10.0%	10.0%	9.3	640	110	190	8.0%	33.8%	4.5%	hr 282	11,100.00	55.4%	44.6%	15.0%	949	37,400.00	55.4%	44.6%	15.0%	D	0.184	21.3	3.37	5.82
Q0508-030	Earth Auger Piling Machine, crawler, 30kW	72.0	65.00	24,800.00	10.0%	10.0%	9.3	640	110	190	8.0%	33.8%	4.5%	hr 282	8,460.00	55.4%	44.6%	15.0%	949	28,500.00	55.4%	44.6%	15.0%	D	0.087	6.3	3.37	5.82
Q0508-045	Earth Auger Piling Machine, crawler, 45kW	91.0	70.00	37,000.00	10.0%	10.0%	9.3	640	110	190	8.0%	33.8%	4.5%	hr 282	12,600.00	55.4%	44.6%	15.0%	949	42,500.00	55.4%	44.6%	15.0%	D	0.087	7.9	3.37	5.82
Q0509-045	Earth Auger, crawler, 45kW	78.0	61.00	33,300.00	10.0%	10.0%	9.3	660	110	190	8.0%	33.8%	4.5%	hr 273	11,000.00	55.4%	44.6%	15.0%	949	38,200.00	55.4%	44.6%	15.0%	D	0.087	6.8	3.47	6.00
Q0509-055	Earth Auger, crawler, 55kW	78.0	61.80	36,800.00	10.0%	10.0%	9.3	660	110	190	8.0%	33.8%	4.5%	hr 273	12,200.00	55.4%	44.6%	15.0%	949	42,300.00	55.4%	44.6%	15.0%	D	0.087	6.8	3.47	6.00
Q0510-030	Earth Auger, 30kW	30.0	2.50	3,020.00	10.0%	10.0%	7.8	610	110	160	8.0%	22.5%	4.5%	hr 314	1,150.00	58.3%	41.7%	15.3%	1199	4,380.00	58.3%	41.7%	15.3%	E	0.436	13.1 kW/hr	3.81	5.55
Q0510-045	Earth Auger, 45kW	45.0	6.00	4,310.00	10.0%	10.0%	7.8	610	110	160	8.0%	22.5%	4.5%	hr 314	1,640.00	58.3%	41.7%	15.3%	1199	6,260.00	58.3%	41.7%	15.3%	E	0.436	19.6 kW/hr	3.81	5.55
Q0510-055	Earth Auger, 55kW	55.0	6.80	5,440.00	10.0%	10.0%	7.8	610	110	160	8.0%	22.5%	4.5%	hr 314	2,070.00	58.3%	41.7%	15.3%	1199	7,890.00	58.3%	41.7%	15.3%	E	0.436	24.0 kW/hr	3.81	5.55
Q0511-321	Auger Screw, φ320, 30kW	30.0	0.24	67.50	10.0%	10.0%	1.5	610	110	160	8.0%	11.3%	4.5%	hr 1203	98.30	74.2%	25.8%	16.7%	4585	374.00	74.2%	25.8%	16.7%		0.000	0.0	3.81	5.55
Q0511-322	Auger Screw, φ320, 45kW	45.0	0.33	96.60	10.0%	10.0%	1.5	610	110	160	8.0%	11.3%	4.5%	hr 1203	141.00	74.2%	25.8%	16.7%	4585	536.00	74.2%	25.8%	16.7%		0.000	0.0	3.81	5.55
Q0512-321	Auger Head, φ320, 30kW	30.0	0.08	44.80	10.0%	10.0%	0.8	610	110	160	8.0%	11.3%	4.5%	hr 2191	119.00	76.4%	23.6%	16.9%	8352	453.00	76.4%	23.6%	16.9%		0.000	0.0	3.81	5.55
Q0512-322	Auger Head, φ320, 45kW	45.0	0.12	66.60	10.0%	10.0%	0.8	610	110	160	8.0%	11.3%	4.5%	hr 2191	177.00	76.4%	23.6%	16.9%	8352	673.00	76.4%	23.6%	16.9%		0.000	0.0	3.81	5.55
Q0513-120	All Casing Excavator, φ1200max	122.0	24.00	17,900.00	10.0%	10.0%	9.3	650	100	150	8.0%	30.0%	4.5%	hr 271	5,870.00	55.6%	44.4%	15.0%	1175	25,400.00	55.6%	44.4%	15.0%	D	0.184	22.4	4.33	6.50
Q0513-150	All Casing Excavator, φ1500max	81.0	39.90	25,600.00	10.0%	10.0%	9.3	650	100	150	8.0%	30.0%	4.5%	hr 271	8,390.00	55.6%	44.4%	15.0%	1175	36,400.00	55.6%	44.4%	15.0%	D	0.184	14.9	4.33	6.50
Q0513-200	All Casing Excavator, φ2000max	81.0	49.00	35,100.00	10.0%	10.0%	9.3	650	100	150	8.0%	30.0%	4.5%	hr 271	11,500.00	55.6%	44.4%	15.0%	1175	49,900.00	55.6%	44.4%	15.0%	D	0.184	14.9	4.33	6.50
Q0514-080	Hammer Grab, φ800	0.0	1.40	1,460.00	10.0%	10.0%	3.1	0	0	150	8.0%	30.0%	4.5%	day		67.0%	33.0%	16.1%	2924	5,170.00	67.0%	33.0%	16.1%		0.000	0.0	0.00	0.00
Q0514-100	Hammer Grab, φ1000	0.0	1.70	1,600.00	10.0%	10.0%	3.1	0	0	150	8.0%	30.0%	4.5%	day		67.0%	33.0%	16.1%	2924	5,660.00	67.0%	33.0%	16.1%		0.000	0.0	0.00	0.00
Q0514-120	Hammer Grab, φ1200	0.0	1.90	1,670.00	10.0%	10.0%	3.1	0	0	150	8.0%	30.0%	4.5%	day		67.0%	33.0%	16.1%	2924	5,910.00	67.0%	33.0%	16.1%		0.000	0.0	0.00	0.00

Code No.	Description	Power	Weight	CIF Price	Tax Rate		Durable Years	Annual Standard			Resumption Rate	Maintenance & Repair Rate	Annual Management Rate	Converted Depreciation per Operation Hour (or day)					Converted Depreciation per Provided Day					Fuel Consumption			Operation Hour per Provided day	Operation Hour per Operation day
					Import	VAT		Operation Hours	Operation Days	Provided Days				Rate	Amount	Component Foreign	Component Local	Component Tax	Rate	Amount	Component Foreign	Component Local	Component Tax	Type	Rate	Amount		
		(kW)	(t)	(1000xPP)	(%)	(%)	(years)	(hr)	(day)	(day)	(%)	(%)	(%)	(x10⁻⁶)	(PP)	(%)	(%)	(%)	(x10⁻⁶)	(PP)	(%)	(%)	(%)		ltr/FS-hr kWh/kW	ltr/hr (kW/hr)	(hr/day)	(hr/day)
