



Republic of the Philippines
Department of Education
Region XI
SCHOOLS DIVISION OF DIGOS CITY
Digos City



To: TO ALL INTERESTED BIDDERS

From: BIDS AND AWARDS COMMITTEE

**Subject: BID BULLETIN FOR DISTRIBUTION LINE INCLUDING TRANSFORMER
INSTALLATION AT SHS STAND ALONE IN DIGOS CITY
(Correction on the Date of Bid Opening and in some items in POW)**


Dated: September 1, 2021

Please be informed of the following corrigendum:

Amendment 1	<p>“Bid opening shall be on September 8, 2021 at 9:00AM at Digos City Division Office, Roxas St corner Lopez Jaena St., Digos City. Bids will be opened in the presence of the bidders’ representatives who choose to attend the activity through an online platform”</p> <p>Shall be changed to</p> <p>“Bid opening shall be on September 9, 2021 at 9:00AM at Digos City Division Office, Roxas St corner Lopez Jaena St., Digos City. Bids will be opened in the presence of the bidders’ representatives who choose to attend the activity through an online platform”</p>
Amendment 2	<p>Program of Works (POW) shall be replaced with the updated version specifically in the items enumerated in Distribution Line (Primary Line) and Concrete Steel Material</p>

This bid bulletin is issued to amend some provisions and correction of necessary information stipulated in the Bidding Documents of Project No. 21-08-074: **DISTRIBUTION LINE INCLUDING TRANSFORMER INSTALLATION AT SHS STAND ALONE IN DIGOS CITY** posted in PhilGEPS on August 19, 2021.

For your information and guidance.


BASILIO T. MANA-AY, JR., EdD
BAC Chairperson



**PROGRAM OF WORKS
 DETAILED COST ESTIMATE**

PROJECT : Construction of Distribution Line including Transformer Installation
 SCHOOL : Senior HS Stand Alone
 LOCATION : Brgy. Igpit, Digos City
 OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
GENERAL REQUIREMENTS								
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00	-	-	-	-	-
	Project Billboard	lot	1.00					
	Safety and Health	lot	1.00	-	-	-	-	-
	Fire Safety Inspection Certificate (FSIC)	lot	1.00		-	-	-	-
	Bill Deposit (3 units 167 KVA transformer)	lot	1.00					
	Other Permit Fee	lot	1.00					
	Sub-total							-
Distribution Line (Primary Line)								
	Anchor , Expanding, 12,000 Lbs. 8 Way, Galv. Steel 10" dia., for 3/4" Rod	pc.	16.00					
	Attachment , Guy ,Malleable Type with 11/16" Hole Diameter	pc.	2.00					
	Bolt, Double Arming, 5/8" x 22"	pc.	50.00					
	Bolt, Double Arming, 5/8" x 24"	pc.	9.00					
	Bolt, Double Upset, 5/8" x 10"	pc.	24.00					
	Bolt , Oval Eye, 5/8" x 10"	pc.	40.00					
	Bolt , Oval Eye, 5/8" x 12"	pc.	15.00					
	Bolt , Oval Eye, 5/8" x 18"	pc.	8.00					
	Bolt, Machine, 1/2" x 6"	pc.	128.00					
	Bolt, Machine, 1/2" x 10"	pc.	22.00					
	Bolt, Machine, 1/2" x 12"	pc.	9.00					
	Bolt , Machine , 5/8" x 10"	pc.	31.00					
	Bolt , Machine , 5/8" x 12"	pc.	35.00					
	Bolt , Machine , 5/8" x 14"	pc.	1.00					
	Bolt , Machine , 5/8" x 16"	pc.	33.00					
	Bolt, Single Upset, 5/8" x 10"	pc.	1.00					
	Bolt, Single Upset, 5/8" x 12"	pc.	1.00					
	Brace, Crossarm, 60"-18" Drop	pairs	56.00					
	Brace, Sidearm, Diagonal, 7 feet	pc.	8.00					
	Bracket, Clevis Deadend Without Spool	pc.	3.00					
	Clamp, Hotline, #2-#4/0 ACSR Main to # 2-#4/0	pc.	29.00					
	Clamp, Anchor Rod Bonding, Single Eye	pc.	21.00					
	Clamp, Loop Deadend , # 6- # 2/0 ACSR	pc.	28.00					
	Clamp, Deadend Strain, # 2 ACSR	pc.	47.00					
	Clamp, Guy Straight, 3 Bolt, Heavy Duty Steel	pc.	23.00					
	Guy, Deadend Grip, 3/8	pc.	23.00					
	Deadend Grip, Service, Preformed, For #6 ACSR	pc.	74.00					
	Clevis , Secondary Swinging without Spool	pc.	29.00					
	Clevis, Service, Swinging without Spool	pc.	74.00					
	Shackle, Anchor, Forged Steel, Galvanized	pc.	8.00					
	Conductor, 23kV Insulated, Tree Wire, ACSE/AW-TR/OC-SB #2, AWG 6/1	m.	6,452.00					
	Conductor, Duplex, #1/0, AWG 6/1	m.	2,243.00					
	Connector, Compression, #6 - #4 ACSR Run to #14	pc.	148.00					
	Connector , Compression, YHO 150.# 3-# 1/0 ACSR Run to #6- #2	pc.	150.00					
	Connector, Ground Rod (Clamp) for 5/8" Steel Rod	pc.	9.00					
	Pin, Crossarm, Steel 5/8 x 13-3/4"	pc.	153.00					
	Cutout and ARRESTER Combination, Porcelain	sets	3.00					
	Hook, Guy	pc.	42.00					
	Insulator, Pin Type Porcelain, ANSI, Class 55-5	pc.	160.00					
	Insulator , Spool, 1-3/8", ANSI, Class 53-1	pc.	74.00					
	Insulator, Spool, 3", ANSI, Class 53-4	pc.	109.00					
	Insulator, Suspension, 6", Porcelain, ANSI Class, 52-1	pc.	94.00					
	Link, Fuse, Universal, Bottom Headm Type K, 6Amperes	pc.	9.00					
	Nut, Eye, 5/8", Conventional	pc.	78.00					
	Nut, Lock, Mf Type, 3/8"	pc.	40.00					
	Nut, Lock, Mf Type, 1/2"	pc.	159.00					
	Nut, Lock, Mf Type, 5/8"	pc.	383.00					
	Pin, Crossarm, Clamp Type, 1" Thread Diameter	pc.	18.00					
	Pin, Pole Top, Channel 1" Thread, 24" Long	pc.	4.00					
	Rod, Anchor, Threaded, Single Eye, 5/8" x 7"	pc.	16.00					
	Rod, Armor, Preformed, #1/0 ACSR, Single Support	sets	32.00					
	Rod, Ground Steel, Galvanized, 5/8" x 10"	pc.	9.00					
	Electrical Tape	roll	5.00					
	Washer, Square, Flat, 2-1/4" x 2-1/4" x 3/16", 13/16" Diameter Hole	pc.	385.00					
	Washer, Round, 1-3/8" Diameter with 9/16" Diameter Hole	pc.	107.00					
	Wire, Tie, Aluminum Alloy, Soft, #4 AWG	ft.	400.00					
	Wire, Tie, Insulated, Soft, #4 AWG	ft.	100.00					
	Wire, Tape, Armor, Aluminum Alloy, 0.5" x 0.3"	ft.	36.00					
	Wire, Grounding Aluminum Alloy, 3 strand, # 4 AWG	ft.	484.00					
	Wire, Guy, Steel, 3/8", 7 Strand	ft.	1,190.00					
	Sub-total							

