

**IB NO. 2023-33 SUPPLY, DELIVERY AND INSTALLATION OF
TRANSFORMER, WIRES AND ACCESSORIES FOR
BENGUET AGRI-PINOY TRADING CENTER (BAPTC)
ABC: Php. 1,300,000.00**

**SECTION VII-
TECHNICAL
SPECIFICATIONS**

TECHNICAL SPECIFICATIONS

Item	Specifications	Statement of Compliance
		<p>[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</p> <p>NOTE: Once the bidder indicates COMPLY, it is understood all the items required per item are/ is complied with</p>
ONE LOT SUPPLY, DELIVERY AND INSTALLATION OF TRANSFORMER, WIRES AND ACCESSORIES FOR BAPTC		
I. Transformer Requirements		
1	Distribution Transformer, 37.5kva, 22.86/13.2kv 240/120v	
2	Electrical Plan	
3	Fee Sign and Seal/PRO	
4	Line Materials, Transformer and Metering Requirement	
5	Labor for installation	
A. Protective Devices		
1	Arrester, Lightning, 18kv	
2	Fuse, Cut-out, 100a, 23-27kv	
3	Fuse, Link, 3a	
B. Other Line Hardware		
1	Anchor, Expanding	
2	Bolt, Double Arming, 5/8 X'18"	
3	Bolt, Machine, 5/8 X 12"	
4	Bolt, Oval Eye, 5/8 X 10"	
5	Bolt, Oval Eye, 5/8 X 12"	
6	Bolt, Thimble Eye, 5/8 X 10"	
7	Bracket, Mounting, For Fco & La (27kv)	
8	Clamp, Deadend Strain, #2/0 - #4/0	
9	Clamp, Ground Rod, 5/8"	
10	Clamp, Guy, 3-bolt Hd	
11	Clamp, Hotline, #2/0	

12	Clevis, Secondary, Swinging	
13	Conductor, Acsr Bare, #2/7	
14	Conductor, Copper Bare, 22mm, #4/7	
15	Connector, Stirrup, 2/0-1/0 Awg	
16	Connector, U-bolt, #210 Loop Deadend	
17	Crossarm, Steel, 3" X 4" X 8'	
18	Fuse, Cut-out, 200a, 23-27kv	
19	Fuse, Link, 6a	
20	Insulator, Pin Type, 23-27kv, 56-2	
21	Insulator, Spool, 3"	
22	Insulator, Suspension, #10" Clevis Type, Polymer	
23	Nut, Lock, 5/8"	
24	Pin, Pole Top, 1 3/8 X 5/8, 23 Kv	
25	Plate, Pole Number	
26	Pole, Steel, 35ft 2-section	
27	Rod, Anchor, 5/8 X 7', Single Eye	
28	Rod, Grounding, 5/8 X 10' Galvanized	
29	Washer, Square, 2 1/4 X 2 1/4 X 3/16	
30	Wire, Grounding, #5/16, 3 Strands	
31	Wire, Guy, 3/8 X 7 Strand	
C.	Metering Requirements	
1	Bolt Machine, 1/2" X 12"	
2	Connector, Comp # Yho 100/Yho 1	
3	Connector, Comp # Yho 250 (Wr-379)	
4	Current Transformer Box, 3- holes	
5	Current Transformer, 100:5, 600V	
6	Electrical Tape	
7	Meter Box, 3 - phase, GA#18	
8	Meter seal, plastic	
9	RSC Coupling, 1"	
10	RSC Nipple, 1" X 10"	
11	RSC Pipe, 1" without coupling	
12	Rubber Tape, 3/4" X 9 Yards	
13	Straight Connector, 1"	
14	THHN Wire, #12/7, 3.5mm2, Black	
15	THHN Wire, #12/7, 3.5mm2, Green	

16	THHN Wire, #12/7, 3.5mm2, Red	
17	THHN Wire, #12/7, 3.5mm2, White	
18	Test Block, 10 points	
D.	KWHR Meter	
1	KWHM, Multifunction, 3P, 3W, with Ethernet	
II.	SERVICE ENTRANCE INSTALLATION	
1	Copper Wire, 80mm3, THHN	
2	Copper Wire, 30mm3, THHN	
3	PVC pipe, 2" Ø	
4	Fuse box	
5	RSC Clamp, 2"	
6	Solder less connector, 2/0	
7	Secondary rack, 3 pole	
8	Three bolt clamp	
9	Guy Wire, 3/8" (Messenger Wire)	
10	Oval eye bolt, 5/8x12	
11	Bolt clevis	
III.	Automatic Transfer Switch	
1	ATS, 225 Amp	
	XXXXXXXX	

Name of Bidder over Printed Name

Date