Q0514-150	Hammer Grab, φ1500	0.0	3.30	2,860.00	10.0%	10.0%	3.1	0	0	150	8.0%	30.0%	4.5%	day		67.0%	33.0%	16.1%	2924	10,100.00	67.0%	33.0%	16.1%		0.000	0.0	0.00	0.00
Q0515-001	Hammer Crown, ≦φ1200	0.0	0.10	206.00	10.0%	10.0%	1.5	0	0	150	8.0%	30.0%	4.5%	day		70.7%	29.3%	16.4%	5722	1,430.00	70.7%	29.3%	16.4%		0.000	0.0	0.00	0.00
Q0515-002	Hammer Crown, >φ1200	0.0	0.20	278.00	10.0%	10.0%	1.5	0	0	150	8.0%	30.0%	4.5%	day		70.7%	29.3%	16.4%	5722	1,920.00	70.7%	29.3%	16.4%		0.000	0.0	0.00	0.00
Q0516-085	Casing Tube, φ800, L=5m	0.0	2.30	496.00	10.0%	10.0%	3.1	0	0	150	8.0%	30.0%	3.5%	day		68.5%	31.5%	16.2%	2857	1,710.00	68.5%	31.5%	16.2%		0.000	0.0	0.00	0.00
Q0516-105	Casing Tube, φ1000, L=5m	0.0	2.80	514.00	10.0%	10.0%	3.1	0	0	150	8.0%	30.0%	3.5%	day		68.5%	31.5%	16.2%	2857	1,780.00	68.5%	31.5%	16.2%		0.000	0.0	0.00	0.00
Q0516-125	Casing Tube, φ1200, L=5m	0.0	3.30	601.00	10.0%	10.0%	3.1	0	0	150	8.0%	30.0%	3.5%	day		68.5%	31.5%	16.2%	2857	2,080.00	68.5%	31.5%	16.2%		0.000	0.0	0.00	0.00
Q0516-155	Casing Tube, φ1500, L=5m	0.0	4.70	779.00	10.0%	10.0%	3.1	0	0	150	8.0%	30.0%	3.5%	day		68.5%	31.5%	16.2%	2857	2,690.00	68.5%	31.5%	16.2%		0.000	0.0	0.00	0.00
Q0517-150	Earth Drill Excavator, φ1500	73.0	20.20	15,600.00	10.0%	10.0%	9.3	690	110	170	8.0%	33.8%	4.5%	hr	261	4,930.00	55.4%	44.6%	15.0%	1060	20,000.00	55.4%	44.6%	15.0%	D	0.095	6.9	4.06	6.27
Q0518-055	Reverse Circulation Drill, 55kW	55.0	12.00	10,700.00	10.0%	10.0%	9.3	680	110	160	8.0%	37.5%	4.5%	hr	271	3,510.00	55.3%	44.7%	15.0%	1152	14,900.00	55.3%	44.7%	15.0%	E	0.426	23.4 kW/hr	4.25	6.18
Q0518-075	Reverse Circulation Drill, 75kW	75.0	11.20	11,700.00	10.0%	10.0%	9.3	680	110	160	8.0%	37.5%	4.5%	hr	271	3,840.00	55.3%	44.7%	15.0%	1152	16,300.00	55.3%	44.7%	15.0%	E	0.426	32.0 kW/hr	4.25	6.18
Q0519-011	Boring Machine, 11kW	11.0	1.10	1,570.00	10.0%	10.0%	9.0	720	120	150	8.0%	37.5%	4.5%	hr	262	498.00	55.8%	44.2%	15.1%	1259	2,390.00	55.8%	44.2%	15.1%	D	0.154	1.7	4.80	6.00
Q0519-022	Boring Machine, 22kW	22.0	3.60	3,490.00	10.0%	10.0%	9.0	720	120	150	8.0%	37.5%	4.5%	hr	262	1,110.00	55.8%	44.2%	15.1%	1259	5,320.00	55.8%	44.2%	15.1%	D	0.154	3.4	4.80	6.00
Q0519-030	Boring Machine, 30kW	30.0	5.00	8,270.00	10.0%	10.0%	9.0	720	120	150	8.0%	37.5%	4.5%	hr	262	2,620.00	55.8%	44.2%	15.1%	1259	12,600.00	55.8%	44.2%	15.1%	D	0.154	4.6	4.80	6.00
Q0520-075	Sand Piling Machine, 75kW (35~37t)	83.0	72.10	46,600.00	10.0%	10.0%	9.3	650	110	180	8.0%	33.8%	4.5%	hr	277	15,500.00	55.4%	44.6%	15.0%	1001	56,400.00	55.4%	44.6%	15.0%	D	0.087	7.2	3.61	5.91
Q0520-120	Sand Piling Machine, 120kW (40t)	105.0	81.10	52,700.00	10.0%	10.0%	9.3	650	110	180	8.0%	33.8%	4.5%	hr	277	17,700.00	55.4%	44.6%	15.0%	1001	63,800.00	55.4%	44.6%	15.0%	D	0.087	9.1	3.61	5.91
Q0521-120	Three Wing Bit, φ800~1200	0.0	0.25	158.00	10.0%	10.0%	1.5	0	0	150	8.0%	30.0%	4.5%	day		70.7%	29.3%	16.4%	5722	1,090.00	70.7%	29.3%	16.4%		0.000	0.0	0.00	0.00
Q0522-100	Hydraulic Steel Pipe Jack, φ1000	30.0	10.00	5,090.00	10.0%	10.0%	7.8	0	0	90	8.0%	37.5%	4.5%	day		57.6%	42.4%	15.3%	2345	14,400.00	57.6%	42.4%	15.3%	E	0.305	9.2 kW/hr	0.00	0.00
	6. Transportation Equipment																											
Q0601-002	Dump Truck, Diesel, 2t	88.0	2.80	1,010.00	10.0%	10.0%	8.1	1040	170	220	11.0%	45.0%	6.0%	hr	217	265.00	52.6%	47.4%	14.8%	1025	1,250.00	52.6%	47.4%	14.8%	D	0.054	4.8	4.73	6.12
Q0601-004	Dump Truck, Diesel, 4t	135.0	3.80	1,540.00	10.0%	10.0%	8.1	1040	170	220	11.0%	45.0%	6.0%	hr	217	404.00	52.6%	47.4%	14.8%	1025	1,940.00	52.6%	47.4%	14.8%	D	0.054	7.3	4.73	6.12
Q0601-011	Dump Truck, Diesel, 10t	246.0	9.70	4,070.00	10.0%	10.0%	8.1	1040	170	220	11.0%	45.0%	6.0%	hr	217	1,070.00	52.6%	47.4%	14.8%	1025	5,050.00	52.6%	47.4%	14.8%	D	0.054	13.3	4.73	6.12
Q0602-002	Truck, 2t	98.0	2.50	945.00	10.0%	10.0%	9.1	760	170	200	6.0%	30.0%	6.0%	hr	258	295.00	51.9%	48.1%	14.7%	981	1,120.00	51.9%	48.1%	14.7%	D	0.054	5.3	3.80	4.47
