



Republic of the Philippines
GENERAL SANTOS CITY WATER DISTRICT
 E. Fernandez St., Brgy. Lagao, General Santos City
 Telephone No.: 552-3824; Telefax No.: 553-4960
 Email Address: gscwaterdistrict@yahoo.com

Project: **CONSTRUCTION OF PUMPHOUSE AND GENSET SHED**
 Location: **LOT 965-G-1, BRGY. MABUHAY GENERAL SANTOS CITY**
 Owner: **GENERAL SANTOS CITY WATER DISTRICT**
 Subject: **BILL OF QUANTITIES**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
A.	MOBILIZATION	1	l.s.		-
B.	PUMPHOUSE				-
B.1	EARTHWORKS				-
B.1.1	EXCAVATION				
a.	EARTH EXCAVATION	17	cu.m.		-
B.1.2	GRAVEL BEDDING				
a.	GRAVEL BEDDING	4	cu.m.		
B.1.3	BACKFILLING & COMPACTION				
a.	BACKFILLING AND COMPACTION	8	cu.m.		
B.2	CONCRETE WORKS				
a.	STRUCTURAL CONCRETE (CLASS A) CONCRETE WORKS WITH COMPRESSIVE STRENGTH of 3000psi @ 28 DAYS	7	cu.m.		-
b.	REINFORCING STEEL (DEFORMED)	450	kgs		
c.	FORMWORKS & SCAFFOLDING	1	l.s.		
B.3	MASONRY WORKS				-
a.	FURNISHING AND INSTALLATION OF 4" CHB INCLUDING REINFORCEMENT AND CONCRETE LOUVER BLOCKS	53	sq.m.		
B.4	FABRICATED MATERIALS				-
a.	FLUSH DOOR 40mm thk. HOLLOW CORE FLUSH DOOR TYPE IN 50 x 150 KD DOOR JAMB WITH 6mm thk. MARINE PLYWOOD DOUBLE FACING PAINT FINISH WITH COMPLETE ACCESSORIES	2	sets		
b.	SLIDING WINDOW TYPE (W-1) FURNISHING AND INSTALLATION OF SLIDING WINDOW TYPE IN POWDER COATED ALUMINUM FRAME W/ 6MM THK. TINTED GLASS PANEL W/ COMPLETE ACCESSORIES	1	set		
B.5	FINISHING WORKS				-
a.	CEMENT PLASTER FINISH	52	sq.m.		
b.	CEILING WORKS FURNISHING AND INSTALLATION OF CEILING, 3.5MM THK. FIBER CEMENT BOARD, PAINT FINISHED INCLUDING ITS METAL FURRING CEILING FRAMES, REFER TO APPROVED PLAN.	37	sq.m.		
c.	FASCIA BOARD FURNISHING AND INSTALLATION OF 12MM THK. FIBER CEMENT FASCIA BOARD	9	sq.m.		
B.6	STEEL FRAMING AND ROOFING WORKS				-