	Concrete Steel Material								
	Pole, Concrete, 9X250	pcs	2.00						
	Pole, Concrete, 12X250	pcs	28.00						
	Pole, Steel, 40 (3.0mm)	pcs	1.00						
	Pole, Concrete, 14x500	pcs	6.00						
	Cross arm Steel, 3" x 4" x 10 ft	pcs	72.00						
	Sub-total								
	Overhead Feeder Line								
	Pole, Steel, 30 feet	pcs	17.00						
	Secondary Rack, 3 Spool	pcs	26.00						
	Bolt, Machine, 1/2" x 8"	pcs	52.00						
	Washer, Square, 2 x 2 x 3/16 with 9/16" hole	pcs	52.00						
	Twin bolt, #250 mm2	pcs	30.00						
	Anchor , Expanding, 10" dia., 12,000 Lbs.	pcs	6.00						
	Rod, Anchor, Threaded, Single Eye, 5/8" x 7'	pcs	6.00						
	Attachment , Guy ,Malleable Type with 11/16" Hole Diameter	pcs	6.00						
	Bolt, Machine, 5/8 x 10	pcs	6.00						
	Washer, square, 2 1/4 x 2 1/4 x 3/16 with 11/16 hole	pcs	36.00						
	Deadend, Guy Grip preformed, 7 Strand	pcs	12.00						
	Clamp, Anchor Rod Bonding, Single Eye	pcs	6.00						
	Wire, copper 250 mm2, THW	meter	1,900.00						
	Conductor, Solid, AWG #6, AAC	meter	90.00						
	Entrance Cap, #3" Diameter	pcs	6.00						
	RSC Pipe #3" Diameter	inght	12.00						
	Pole, Bond, RL 8"-9"	pcs	10.00						
	Manual transfer switch (MTS) with 4-Braches	unit	1.00						
	Circuit Breaker, 1,500 amps, 3 phase, 240 volts	pcs	2.00						
	Circuit Breaker, 800 amps, 3 phase, 240 volts	pcs	1.00						
	Circuit Breaker, 600 amps, 3 phase, 240 volts	pcs	1.00						
	Circuit Breaker, 300 amps, 3 phase, 240 volts	pcs	2.00						
	Sub-total								
	Distribution Transformer, 167 kVA	pcs	3.00						
	Cut-out and Arrester combination, 100 Amperes	sets	3.00						
	Fuselink, 30 Amps	pcs.	9.00						
	Hotline Clamp	pcs.	3.00						
	Sub-total								
	Construction of Power House								
	Structure Excavation	cu.m.	9.81						
	Selct Fill	cu.m.	9.00						
2.00	Concreting								
	Column Footing	cu.m.	2.30						
2.02	Portland Cement	bag	21.00						
2.04	Washed sand	cu.m.	1.50						
2.05	Crushed gravel1" ϕ	cu.m.	3.00						
	Column	cu.m.	3.48						
2.02	Portland Cement	bag	31.00						
2.04	Washed sand	cu.m.	2.00						
2.05	Crushed gravel 3/4" ϕ	cu.m.	3.50						
	Tie Beam	cu.m.	0.75						
2.02	Portland Cement	bag	6.00						
2.04	Washed sand	cu.m.	0.50						
2.05	Crushed gravel 3/4" ϕ	cu.m.	1.00						
	Beam	cu.m.	0.75						
2.02	Portland Cement	bag	6.00						
2.04	Washed sand	cu.m.	0.50						
2.05	Crushed gravel 3/4" ϕ	cu.m.	1.00						
	Flooring	cu.m.	0.60						
2.02	Portland Cement	bag	5.00						
2.04	Washed Sand	cu.m.	0.50						
2.0500	Crushed gravel1" ϕ	cu.m.	1.00						
	Suspended Slab	cu.m.	1.20						
2.02	Portland Cement	bag	10.00						
2.04	Washed sand	cu.m.	1.00						
2.0500	Crushed gravel 3/4" ϕ	cu.m.	1.50						
	Rebar Works								
	Column Footing	kg.	94.74						
	Column	kg.	426.96						
	Tie Beam	kg.	157.10						
	Beam	kg.	157.10						
	Flooring	kg.	42.62						
	Slab	kg.	85.25						
3.05	Deformed Round bars Grade 40	kg.	963.77						
3.1200	G.I. Tie Wire	kg	10.00						
4.0000	Formworks								
	Tie Beam	sq.m	11.00						
4.0100	Coco Lumber	bd.ft	78.67						
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	5.00						
4.0400	CWN, Assorted	kg	2.00						
	Column	sq.m	42.88						
4.0100	Coco Lumber	bd.ft	192.00						
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	20.00						
4.0400	CWN, Assorted	kg	4.00						
	Beams	sq.m	11.00						
4.0100	Coco Lumber	bd.ft	145.34						
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	5.00						