Q0602-003	Truck, 3~3.5t	106.0	2.70	1,190.00	10.0%	10.0%	9.1	760	170	200	6.0%	30.0%	6.0%	hr	258	371.00	51.9%	48.1%	14.7%	981	1,410.00	51.9%	48.1%	14.7%	D	0.054	5.7	3.80	4.47
Q0603-004	Truck with 2.9t crane, 4t	132.0	4.60	2,510.00	10.0%	10.0%	9.1	910	160	200	6.0%	30.0%	6.0%	hr	216	656.00	51.9%	48.1%	14.7%	981	2,980.00	51.9%	48.1%	14.7%	D	0.054	7.1	4.55	5.69
Q0604-015	Trailer, 15t	235.0	10.90	4,440.00	10.0%	10.0%	9.5	700	120	200	8.0%	26.3%	4.5%	hr	242	1,300.00	55.4%	44.6%	15.0%	848	4,560.00	55.4%	44.6%	15.0%	D	0.076	17.9	3.50	5.83
Q0605-045	Concrete Mixer Truck 4.4~4.5m³	213.0	9.20	4,070.00	10.0%	10.0%	9.0	860	170	210	8.0%	33.8%	4.5%	hr	215	1,060.00	55.9%	44.1%	15.1%	880	4,330.00	55.9%	44.1%	15.1%	D	0.060	12.8	4.10	5.06
Q0611-020	Cart, 20t	0.0	0.80	201.00	10.0%	10.0%	8.0	0	0	120	10.0%	48.8%	3.5%	day		59.2%	40.8%	15.4%	1738	423.00	59.2%	40.8%	15.4%		0.000	0.0	0.00	0.00
Q0611-040	Cart, 40t	0.0	1.30	326.00	10.0%	10.0%	8.0	0	0	120	10.0%	48.8%	3.5%	day		59.2%	40.8%	15.4%	1738	686.00	59.2%	40.8%	15.4%		0.000	0.0	0.00	0.00
	7. Concrete Work Equipment																											
Q0701-030	Concrete Plant, 30m³/hr	56.0	25.00	13,200.00	10.0%	10.0%	10.6	830	150	250	8.0%	52.5%	4.5%	hr	218	3,480.00	53.2%	46.8%	14.9%	725	11,600.00	53.2%	46.8%	14.9%	E	0.495	27.7 kW/hr	3.32	5.53
Q0701-045	Concrete Plant, 45m³/hr	75.0	45.50	21,200.00	10.0%	10.0%	10.6	830	150	250	8.0%	52.5%	4.5%	hr	218	5,590.00	53.2%	46.8%	14.9%	725	18,600.00	53.2%	46.8%	14.9%	E	0.495	37.1 kW/hr	3.32	5.53
Q0702-060	Concrete Pump Vehicle, 55~60m³/hr	127.0	7.60	9,750.00	10.0%	10.0%	7.6	1130	160	200	8.0%	52.5%	4.5%	hr	208	2,450.00	57.2%	42.8%	15.3%	1176	13,900.00	57.2%	42.8%	15.3%	D	0.084	10.7	5.65	7.06
Q0702-085	Concrete Pump Vehicle, 65~85m³/hr	166.0	14.80	11,400.00	10.0%	10.0%	7.6	1130	160	200	8.0%	52.5%	4.5%	hr	208	2,870.00	57.2%	42.8%	15.3%	1176	16,200.00	57.2%	42.8%	15.3%	D	0.084	13.9	5.65	7.06
Q0702-110	Concrete Pump Vehicle, 90~110m³/hr	199.0	16.00	14,700.00	10.0%	10.0%	7.6	1130	160	200	8.0%	52.5%	4.5%	hr	208	3,700.00	57.2%	42.8%	15.3%	1176	20,900.00	57.2%	42.8%	15.3%	D	0.084	16.7	5.65	7.06
Q0703-075	Concrete Pump, 70~75m³/hr	87.0	5.40	8,840.00	10.0%	10.0%	7.6	490	70	170	8.0%	33.8%	4.5%	hr	430	4,600.00	58.1%	41.9%	15.3%	1238	13,200.00	58.1%	41.9%	15.3%	E	0.410	35.7 kW/hr	2.88	7.00
Q0704-010	Concrete Bucket, 1.0m³	0.0	0.70	203.00	10.0%	10.0%	7.3	0	50	100	8.0%	52.5%	3.5%	day	4659	1,140.00	60.1%	39.9%	15.5%	2329	572.00	60.1%	39.9%	15.5%		0.000	0.0	0.00	0.00
Q0705-075	Concrete Spreader, 3~7.5m	33.0	6.50	7,530.00	10.0%	10.0%	10.4	470	80	130	8.0%	30.0%	4.5%	hr	345	3,140.00	53.9%	46.1%	14.9%	1249	11,400.00	53.9%	46.1%	14.9%	D	0.124	4.1	3.62	5.88
Q0706-045	Concrete Finisher, 3~4.5m	19.0	4.50	7,490.00	10.0%	10.0%	10.4	480	80	140	8.0%	33.8%	4.5%	hr	346	3,140.00	53.8%	46.2%	14.9%	1185	10,700.00	53.8%	46.2%	14.9%	D	0.124	2.4	3.43	6.00
Q0706-075	Concrete Finisher, 3~7.5m	33.0	11.40	14,400.00	10.0%	10.0%	10.4	480	80	140	8.0%	33.8%	4.5%	hr	346	6,030.00	53.8%	46.2%	14.9%	1185	20,600.00	53.8%	46.2%	14.9%	D	0.124	4.1	3.43	6.00
Q0706-175	Concrete Vertical Finisher, 3~7.5m	18.0	5.10	11,000.00	10.0%	10.0%	10.4	470	80	120	8.0%	30.0%	4.5%	hr	345	4,590.00	53.9%	46.1%	14.9%	1353	18,000.00	53.9%	46.1%	14.9%	D	0.124	2.2	3.92	5.88
Q0707-005	Finishing Screed, 3.6~5m	4.0	0.20	119.00	10.0%	10.0%	4.4	0	70	120	8.0%	15.0%	3.5%	day	3974	572.00	68.2%	31.8%	16.1%	2318	334.00	68.2%	31.8%	16.1%	D	0.124	0.5	0.00	5.00
Q0708-060	Concrete Vibrator Rod, φ60mm	1.1	0.04	66.60	10.0%	10.0%	4.4	0	120	150	8.0%	52.5%	3.5%	day	3028	244.00	64.0%	36.0%	15.9%	2423	195.00	64.0%	36.0%	15.9%	G	0.378	0.4	0.00	0.00
Q0709-030	Concrete Cutter, blade φ30cm	4.0	0.10	91.40	10.0%	10.0%	6.0	0	70	140	8.0%	33.8%	3.5%	day	3495	387.00	63.3%	36.7%	15.8%	1748	193.00	63.3%	36.7%	15.8%	G	0.231	0.9	0.00	5.00
Q0709-040	Concrete Cutter, blade φ40cm	6.0	0.10	157.00	10.0%	10.0%	6.0	0	70	140	8.0%	33.8%	3.5%	day	3495	664.00	63.3%	36.7%	15.8%	1748	332.00	63.3%	36.7%	15.8%	G	0.231	1.4	0.00	5.00
