



Republic of the Philippines
GENERAL SANTOS CITY WATER DISTRICT

E. Fernandez St. Lagao, General Santos City
 Telephone No. (083) 552-3824/ Telefax No. (083) 553-4960
 E-mail Address: gscwaterdistrict@yahoo.com

Project: **RENOVATION AND CONSTRUCTION OF PERIMETER FENCE**
 Location: **LANSANG VILLAGE, BRGY. SINAWAL, GSC & ROCA SUBDIVISION, BRGY. APOPONG GSC**
 Owner: **GENERAL SANTOS CITY WATER DISTRICT**
 Subject: **BILL OF QUANTITIES**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
REHABILITATION OF PUMPHOUSE NO. 08					
A.1	REMOVAL OF OLD DAMAGED SLIDING STEEL GATE AND STEEL FRAMED STEEL MATTING AT PERIMETER				
A.1.1	Removal of Gate	1	Lot		
A.1.2	Removal of Steel Framed Steel Matting	1	Lot		
A.1.3	Chipping of Concrete Slab to Expose Rebars	1	Lot		
A.2	4.20 x 1.60M SLIDING STEEL GATE 1 - FABRICATION AND INSTALLATION				
A.2.1	Fabrication and Installation of 75mm x 50mm x 1.5mm Steel Tubular - 6m length for Gate Frame	4	Length		
A.2.2	Fabrication and Installation of 50mm x 50mm x 1.5mm Steel Tubular - 6m length for Gate Grills	4	Length		
A.2.3	Fabrication and Installation of G.A. 16 G.I. Plain Sheet - 6m length for Gate Panel	2	Sheets		
A.2.4	Furnishing and Installation of Steel Gate Roller - V Shape for gate Bottom roller	6	Nos.		
A.2.5	Furnishing and Installation of Nylon Rollers for gate Top guide	4	Nos.		
A.2.6	Fabrication and Installation of 50 x 50 x 6mm Angle Bar - 6m length for Runner guide	2	Length		
A.2.7	Furnishing and Installation of 25mm x 6mm Flat Bar for GI Plain Sheet Stiffener	2	Length		
A.2.8	Furnishing and Installation of 50mm x 6mm Flat Bar for Bottom Doublor Plate	1	Length		
A.2.9	Furnishing and Installation of Fabricated Bolt & Padlock	1	Lot		



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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
A.2.10	<i>Furnishing and Painting of Epoxy Primer Gray on Steel Gate</i>	1	Gal.		
A.2.11	<i>Furnishing and Painting of Epoxy Enamel Paint on Steel Gate</i>	1	Gal.		
A.3	REBARWORKS				
A.3.1	<i>Furnishing and Installation of Reinforced Concrete Lintel Beam and Planted Columns with 12mm/10mm dia. Def. bars for Main Bar and 10mm dia. Def. bars for Ties</i>	509	KGS		
A.3.2	<i>Furnishing and Installation of Reinforced Concrete Slab at Entrance with 10mm dia. Bars</i>				
A.3.3	<i>Furnishing and Installation of Reinforced Concrete Beam Support on Sliding Steel Gate</i>				
A.3.4	<i>Furnishing and Installation of CHB Reinforcements on Perimeter Fence and Test Line Box</i>				
A.3.5	<i>Furnishing and Application of Structural Epoxy A & B at CHB reinforcements</i>	1	Nos.		
A.4	CONCRETE WORKS				
A.4.1	<i>Concreting of Ramp & Supporting Beam at Sliding Gate Runner, Lintel Beams, Planted Columns and Test Line Box (Class A Mixture)</i>	4	CU.M.		
A.5	MASONRY WORKS, PLASTERING WORKS, BARBED WIRE & RAZOR WIRE				
A.5.1	<i>Furnishing and Installation of 4" CHB for Replacement of Steel Framed Steel Matting and additional height of fence</i>	620	Nos.		
A.5.2	<i>Furnishing and Plastering of Wall fence Additional height and Front Elevation</i>	50	SQ.M.		
A.5.3	<i>Furnishing and Installation of Galvanized Double Twist Barbed Wire - 50LM per roll</i>	1	Roll		



