



Republic of the Philippines
GENERAL SANTOS CITY WATER DISTRICT
 E. Fernandez St., Brgy. Lagao, General Santos City
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Project: **PROPOSED CONSTRUCTION OF PUMPHOUSE, GENSET SHED, & PERIMETER FENCE**
 Location: **PUROK 6, BRGY. CONEL, GSC**
 Owner: **GENERAL SANTOS CITY WATER DISTRICT**
 Subject: **BILL OF QUANTITIES**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
A.	MOBILIZATION	1.00	l.s.		-
B.	PUMPHOUSE	-	-		-
B.1	EARTHWORKS	-	-		-
a.	Earth Excavation	18.00	cu.m.		-
b.	Gravel Bedding	5.70	cu.m.		-
c.	Backfilling and Compaction	7.60	cu.m.		-
B.2	CONCRETE WORKS				
a.	Concrete Works with Compressive strength of 3000psi @ 28 days	7.22	cu.m		-
B.3	MASONRY WORKS				-
a.	Furnishing and Installation of 4" machine made CHB (500psi Compressive Strength) including reinforcement, plastered both sides, smooth finished	76.45	sq.m.		
b.	Furnishing and Installation of 6" machine made CHB (500psi Compressive Strength) including reinforcement, plastered both sides, smooth finished	22.23	sq.m.		
B.4	ROOFING WORKS				-
a.	STEEL TRUSS	1.00	lot		
b.	Furnishing and Installation of Rib-Type Long Span Pre-painted Roofing, 0.40mm thk x 1.05 effective width, including cee purlins and other accessories.	21.00	l.m.		
c.	Furnishing and Installation of Pre-formed pre-painted gutter, 0.60mm thk , including its accessories.	5.10	l.m.		
d.	Furnishing and Installation of Pre-formed pre-painted end flushing, 0.60mm thk , including its accessories.	1.00	lot		
B.5	CEILING WORKS				-
a.	Furnishing and Installation of Ceiling, 4.5mm thk. Fiber Cement Board, paint finished including its metal furring ceiling frames refer to approved plan.	22.19	sq.m.		

B.6	DOORS & WINDOWS				-
a.	DOORS				
	Furnishing and Installation of 40mm thk. Hollow core flush door type and 50 x 150mm door jamb with 6mm marine plywood both sides including door knobs, hinges and its accessories.	2.00	sets		
b.	WINDOW				
	Furnishing and Installation of 1.2m x 1.6m sliding window in powder coated finished aluminum frame with 6mm thk tempered glass panel including its accessories.	1.00	set		
c.	WINDOW				
	Furnishing and Installation of 0.5m x 1.65m fixed window in powder coated finished aluminum frame with 6mm thk tempered glass panel including its accessories.	1.00	set		
B.7	PLUMBING WORKS				-
a.	Furnishing and Installation of Plumbing Materials in accordance with the approved plan.	24.00	l.m.		
B.8	ELECTRICAL WORKS				-
a.	Furnishing and Installation of duplex convenience outlet including wires and other accessories.	3.00	sets		
b.	Furnishing and Installation of lighting outlet, 25 watts led lamp including its switches, wires and other accessories.	2.00	set		
c.	Construction of electrical service entrance concrete post including its components such as RSC, entrance cap, electrical conduit pipe, secondary rack, and other accessories.	1.00	lot		
d.	Furnishing and Installation of rough-in conduits including 2mm thk x 0.30m x 0.30m x 2.40m GI sheet electrical gutter box.	1.00	lot		
e.	Furnishing and Installation of 8 branches panel board including its circuit breakers refer to approved electrical plan.	1.00	lot		
f.	other miscellaneous items to complete the installation of electrical works	1.00	lot		
B.9	PAINTING WORKS	227.64	sq.m.		-
B.10	PIPING APPURTENANCES				