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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
	ROOFING WORKS				
a.	FURNISHING AND INSTALLATION OF RIB-TYPE LONG SPAN PRE-PAINTED ROOFING, 0.40MM THK X 1.05 EFFECTIVE WIDTH	40	l.m.		
b.	STRUCTURAL STEEL (TRUSSES)	243	kgs		
c.	STRUCTURAL STEEL (PURLINS)	163	kgs		
d.	ROOFING ACCESSORY (GUTTER, 0.60mm thk) FURNISHING AND INSTALLATION OF PRE-FORMED PREPAINTED GUTTER, 0.60MM THK., INCLUDING ACCESSORIES	14	l.m.		
e.	ROOFING ACCESSORY (PREFORMED PREPAINTED G.I. END FLASHING, 0.60MM THK)	12	l.m.		
f.	METAL STRUCTURE ACCESSORIES (RIDGE ROLL)	7	l.m.		
g.	METAL STRUCTURE ACCESSORIES (FASCIA FRAME)	80	kgs		
h.	METAL STRUCTURE ACCESSORIES (STEEL PLATES)	28	kgs		
B.7	PLUMBING WORKS				
a.	75mmØ PVC DOWNSPOUTS	1	l.s.		
b.	CATCH BASIN (CONCRETE/CHB)	1	l.s.		
c.	SEWER LINE WORKS	12	l.m.		
B.8	ELECTRICAL WORKS				
a.	ELECTRICAL CONDUIT, BOXES & FITTINGS FURNISHING AND INSTALLATION OF DUPLEX CONVENIENCE OUTLET INCLUDING WIRES AND OTHER ACCESSORIES.	1	l.s.		
b.	LIGHTING FIXTURES AND LAMPS FURNISHING AND INSTALLATION OF LIGHTING FIXTURES AND LAMPS	1	l.s.		
c.	PANEL BOARD AND MAIN BREAKERS FURNISHING AND INSTALLATION OF PANEL BOARD AND MAIN BREAKERS	1	l.s.		
d.	ROUGH-IN, ELECTRICAL GUTTER BOX FURNISHING AND INSTALLATION OF ROUGH-IN CONDUITS INCLUDING 2mm THK. X 0.30M X 0.30M X 2.40M G.I. SHEET ELECTRICAL GUTTER BOX	1	l.s.		



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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
e.	CONSTRUCTION OF ELECTRICAL SERVICE ENTRANCE REINFORCED CONCRETE POST INCLUDING FURNISHING AND INSTALLATION OF ITS COMPONENTS SUCH AS RSC, ENTRANCE CAP, ELECTRICAL CONDUIT PIPE, SECONDARY RACK, AND OTHER ACCESSORIES	1	l.s.		
f.	ELECTRICAL (MISC) OTHER MISCELLANEOUS ITEMS TO COMPLETE THE INSTALLATION OF ELECTRICAL WORKS	1	l.s.		
B.9	PAINTING WORKS				
a.	PAINTING WORKS (MASONRY/CONCRETE)	104	sq.m.		
b.	PAINTING WORKS (WOOD)	45	sq.m.		
c.	PAINTING WORKS (STEEL)	40	sq.m.		
B.10	PIPING APPURTENANCES				
a.	INSTALLATION OF 8"Ø ELECTROMAGNETIC DIGITAL FLOWMETER INCLUDING ITS STEEL FLANGES, BOLTS, NUTS AND WASHERS (FLANGES, BOLTS, NUTS AND WASHERS PROVIDE BY CONTRACTOR)	1	set		
b.	INSTALLATION OF 8"Ø EPOXY COATED/EPOXY LINE STEEL PIPE INCLUDING ITS STEEL FLANGES, BOLTS, NUTS & WASHERS (FLANGES, BOLTS, NUTS AND WASHERS PROVIDE BY CONTRACTOR)	1	set		
c.	INSTALLATION OF 8"Ø GATE VALVE INCLUDING ITS STEEL FLANGES, BOLTS, NUTS AND WASHERS (FLANGES, BOLTS, NUTS AND WASHERS PROVIDE BY CONTRACTOR)	2	sets		
d.	INSTALLATION OF 8"Ø CHECK VALVE INCLUDING ITS STEEL FLANGES, BOLTS, NUTS AND WASHERS (FLANGES, BOLTS, NUTS AND WASHERS PROVIDE BY CONTRACTOR)	1	set		
e.	INSTALLATION OF 8"Ø Y-STRAINER INCLUDING ITS STEEL FLANGES, BOLTS, NUTS AND WASHERS (FLANGES, BOLTS, NUTS AND WASHERS PROVIDE BY CONTRACTOR)	1	set		
f.	INSTALLATION OF 8"Ø SLEEVE TYPE COUPLING WITH HARNESS SET INCLUDING ITS STEEL FLANGES, BOLTS, NUTS AND WASHERS (FLANGES, BOLTS, NUTS AND WASHERS PROVIDE BY CONTRACTOR)	1	set		