Q0709-055	Concrete Cutter, blade φ55cm	10.0	0.20	326.00	10.0%	10.0%	4.4	0	110	150	8.0%	56.3%	4.5%	day	3473	1,370.00	62.0%	38.0%	15.7%	2547	1,000.00	62.0%	38.0%	15.7%	G	0.231	2.3	0.00	5.00
Q0709-065	Concrete Cutter, blade φ65cm	16.0	0.30	561.00	10.0%	10.0%	4.4	0	110	150	8.0%	56.3%	4.5%	day	3473	2,360.00	62.0%	38.0%	15.7%	2547	1,730.00	62.0%	38.0%	15.7%	G	0.231	3.7	0.00	5.00
Q0709-075	Concrete Cutter, blade φ75cm	22.0	0.40	1,030.00	10.0%	10.0%	4.4	0	110	150	8.0%	56.3%	4.5%	day	3473	4,330.00	62.0%	38.0%	15.7%	2547	3,170.00	62.0%	38.0%	15.7%	G	0.231	5.1	0.00	5.00
Q0709-106	Concrete Cutter, blade φ106cm	27.0	0.50	1,050.00	10.0%	10.0%	4.4	0	110	150	8.0%	56.3%	4.5%	day	3473	4,410.00	62.0%	38.0%	15.7%	2547	3,240.00	62.0%	38.0%	15.7%	G	0.231	6.2	0.00	5.00
Q0710-030	Grout Pump, 15~30 ltr/min	2.0	0.14	276.00	10.0%	10.0%	10.9	0	90	130	8.0%	63.8%	4.5%	day	2088	697.00	52.7%	47.3%	14.9%	1446	483.00	52.7%	47.3%	14.9%	D	0.211	0.4	0.00	0.00
Q0710-100	Grout Pump, 37~100 ltr/min	8.0	0.30	561.00	10.0%	10.0%	10.9	0	90	130	8.0%	56.3%	4.5%	day	2012	1,370.00	52.8%	47.2%	14.9%	1393	946.00	52.8%	47.2%	14.9%	D	0.211	1.7	0.00	1.50
Q0711-120	Grout Mixer, 1x200 ltr	6.0	0.20	241.00	10.0%	10.0%	10.9	0	100	140	8.0%	56.3%	4.5%	day	1811	528.00	52.8%	47.2%	14.9%	1293	377.00	52.8%	47.2%	14.9%	D	0.211	1.3	0.00	0.00
Q0711-220	Grout Mixer, 2x200 ltr	2.0	0.30	274.00	10.0%	10.0%	10.9	0	100	140	8.0%	56.3%	4.5%	day	1811	600.00	52.8%	47.2%	14.9%	1293	429.00	52.8%	47.2%	14.9%	D	0.211	0.4	0.00	1.50
Q0711-240	Grout Mixer, 2x400 ltr	11.0	0.60	448.00	10.0%	10.0%	10.9	0	100	140	8.0%	56.3%	4.5%	day	1811	982.00	52.8%	47.2%	14.9%	1293	701.00	52.8%	47.2%	14.9%	D	0.211	2.3	0.00	0.00
Q0712-012	Mortar Gun, wet, 0.8~1.2m³/hr	18.0	3.30	2,160.00	10.0%	10.0%	7.3	770	120	170	8.0%	67.5%	4.5%	hr	342	894.00	57.1%	42.9%	15.3%	1550	4,050.00	57.1%	42.9%	15.3%	D	0.194	3.5	4.53	6.42
Q0713-060	Concrete Gun, 6m³/hr	22.0	3.20	2,010.00	10.0%	10.0%	7.3	810	120	180	8.0%	67.5%	4.5%	hr	325	790.00	57.1%	42.9%	15.3%	1464	3,560.00	57.1%	42.9%	15.3%	E	0.466	10.3 kW/hr	4.50	6.75
Q0713-300	Mortar Plant, 2x500 ltr, 281~300 ltr/min	25.0	4.10	3,730.00	10.0%	10.0%	10.9	0	80	180	8.0%	56.3%	4.5%	day	2263	10,200.00	52.8%	47.2%	14.9%	1006	4,540.00	52.8%	47.2%	14.9%	E	0.495	12.4 kW/hr	0.00	1.80
Q0714-050	Concrete Mixer 0.60m³	4.8	2.10	905.00	10.0%	10.0%	7.3	0	100	170	8.0%	67.5%	3.5%	day	2535	2,780.00	59.3%	40.7%	15.5%	1491	1,630.00	59.3%	40.7%	15.5%	D	0.211	1.0	0.00	0.00
Q0714-075	Concrete Mixer 0.75m³	7.5	2.90	1,120.00	10.0%	10.0%	7.3	0	100	170	8.0%	67.5%	3.5%	day	2535	3,440.00	59.3%	40.7%	15.5%	1491	2,020.00	59.3%	40.7%	15.5%	D	0.211	1.6	0.00	0.00
Q0714-100	Concrete Mixer 1.00m³	11.0	3.90	1,520.00	10.0%	10.0%	7.3	0	100	170	8.0%	67.5%	3.5%	day	2535	4,660.00	59.3%	40.7%	15.5%	1491	2,740.00	59.3%	40.7%	15.5%	D	0.211	2.3	0.00	0.00
Q0715-126	Jet Heater 126Ml/h	0.0	0.10	41.80	10.0%	10.0%	8.8	950	100	120	8.0%	33.8%	4.5%	hr	198	10.00	56.2%	43.8%	15.1%	1566	79.20	56.2%	43.8%	15.1%	D	0.000	0.0	7.92	9.50
Q0716-060	Jaw Crusher 600x900	75.0	21.00	9,270.00	10.0%	10.0%	8.6	9000	1300	2500	5.0%	52.5%	3.0%	hr	22	247.00	60.5%	39.5%	15.5%	81	909.00	60.5%	39.5%	15.5%	E	0.495	37.1 kW/hr	3.60	6.92
Q0717-090	Vibration Sieve 900x1800	3.7	1.90	1,450.00	10.0%	10.0%	7.9	8200	1200	2300	5.0%	82.5%	3.0%	hr	31	54.40	59.5%	40.5%	15.5%	111	195.00	59.5%	40.5%	15.5%	E	0.495	1.8 kW/hr	3.57	6.83
	8. Asphalt Work Equipment																											
Q0801-030	Asphalt Plant, 30 t/hr	110.0	59.20	23,300.00	10.0%	10.0%	8.0	720	190	270	8.0%	41.3%	4.5%	hr	271	7,640.00	55.8%	44.2%	15.1%	721	20,300.00	55.8%	44.2%	15.1%	E	0.495	54.5 kW/hr	2.67	3.79

Code No.	Description	Power	Weight	CIF Price	Tax Rate		Durable Years	Annual Standard			Resumption Rate	Maintenance & Repair Rate	Annual Management Rate	Converted Depreciation per Operation Hour (or day)					Converted Depreciation per Provided Day					Fuel Consumption			Operation Hour per Provided day	Operation Hour per Operation day