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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
A.5.4	Furnishing and Installation of Coiled Razor Wire - 10LM per roll	8	Roll		
A.5.5	Installation of 10" dia. PVC Pipe 1000 series - 3M (Materials to be provided by GSCWD)	6	Length		
A.5.6	Furnishing and Installation of 1/2" GI Pipe Sch. 40 - 6M Length for Barbed Wire Support	5	Length		
A.6	SOLAR STREET LIGHT				
A.6.1	Furnishing and Installation of 4" 200W Solar Street Light Outdoor LED Light Outlet Item no : S03-200W Solar panel : Polysilicon 6V/50W Battery : LiFePO4 3.2V 50AH/10pcs Chip source : SANAN2835, 406pcs CCT:6500-7000K Total lumen:3500LM Material : Aluminium+glass IP rating : IP65 Charge time : 4-6H Working time : 12-15hrs, 1-2rainy days Lighting area : 200m ² Control mode : time control and light control CTN/PCS : 1PCS/CTN Outer carton size : 48.5*15.5*68.5CM Lampbody size : 232*90*510mm Solar panel size : 444*17*670mm	8	Assy.		
A.7	PAINTING WORKS				
	PERIMETER FENCE, TEST LINE BOX AND PUMPHOUSE REPAINTING (INCLUDING INTERIOR & EXTERIOR WALLS, LOGO & SIGNAGE, ROOFING, GUTTER, CEILING & SLAB)				
C.4.1	Furnishing and Application of Masonry Putty	3	Gal		
C.4.2	Furnishing and Application of Acrylic Latex Paint Primer	20	Gal		



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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
C.4.3	<i>Furnishing and Application of Acrylic Semi Gloss Paint</i>	20	Gal		
C.4.4	<i>Furnishing and Application of Acrylic Gloss Roof Paint</i>	4	Gal		
RAZOR WIRE SUPPORT, DISTRIBUTION PIPELINE AND GENSET SHED FRAME PAINTING					
C.4.5	<i>Furnishing and Application of Epoxy Primer Gray</i>	3	Gal.		
C.4.6	<i>Furnishing and Application of Epoxy Enamel Paint</i>	3	Gal.		
TRANSFORMER BARRIER AT PS NO. 06					
B.1	DEMOLITION				
B.1.1	<i>Demolition of Existing Transformer House</i>	1	Lot		
B.2	EXCAVATION				
B.2.1	<i>Excavation of Footings</i>	3	Cu.m.		
B.3	GRAVEL BEDDING				
B.3.1	<i>Furnishing and Gravel Bedding of Slab and Footings</i>	2	Cu.m.		
B.4	REBARWORKS				
B.4.1	<i>Furnishing and Installation of Reinforced Footing and Pedestal with 12mm dia. Bars</i>	122	Kgs.		
B.4.2	<i>Furnishing and Installation of Slab and CHB Reinforcements with 10mm dia. Bars</i>	48	Kgs.		
B.5	CONCRETE WORKS				



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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
B.5.1	Concreting of Slab, Footings and Pedestals (Class A Mixture)	3	Cu.m.		
B.6	MASONRY WORKS				
B.6.1	Furnishing and Installation of 4" CHB for slab enclosure	128	Nos.		
B.6.2	Furnishing and Plastering of 4" CHB for slab enclosure	10	Sq.m.		
B.7	STEEL FRAMING & MATTING				
B.7.1	Furnishing and Installation of 3" dia. Sch. 40 GI Pipe x 6m	2	Length		
B.7.2	Furnishing and Installation of 1/2" dia. Sch. 40 GI Pipe x 6m	9	Length		
B.7.3	Furnishing and Installation of Steel Matting 1.2m x 2.4m x 12mm thk	5	Sheet		
B.7.4	Furnishing and Installation of Fabricated Steel Gate Bolt with Padlock	1	Nos.		
B.7.5	Furnishing and Relocation of MDP and Installation of Rib type canopy	1	Nos.		
B.8	PAINTING WORKS				
B.8.1	Furnishing and Application of Epoxy Primer Gray	3	Gal.		



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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
B.8.2	<i>Furnishing and Application of Epoxy Enamel Paint</i>	3	Gal.		
Total Project Cost					

Note:

PLEASE REFER TO APPROVED PLAN FOR FURTHER DETAILS

Submitted by _____ : _____ Date: _____
Name of representative of Bidder _____ : _____
Position: _____ : _____
Name of Bidder _____ : _____