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g.	INSTALLATION OF 2"Ø BRASS GATE VALVE INCLUDING 2"Ø AIR RELEASE VALVE AND ITS ACCESSORIES	1	set		
h.	FURNISHING AND INSTALLATION OF 1" G.I. FRANCE COUPLING FOR 4"Ø PRESSURE GAUGE	1	set		
i.	FURNISHING AND INSTALLATION OF 1" G.I. FRANCE COUPLING FOR CHLORINE BOOSTER PUMP 1hp 220v 1 PHASE INCLUDING ITS ACCESSORIES	2	sets		
j.	FURNISHING AND INSTALLATION OF 1" G.I. FRANCE COUPLING CHLORINE REGULATOR 50 PPD, CHLORINE EJECTOR 50 PPD INCLUDING ITS ACCESSORIES	2	sets		
k.	CONSTRUCTION OF CONCRETE TEST LINE BOX (REFER TO APPROVED PLAN)	1	l.s.		
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	l.s.		
m.	CONSTRUCTION OF CONCRETE PIPE SUPPORT (REFER TO APPROVED PLAN)	1	l.s.		
C.	GENSET SHED				
C.1	EARTHWORKS				
a.	EARTH EXCAVATION	12	cu.m.		-
b.	GRAVEL BEDDING	5	cu.m.		-
c.	BACKFILLING AND COMPACTION	24	cu.m.		-
C.2	CONCRETE WORKS				
a.	STRUCTURAL CONCRETE (CLASS A) CONCRETE WORKS WITH COMPRESSIVE STRENGTH OF 3000PSI @ 28 DAYS	10	cu.m.		



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b.	REINFORCING STEEL (DEFORMED)	424	kgs		
c.	FORMWORKS & SCAFFOLDING	1	l.s.		
C.3	MASONRY WORKS				-
a.	MASONRY WORKS (CONCRETE HOLLOW BLOCKS)	28	sq.m.		
C.4	FINISHING WORKS				-
a.	CEMENT PLASTER FINISH	28	sq.m.		
C.5	STEEL FRAMING AND ROOFING WORKS				-
	ROOFING WORKS				
a.	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.	57	l.m.		
b.	STRUCTURAL STEEL (TRUSSES)	305	kgs		
c.	STRUCTURAL STEEL (PURLINS)	162	kgs		
d.	ROOFING MISC (SEALANT, BODY FILLER, ETC.)	10	l.m.		
e.	METAL STRUCTURE ACCESSORIES (BUILT-UP GIRT)	179	kgs		
f.	METAL STRUCTURE ACCESSORIES (G.I. PIPE COLUMN)	3	len		
g.	METAL STRUCTURE ACCESSORIES (STEEL PLATE SUPPORT, GUSSET)	85	kgs		
h.	HARDWARE (ANCHOR BOLT, NUT & WASHER)	24	ea		
C.6	ELECTRICAL WORKS				-
a.	FURNISHING AND INSTALLATION OF LIGHTING OUTLET, 25 WATTS LED LAMP INCLUDING ITS SWITCHES, WIRES AND OTHER ACCESSORIES.	1	l.s.		
b.	OTHER MISCELLANEOUS ITEMS TO COMPLETE THE INSTALLATION OF ELECTRICAL WORKS	1	l.s.		
C.7	PAINTING WORKS				-
a.	PAINTING WORKS	37	sq.m.		
D.	SPECIAL ITEM				
D.1	PROJECT SIGNBOARD	1	set		-
D.2	COA PROJECT SIGNBOARD	1	set		-
D.3	ENGINEER'S FIELD OFFICE ("PAYAG")	1	l.s.		-
D.4	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	1	l.s.		-



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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
E.	DEMOBILIZATION	1	l.s.		-
	TOTAL PROJECT COST				-

Submitted by

Date: _____

Name of representative of Bi: _____

Position: _____

Name of Bidder _____

Issued on : 01/11/2021