					Import	VAT		Operation Hours	Operation Days	Provided Days						Component					Component				Rate	Amount		
														Rate	Amount	Foreign	Local	Tax	Rate	Amount	Foreign	Local	Tax	Type	ltr/PS-hr kW/kW	ltr/hr (kW/hr)	(hr/day)	(hr/day)
		(kW)	(t)	(1000xPP)	(%)	(%)	(years)	(hr)	(day)	(day)	(%)	(%)	(%)	(x10^-6)	(PP)	(%)	(%)	(%)	(x10^-6)	(PP)	(%)	(%)	(%)					
Q0801-040	Asphalt Plant, 40t/hr	118.0	60.90	24,800.00	10.0%	10.0%	8.9	720	190	270	8.0%	41.3%	4.5%	hr 271	8,130.00	55.8%	44.2%	15.1%	721	21,600.00	55.8%	44.2%	15.1%	E	0.495	58.4 kW/hr	2.67	3.79
Q0802-028	Asphalt Finisher, crawler, 1.6~2.8m	29.0	5.10	4,610.00	10.0%	10.0%	10.8	440	80	130	5.0%	33.8%	4.5%	hr 373	2,080.00	53.8%	46.2%	14.9%	1264	7,050.00	53.8%	46.2%	14.9%	B	0.155	4.5	3.38	5.50
Q0802-050	Asphalt Finisher, crawler, 2.4~5.0m	35.0	9.70	12,100.00	10.0%	10.0%	10.8	440	80	130	5.0%	33.8%	4.5%	hr 373	5,460.00	53.8%	46.2%	14.9%	1264	18,500.00	53.8%	46.2%	14.9%	B	0.155	5.4	3.38	5.50
Q0802-120	Asphalt Finisher, crawler, 3~12m	131.0	19.70	27,900.00	10.0%	10.0%	10.8	440	80	130	5.0%	33.8%	4.5%	hr 373	12,600.00	53.8%	46.2%	14.9%	1264	42,700.00	53.8%	46.2%	14.9%	B	0.155	20.3	3.38	5.50
Q0803-045	Asphalt Finisher, wheel, 2.4~4.5m	38.0	8.60	10,100.00	10.0%	10.0%	10.8	440	80	130	5.0%	33.8%	4.5%	hr 373	4,660.00	53.8%	46.2%	14.9%	1264	15,400.00	53.8%	46.2%	14.9%	B	0.155	5.9	3.38	5.50
Q0804-400	Asphalt Distributor, 4000 ltr	123.0	2.90	3,540.00	10.0%	10.0%	10.4	0	110	170	8.0%	37.5%	4.6%	day 1541	6,600.00	53.8%	46.2%	14.9%	997	4,270.00	53.8%	46.2%	14.9%	D	0.094	11.6	0.00	4.30
Q0805-200	Asphalt Engine Sprayer, 200 ltr	2.4	0.06	70.90	10.0%	10.0%	4.4	0	70	130	8.0%	37.5%	3.5%	day 4705	404.00	65.4%	34.6%	16.0%	2533	217.00	65.4%	34.6%	16.0%	G	0.231	0.6	0.00	4.30
Q0806-045	Asphalt Curber, 4~4.5m³/h	6.7	0.34	457.00	10.0%	10.0%	8.9	0	60	100	8.0%	41.3%	3.5%	day 3080	1,700.00	58.8%	41.2%	15.4%	1848	1,020.00	58.8%	41.2%	15.4%	G	0.231	1.5	0.00	5.00
Q0807-020	Road Cutter, wheel, 2.0m	273.0	23.90	20,500.00	10.0%	10.0%	10.6	380	70	100	8.0%	30.0%	4.5%	hr 421	10,400.00	53.6%	46.4%	14.9%	1601	39,700.00	53.6%	46.4%	14.9%	D	0.146	39.6	3.80	5.43
Q0808-060	Asphalt Kettle 6000 ltr	0.0	2.00	374.00	10.0%	10.0%	6.0	0	70	120	8.0%	15.0%	3.5%	day 3048	1,380.00	65.3%	34.7%	15.9%	1778	805.00	65.3%	34.7%	15.9%		0.000	0.0	0.00	0.00
Q0809-023	Road Surface Heater	46.0	12.60	19,400.00	10.0%	10.0%	9.0	460	70	100	8.0%	33.8%	4.5%	hr 492	9,440.00	55.9%	44.1%	15.1%	1848	43,400.00	55.9%	44.1%	15.1%	D	0.163	7.5	4.60	6.57
	9. Steel Work Equipment																												
Q0901-025	Electric Welder, 250A	0.0	0.07	46.10	10.0%	10.0%	13.3	0	90	160	8.0%	71.3%	3.5%	day 1753	97.80	53.2%	46.8%	14.9%	986	55.00	53.2%	46.8%	14.9%	D	0.231	0.0	0.00	3.30
Q0901-050	Electric Welder, 500A	0.0	0.21	89.20	10.0%	10.0%	13.3	0	90	160	8.0%	71.3%	3.5%	day 1753	189.00	53.2%	46.8%	14.9%	986	106.00	53.2%	46.8%	14.9%	D	0.231	0.0	0.00	0.00
	10. Generator, Pumps & Blowers																												
Q1001-010	Generator, 10kVA	13.0	0.44	412.00	10.0%	10.0%	8.5	0	110	130	7.0%	33.8%	3.5%	day 1674	835.00	59.9%	40.1%	15.4%	1417	706.00	59.9%	40.1%	15.4%	D	0.173	2.2	0.00	3.00
Q1001-015	Generator, 15kVA	17.0	0.50	518.00	10.0%	10.0%	8.5	0	110	130	7.0%	33.8%	3.5%	day 1674	1,050.00	59.9%	40.1%	15.4%	1417	888.00	59.9%	40.1%	15.4%	D	0.173	2.9	0.00	3.00
Q1001-020	Generator, 20kVA	19.0	0.54	618.00	10.0%	10.0%	8.5	0	110	130	7.0%	33.8%	3.5%	day 1674	1,250.00	59.9%	40.1%	15.4%	1417	1,060.00	59.9%	40.1%	15.4%	D	0.173	3.3	0.00	3.00
Q1001-035	Generator, 35kVA	33.0	0.99	723.00	10.0%	10.0%	8.5	0	110	130	7.0%	33.8%	3.5%	day 1674	1,460.00	59.9%	40.1%	15.4%	1417	1,240.00	59.9%	40.1%	15.4%	D	0.173	5.7	0.00	3.00
Q1001-045	Generator, 45kVA	42.0	1.20	801.00	10.0%	10.0%	8.5	0	110	130	7.0%	33.8%	3.5%	day 1674	1,620.00	59.9%	40.1%	15.4%	1417	1,370.00	59.9%	40.1%	15.4%	D	0.173	7.3	0.00	3.00
Q1001-060	Generator, 60kVA	57.0	1.49	1,010.00	10.0%	10.0%	8.5	0	110	130	7.0%	33.8%	3.5%	day 1674	2,050.00	59.9%	40.1%	15.4%	1417	1,730.00	59.9%	40.1%	15.4%	D	0.173	9.9	0.00	3.00