a.	Installation of 8"Ø electromagnetic digital flowmeter including its steel flanges, bolts and nuts (Flanges, bolts & nuts provide by contractor)	1.00	set		
b.	Installation of 8"Ø Epoxy Coated / Epoxy Line Steel Pipe including Bends, Tees, Flanges, bolts and nuts (Flanges, bolts & nuts provide by contractor)	1.00	set		
c.	Installation of 8"Ø gate valve including its steel flanges, bolts and nuts (Flanges, bolts & nuts provide by contractor)	2.00	sets		
d.	Installation of 8"Ø check valve including its steel flanges, bolts and nuts (Flanges, bolts & nuts provide by contractor)	1.00	set		
e.	Installation of 8"Ø Y-strainer including its steel flanges, bolts and nuts (Flanges, bolts & nuts provide by contractor)	1.00	set		
f.	Installation of 8"Ø sleeve type coupling with harness set including its steel flanges, bolts and nuts (Flanges, bolts & nuts provide by contractor)	1.00	set		
g.	Furnishing and Installation of 2"Ø brass gate valve including 2"Ø air release valve and including its accessories	1.00	set		
h.	Furnishing and installation of 1" G.I. France Coupling for 4"Ø pressure gauge, maximum reading of 160 psi including its accessories.	1.00	set		
i.	Furnishing and installation of 1" G.I. France Coupling for chlorine booster pump 1hp 220v 1 phase including its accessories.	2.00	sets		
j.	Installation of 1" G.I. France Coupling for chlorine regulator 50ppd, and 1" G.I. France Coupling for chlorine ejector 50ppd including its accessories.	2.00	sets		
k.	Construction of concrete test line box (refer to approved plan)	1.00	lot		
l.	Furnishing and installation of 25mm thk. x 600mm O.D. sole plate assembly , including its deep well reinforced concrete base including anchor bolts (please refer to approved plan)	1.00	lot		
m.	Construction of concrete pipe support (refer to approved plan)	1.00	lot		
B.11	FORMWORKS & SCAFFOLDING	1.00	lot		

C.	GENSET SHED	-	-		-
C.1	EARTHWORKS	-	-		-
a.	Earth Excavation	7.25	cu.m.		-
b.	Graveling	6.50	cu.m.		-
c.	Backfilling and Compaction	16.80	cu.m.		-
C.2	CONCRETE WORKS				-
a.	Concrete Works with Compressive strength of 3000psi @ 28 days	10.59	cu.m		-
C.3	MASONRY WORKS				-
a.	Furnishing and Installation of 4" CHB including reinforcement, plastered 1 side, smooth finished	25.64	sq.m.		-
C.4	ROOFING WORKS				-
a.	STEEL TRUSS	1.00	lot		-
b.	Furnishing and Installation of Rib-Type Long Span Pre-painted Roofing, 0.40mm thk x 1.05 effective width, including cee purlins and other accessories.	56.96	l.m.		-
c.	Furnishing and Installation of Pre-formed pre-painted pre-formed G.I. ridge roll, 0.60mm thk , including its accessories.	8.00	l.m.		-
C.5	STEEL WORKS				-
a.	Furnishing and Installation of 3"Ø G.I. Steel Column, 4mm thk. Steel matting, and other accessories	1.00	lot		-
C.6	ELECTRICAL WORKS				-
a.	Furnishing and Installation of duplex convenience outlet including wires and other accessories.	1.00	set		-
b.	Furnishing and Installation of lighting outlet, 25 watts led lamp including its switches, wires and other accessories.	4.00	sets		-
c.	other miscellaneous items to complete the installation of electrical works	1.00	lot		-
C.7	PAINTING WORKS	110.98	sq.m.		-
C.8	FORMWORKS & SCAFFOLDING	1.00	lot		-
D.	PERIMETER FENCE	-	-		-
D.1	EARTHWORKS	-	-		-
a.	Earth Excavation	86.70	cu.m.		-
b.	Graveling	10.10	cu.m.		-
c.	Backfilling and Compaction	69.50	cu.m.		-
D.2	CONCRETE WORKS				-
a.	Concrete Works with Compressive strength of 3000psi @ 28 days	23.65	cu.m		-
D.3	MASONRY WORKS				-

a.	Furnishing and Installation of 4" CHB including reinforcement, plastered and rough finished	393.96	sq.m.		
D.4	STEEL WORKS				-
a.	Furnishing and Installation of 5-lined barbed wire including its fabricated steel bracket	1.00	lot		
b.	Furnishing and Installation of steel gate (1.80m in height x 6.50m in length) including its accessories.	1.00	lot		
c.	Furnishing and Installation of 4mm thk. Steel matting including tubular frames and its accessories.	1.00	lot		
D.5	ELECTRICAL WORKS				-
a.	Furnishing and installation of 200 watts solar street light including its pole and brackets, please refer to approved plan	12.00	sets		
D.6	PAINTING WORKS				-
a.	Painting of Steel gate including its framings.	23.40	sq.m.		
b.	Painting of Steel Matting, Frames, Masonry and Concrete works	221.45	sq.m.		
D.7	FORMWORKS & SCAFFOLDING	1.00	lot		-
E.	SPECIAL ITEMS	-	-		-
E.1	Project Signboard	1.00	set		-
E.2	COA Project Signboard	1.00	set		
E.3	Occupational Safety and Health Program	1.00	L.S.		-
F.	DEMOBILIZATION	1.00	L.S.		-
	TOTAL PROJECT COST				-

Submitted by

Date: _____

Name of representative of Bic : _____

Position: _____

Name of Bidder _____

Issued on : 02/22/2022