4.0400	CWN, Assorted	kg	3.00				
	Slab	sq.m.	6.00				
4.0100	Coco Lumber	bd.ft	152.65				
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	5.00				
4.0400	CWN, Assorted	kg	2.00				
5.0000	Masonry Works						
	Masonry Wall	sq.m	22.50				
5.0200	CHB 4" thk	pc	220.00				
2.0200	Portland Cement	bag	9.00				
2.0500	Washed Sand	cu.m	1.00				
5.0400	10mm x 6m RSB	kg	59.14				
3.1200	G.I. Tie Wire	kg	2.00				
	Plastering	sq.m	32.50				
2.0200	Portland Cement	bag	4.00				
2.0500	Washed Sand	cu.m	1.00				
	Steel Works						
	Channel Bar 2"x4"x3/8", 20'	pc.	2.00				
	Door						
	1 1/2" G.I.Pipe sched 20	pc	2.00				
	steel matting	pc	1.00				
	SUB TOTAL						
I. Direct Cost							
II. Indirect Cost 17% (I-General Requirement)							
III. Tax 5% (I+II)							
IV TOTAL PROJECT COST							

Prepared by:

Contractor



PROGRAM OF WORKS
BILL OF QUANTITIES

Elec 2020 -RXI-Digos City -001

School	Senior HS Stand Alone		Date:			
School I.D	341513		Budget Allocation:		Php 15,116, 169.00	
Region	: XI		Engineering and Administrative Overhead:		PHP 0.00	
Division	: Digos City		Approved Budget for the Contract:		PHP 15,116,169.00	
Project Title	:		Completion Period: 90 calendar days			
Construction of Distribution Line including Transformer Installation	:		Minimum Required Manpower:			
	:		Electrician	Laborer	Mason	
	:		Welder			
Location	Brgy. Igpit, Digos City		Minimum Required Equipment:			
:			Hand Tools	Welding Machine	Bar cutter	
:			Boom Truck	1 bagger mixer		
ITEM NO.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks
	I. DIRECT COST					
	GENERAL REQUIREMENTS		lot	1.00		
	Distribution Line		lot	1.00		
	Concrete Steel Material		lot	1.00		
	Overhead Feeder Line		lot	1.00		
	Construction of Power House		lot	1.00		
	Distribution Transformer		lot	1.00		
	Sub-Total					
	II. INDIRECT COST 17% of (I-Gen. Reqmnt)					
	Overhead Expenses (5%)					
	Contingencies (3%)					
	Miscellaneous (1%)					
	Contractor's Profit (8%)					
	Sub-Total					
	III. TAX 5% of (I+II)					
	Sub-Total					
	IV. TOTAL CONSTRUCTION COST (I + II + III)					

Prepared by:

 Contractor