Q1001-075	Generator, 75kVA	69.0	1.72	1,310.00	10.0%	10.0%	8.5	0	110	130	7.0%	33.8%	3.5%	day 1674	2,650.00	59.9%	40.1%	15.4%	1417	2,250.00	59.9%	40.1%	15.4%	D	0.173	11.9	0.00	3.00
Q1001-100	Generator, 100kVA	92.0	1.88	1,330.00	10.0%	10.0%	8.5	0	110	130	7.0%	33.8%	3.5%	day 1674	2,690.00	59.9%	40.1%	15.4%	1417	2,280.00	59.9%	40.1%	15.4%	D	0.173	15.9	0.00	3.00
Q1001-125	Generator, 125kVA	117.0	2.13	1,680.00	10.0%	10.0%	8.5	0	110	130	7.0%	33.8%	3.5%	day 1674	3,400.00	59.9%	40.1%	15.4%	1417	2,880.00	59.9%	40.1%	15.4%	D	0.173	20.2	0.00	3.00
Q1001-150	Generator, 150kVA	134.0	2.90	1,960.00	10.0%	10.0%	8.5	0	110	130	7.0%	33.8%	3.5%	day 1674	3,970.00	59.9%	40.1%	15.4%	1417	3,360.00	59.9%	40.1%	15.4%	D	0.173	23.2	0.00	3.00
Q1001-200	Generator, 200kVA	195.0	3.64	2,620.00	10.0%	10.0%	8.5	0	110	130	7.0%	33.8%	3.5%	day 1674	5,310.00	59.9%	40.1%	15.4%	1417	4,490.00	59.9%	40.1%	15.4%	D	0.173	33.7	0.00	3.00
Q1001-300	Generator, 300kVA	248.0	4.37	4,030.00	10.0%	10.0%	8.5	0	110	130	7.0%	33.8%	3.5%	day 1674	8,160.00	59.9%	40.1%	15.4%	1417	6,910.00	59.9%	40.1%	15.4%	D	0.173	42.9	0.00	3.00
Q1001-350	Generator, 350kVA	331.0	5.80	4,340.00	10.0%	10.0%	8.5	0	110	130	7.0%	33.8%	3.5%	day 1674	8,790.00	59.9%	40.1%	15.4%	1417	7,440.00	59.9%	40.1%	15.4%	D	0.173	57.3	0.00	3.00
Q1002-037	Air Compressor, 3.6~3.7m³/min	26.0	0.70	653.00	10.0%	10.0%	10.4	0	80	140	4.0%	26.3%	3.5%	day 1907	1,510.00	58.3%	41.7%	15.3%	1090	861.00	58.3%	41.7%	15.3%	D	0.211	5.5	0.00	3.00
Q1002-050	Air Compressor, 5.0m³/min	39.0	0.80	931.00	10.0%	10.0%	10.4	0	80	140	4.0%	26.3%	3.5%	day 1907	2,150.00	58.3%	41.7%	15.3%	1090	1,230.00	58.3%	41.7%	15.3%	D	0.211	8.2	0.00	3.00
Q1002-076	Air Compressor, 7.5m³/min	59.0	1.40	1,380.00	10.0%	10.0%	10.4	0	80	140	4.0%	26.3%	3.5%	day 1907	3,180.00	58.3%	41.7%	15.3%	1090	1,820.00	58.3%	41.7%	15.3%	D	0.211	12.4	0.00	3.00
Q1002-110	Air Compressor, 10.5~11.0m³/min	78.0	2.10	2,150.00	10.0%	10.0%	10.4	0	80	140	4.0%	26.3%	3.5%	day 1907	4,960.00	58.3%	41.7%	15.3%	1090	2,840.00	58.3%	41.7%	15.3%	D	0.211	16.5	0.00	3.00
Q1002-170	Air Compressor, 17m³/min	115.0	3.20	2,430.00	10.0%	10.0%	10.4	0	80	140	4.0%	26.3%	3.5%	day 1907	5,610.00	58.3%	41.7%	15.3%	1090	3,200.00	58.3%	41.7%	15.3%	D	0.211	24.3	0.00	3.00
Q1003-100	Blower, 100m³, 1.1 kg/cm²	240.0	5.60	10,100.00	10.0%	10.0%	8.8	2250	140	200	9.0%	41.3%	3.5%	hr 82	1,000.00	58.8%	41.2%	15.4%	927	11,300.00	58.8%	41.2%	15.4%	D	0.159	38.2	11.25	16.07
Q1004-051	Water Pump, φ50mm, 0.8kW	0.8	0.02	23.50	10.0%	10.0%	8.8	0	100	140	9.0%	112.5%	3.5%	day 2663	75.70	56.1%	43.9%	15.3%	1902	54.10	56.1%	43.9%	15.3%	E	0.584	0.5 kW/hr	0.00	5.00
Q1005-101	Submerged Pump, φ100mm, 3.7kW	3.7	0.06	76.60	10.0%	10.0%	8.8	0	100	140	9.0%	112.5%	3.5%	day 2663	247.00	56.1%	43.9%	15.3%	1902	176.00	56.1%	43.9%	15.3%	E	0.584	2.2 kW/hr	0.00	8.00
Q1005-102	Submerged Pump, φ100mm, 5.5kW	5.5	0.06	96.20	10.0%	10.0%	8.8	0	100	140	9.0%	112.5%	3.5%	day 2663	310.00	56.1%	43.9%	15.3%	1902	221.00	56.1%	43.9%	15.3%	E	0.584	3.2 kW/hr	0.00	8.00
Q1005-151	Submerged Pump, φ150mm, 7.5kW	7.5	0.13	101.00	10.0%	10.0%	8.8	0	100	140	9.0%	112.5%	3.5%	day 2663	325.00	56.1%	43.9%	15.3%	1902	232.00	56.1%	43.9%	15.3%	E	0.584	4.4 kW/hr	0.00	8.00
Q1005-152	Submerged Pump, φ150mm, 11.0kW	11.0	0.14	140.00	10.0%	10.0%	8.8	0	100	140	9.0%	112.5%	3.5%	day 2663	451.00	56.1%	43.9%	15.3%	1902	322.00	56.1%	43.9%	15.3%	E	0.584	6.4 kW/hr	0.00	8.00
Q1005-201	Submerged Pump, φ200mm, 11.0kW	11.0	0.16	154.00	10.0%	10.0%	8.8	0	100	140	9.0%	112.5%	3.5%	day 2663	496.00	56.1%	43.9%	15.3%	1902	354.00	56.1%	43.9%	15.3%	E	0.584	6.4 kW/hr	0.00	8.00
Q1005-202	Submerged Pump, φ200mm, 15.0kW	15.0	0.23	233.00	10.0%	10.0%	8.8	0	100	140	9.0%	112.5%	3.5%	day 2663	751.00	56.1%	43.9%	15.3%	1902	536.00	56.1%	43.9%	15.3%	E	0.584	8.8 kW/hr	0.00	8.00
Q1006-101	Sand Pump, φ100mm, 5.5kW	5.5	0.10	88.40	10.0%	10.0%	8.8	0	100	130	9.0%	120.0%	3.5%	day 2748	294.00	55.9%	44.1%	15.2%	2114	226.00	55.9%	44.1%	15.2%	E	0.584	3.2 kW/hr	0.00	0.00
Q1007-005	Water Tank, 5m³	0.0	0.80	111.00	10.0%	10.0%	7.3	0	0	160	8.0%	37.5%	3.5%	day		61.1%	38.9%	15.6%	1327	178.00	61.1%	38.9%	15.6%		0.000	0.0	0.00	0.00
Q1008-020	Hydraulic Jack, 20t	0.0	0.03	106.00	10.0%	10.0%	7.0	0	0	125	10.0%	52.5%	3.5%	day		60.3%	39.7%	15.5%	1909	245.00	60.3%	39.7%	15.5%		0.000	0.0	0.00	0.00
Q1008-030	Hydraulic Jack, 30t	0.0	0.05	128.00	10.0%	10.0%	7.0	0	0	125	10.0%	52.5%	3.5%	day		60.3%	39.7%	15.5%	1909	296.00	60.3%	39.7%	15.5%		0.000	0.0	0.00	0.00
Q1008-050	Hydraulic Jack, 50t	0.0	0.09	177.00	10.0%	10.0%	7.0	0	0	125	10.0%	52.5%	3.5%	day		60.3%	39.7%	15.5%	1909	409.00	60.3%	39.7%	15.5%		0.000	0.0	0.00	0.00
Q1008-075	Hydraulic Jack, 75t	0.0	0.13	219.00	10.0%	10.0%	7.0	0	0	125	10.0%	52.5%	3.5%	day		60.3%	39.7%	15.5%	1909	506.00	60.3%	39.7%	15.5%		0.000	0.0	0.00	0.00
Q1008-100	Hydraulic Jack, 100t	0.0	0.16	265.00	10.0%	10.0%	7.0	0	0	125	10.0%	52.5%	3.5%	day		60.3%	39.7%	15.5%	1909	612.00	60.3%	39.7%	15.5%		0.000	0.0	0.00	0.00
Q1008-150	Hydraulic Jack, 150t	0.0	0.24	384.00	10.0%	10.0%	7.0	0	0	125	10.0%	52.5%	3.5%	day		60.3%	39.7%	15.5%	1909	887.00	60.3%	39.7%	15.5%		0.000	0.0	0.00	0.00
Q1008-200	Hydraulic Jack, 200t	0.0	0.31	496.00	10.0%	10.0%	7.0	0	0	125	10.0%	52.5%	3.5%	day		60.3%	39.7%	15.5%	1909	1,150.00	60.3%	39.7%	15.5%		0.000	0.0	0.00	0.00
Q1008-300	Hydraulic Jack, 300t	0.0	0.57	723.00	10.0%	10.0%	7.0	0	0	125	10.0%	52.5%	3.5%	day		60.3%	39.7%	15.5%	1909	1,670.00	60.3%	39.7%	15.5%		0.000	0.0	0.00	0.00
Q1009-050	Hydraulic Jack, Electric, 50t	0.8	0.10	386.00	10.0%	10.0%	7.3	0	0	120	8.0%	56.3%	3.5%	day		59.9%	40.1%	15.5%	1985	927.00	59.9%	40.1%	15.5%		0.000	0.0	0.00	0.00
Q1011-015	Hydraulic Pump, 1.5kW	1.5	0.07	592.00	10.0%	10.0%	7.0	0	0	125	10.0%	52.5%	3.5%	day		60.3%	39.7%	15.5%	1909	1,370.00	60.3%	39.7%	15.5%		0.000	0.0	0.00	0.00
	11. Road Maintenance Equipment																												
Q1101-031	Road Washer, brush, 2~3.1m3	146.0	6.80	7,140.00	10.0%	10.0%	7.6	760	100	200	8.0%	30.0%	4.5%	hr 270	2,330.00	58.3%	41.7%	15.3%	1028	8,880.00	58.3%	41.7%	15.3%	D	0.065	9.5	3.80	7.60
Q1101-046	Road Washer, Vacuum, 4.5m3	118.0	7.30	6,530.00	10.0%	10.0%	7.6	760	100	200	8.0%	30.0%	4.5%	hr 270	2,130.00	58.3%	41.7%	15.3%	1028	8,120.00	58.3%	41.7%	15.3%	D	0.065	7.7	3.80	7.60
Q1101-055	Road Washer, Vacuum, 5.5m3	127.0	12.30	9,790.00	10.0%	10.0%	7.6	760	100	200	8.0%	30.0%	4.5%	hr 270	3,200.00	58.3%	41.7%	15.3%	1028	12,200.00	58.3%	41.7%	15.3%	D	0.065	8.3	3.80	7.60
Q1102-125	Guardrail Washer	92.0	4.70	4,140.00	10.0%	10.0%	9.0	480	90	110	8.0%	18.8%	4.5%	hr 350	1,750.00	56.5%	43.5%	15.1%	1528	7,650.00	56.5%	43.5%	15.1%	D	0.065	6.0	4.36	5.33
Q1103-380	Water Sprinkle Vehicle, 3800 ltr	118.0	3.40	2,180.00	10.0%	10.0%	9.0	720	150	240	8.0%	37.5%	4.5%	hr 262	691.00	55.8%	44.2%	15.1%	787	2,080.00	55.8%	44.2%	15.1%	D	0.041	4.8	3.00	4.80
Q1103-650	Water Sprinkle Vehicle, 5600~6500	132.0	5.10	2,890.00	10.0%	10.0%	9.0	720	150	240	8.0%	37.5%	4.5%	hr 262	916.00	55.8%	44.2%	15.1%	787	2,750.00	55.8%	44.2%	15.1%	D	0.041	5.4	3.00	4.80
Q1104-600	Guardrail Post Piler, 400~600kg	29.0	5.30	4,180.00	10.0%	10.0%	7.6	830	130	180	8.0%	52.5%	4.5%	hr 283	1,430.00	57.2%	42.8%	15.3%	1306	6,610.00	57.2%	42.8%	15.3%	D	0.052	1.5	4.61	6.38
Q1105-255	Grass Cutter, shoulder type 255mm	1.3	0.01	26.10	10.0%	10.0%	4.4	0	80	160	8.0%	67.5%	3.5%	day 2582	81.50	62.8%	37.2%	15.8%	2484	78.40	62.8%	37.2%	15.8%	G	0.587	0.8	0.00	0.00

Code No.	Description	Power	Weight	CIF Price	Tax Rate		Durable Years	Annual Standard			Resumption Rate	Maintenance & Repair Rate	Annual Management Rate	Converted Depreciation per Operation Hour (or day)					Converted Depreciation per Provided Day					Fuel Consumption			Operation Hour per Provided day	Operation Hour per Operation day
					Import	VAT		Operation Hours	Operation Days	Provided Days				Rate	Amount	Component Foreign	Component Local	Component Tax	Rate	Amount	Component Foreign	Component Local	Component Tax	Type	Rate	Amount		
		(kW)	(t)	(1000xPP)	(%)	(%)	(years)	(hr)	(day)	(day)	(%)	(%)	(%)	(x10⁻⁶)	(PP)	(%)	(%)	(%)	(x10⁻⁶)	(PP)	(%)	(%)	(%)		lt/PS-hr kWh/kW	lt/hr (kW/hr)	(hr/day)	(hr/day)
Q1106-015	Line Marker (Solution Type, Hand Guide) 15cm	0.0	0.10	309.00	10.0%	10.0%	7.6	570	100	120	8.0%	41.3%	3.5%	hr 175	65.40	60.5%	39.5%	15.5%	1753	655.00	60.5%	39.5%	15.5%	D	0.041	0.0	4.75	5.70
Q1106-030	Line Marker (Solution Type, Hand Guide) 30, 45cm	0.0	0.10	193.00	10.0%	10.0%	7.6	570	100	120	8.0%	41.3%	3.5%	hr 175	40.90	60.5%	39.5%	15.5%	1753	409.00	60.5%	39.5%	15.5%	D	0.041	0.0	4.75	5.70
Q1106-120	Line Marker Solution Tank 200~350kg x 2	6.0	0.80	844.00	10.0%	10.0%	6.1	660	100	160	8.0%	30.0%	3.5%	hr 147	150.00	63.5%	36.5%	15.8%	1469	1,500.00	63.5%	36.5%	15.8%	D	0.041	0.2	4.13	6.60
Q1107-015	Line Marker (Paint Type, Hand Guide) 15cm	100.0	5.70	6,880.00	10.0%	10.0%	7.6	480	80	110	8.0%	30.0%	4.5%	hr 198	1,650.00	58.3%	41.7%	15.3%	1868	15,600.00	58.3%	41.7%	15.3%	D	0.041	4.1	4.36	6.00
Q1108-022	High Pressure Washer 2.2kW	2.2	0.07	77.50	10.0%	10.0%	8.8	0	110	150	8.0%	112.5%	3.5%	day 1563	147.00	56.2%	43.8%	15.3%	1783	167.00	56.2%	43.8%	15.3%	D	0.041	0.1	0.00	0.00
	15. Miscellaneous					-																						
Q1501-030	Rail 30kg/m x 100m	0.0	0.00	144.00	10.0%	10.0%	14.7	0	0	240	8.0%	0.0%	3.5%	day		53.0%	47.0%	14.7%	407	70.90	53.0%	47.0%	14.7%				0.00	0.00
Q1511-060	Square Pipe, 60mm x 1000m	0.0	0.00	140.00	10.0%	10.0%	3.3	0	0	255	7.0%	22.5%	2.5%	day		71.2%	28.8%	16.4%	1471	249.00	71.2%	28.8%	16.4%				0.00	0.00
Q1521-014	PC Bridge Cantilever Construction Form Traveler, W≦14m	14.8	59.00	14,100.00	10.0%	10.0%	8.0	0	0	180	10.0%	22.5%	3.5%	day		60.9%	39.1%	15.5%	976	16,700.00	60.9%	39.1%	15.5%				0.00	0.00
Q1521-017	PC Bridge Cantilever Construction Operation Wagon, W≦17m	22.2	84.00	18,800.00	10.0%	10.0%	8.0	0	0	180	10.0%	22.5%	3.5%	day		60.9%	39.1%	15.5%	976	22,200.00	60.9%	39.1%	15.5%				0.00	0.00
Q1521-020	PC Bridge Cantilever Construction Operation Wagon, W≦20m	29.6	117.00	25,400.00	10.0%	10.0%	8.0	0	0	180	10.0%	22.5%	3.5%	day		60.9%	39.1%	15.5%	976	30,000.00	60.9%	39.1%	15.5%				0.00	0.00
Q1521-024	PC Bridge Cantilever Construction Operation Wagon, W≦24m	29.6	125.00	27,600.00	10.0%	10.0%	8.0	0	0	180	10.0%	22.5%	3.5%	day		60.9%	39.1%	15.5%	976	32,600.00	60.9%	39.1%	15.5%				0.00	0.00
Q1531-001	Electric Drill	0.9	0.01	9.14	10.0%	10.0%	7.3	0	100	160	8.0%	56.3%	3.5%	day 2382	26.30	59.9%	40.1%	15.5%	1488	16.50	59.9%	40.1%	15.5%				0.00	0.00
Q1531-002	Hammer Drill	1.1	0.01	26.10	10.0%	10.0%	7.3	0	100	160	8.0%	56.3%	3.5%	day 2382	75.20	59.9%	40.1%	15.5%	1488	47.00	59.9%	40.1%	15.5%				0.00	0.00
Q1541-001	Steel Formwork 10m2	0.0	317.00	25.50	10.0%	10.0%	3.3	0	0	180	5.0%	26.3%	2.5%	day		70.8%	29.2%	16.4%	2181	67.30	70.8%	29.2%	16.4%				0.00	0.00
Q1551-001	Erection Girder t	0.0	1.00	170.00	10.0%	10.0%	9.0	0	0	125	10.0%	26.3%	3.5%	day		59.2%	40.8%	15.4%	1314	270.00	59.2%	40.8%	15.4%				0.00	0.00
Q1561-001	Temporary Frame Support (Portal 914x1700)	0.0	13.70	1.73	10.0%	10.0%	3.3	0	0	230	10.0%	26.3%	2.5%	day		70.3%	29.7%	16.4%	1641	3.44	70.3%	29.7%	16.4%				0.00	0.00
Q1561-002	Temporary Frame Support (Portal 1219x1700)	0.0	14.40	1.90	10.0%	10.0%	3.3	0	0	230	10.0%	26.3%	2.5%	day		70.3%	29.7%	16.4%	1641	3.77	70.3%	29.7%	16.4%				0.00	0.00
Q1561-003	Temporary Frame Support (Portal 1219x1829)	0.0	20.70	2.54	10.0%	10.0%	3.3	0	0	230	10.0%	26.3%	2.5%	day		70.3%	29.7%	16.4%	1641	5.04	70.3%	29.7%	16.4%				0.00	0.00
Q1561-011	Temporary Frame Support (bracing 914 x 1219)	0.0	2.90	0.36	10.0%	10.0%	3.3	0	0	230	10.0%	30.0%	2.5%	day		69.7%	30.3%	16.3%	1690	0.74	69.7%	30.3%	16.3%				0.00	0.00
Q1561-012	Temporary Frame Support (bracing 1219 x 1219)	0.0	3.30	0.38	10.0%	10.0%	3.3	0	0	230	10.0%	30.0%	2.5%	day		69.7%	30.3%	16.3%	1690	0.78	69.7%	30.3%	16.3%				0.00	0.00
Q1561-013	Temporary Frame Support (bracing 1829 x 1219)	0.0	4.20	0.43	10.0%	10.0%	3.3	0	0	230	10.0%	30.0%	2.5%	day		69.7%	30.3%	16.3%	1690	0.89	69.7%	30.3%	16.3%				0.00	0.00