

**PANGASINAN I ELECTRIC COOPERATIVE (PANELCO I)**

San Jose, Bani, Pangasinan

CWDO No. 63928-502-7969 Telefax No. 6375-551-5564

Email: panelco\_one@yahoo.com Website: www.panelcoi.com.ph

ITB Ref No. 2021-021

**BIDS AND AWARDS COMMITTEE  
INVITATION TO BID**

The Pangasinan I Electric Cooperative (PANELCO I) thru its constituted Bids and Awards Committee invites interested dealers, contractors and suppliers to participate in the bidding for the following:

LOT NO.	PARTICULARS	Source of Funding	Price of Bid Documents (Non-Refundable)
2	KWH Meter Accessories for New Connection	RFSC	0
3	Service Drop Wire (Duplex # 6)	RFSC	0
6	Supply of Transformer Accessories for New Connection and Replacement	RFSC	0
7	Supply of Electrical Materials and Fuse Links	RFSC	0

**1. The schedule of bidding activities is as follows:**

Activities	Schedule
Posting of invitation to Bid	October 14, 2021
Deadline of Submission of Bids	October 21, 2021 12:00NN
Opening of Bids	October 21, 2021 1:00PM
Project Start and Delivery Period	The winning bidder shall start the Project within <b>seven (7) days</b> upon receipt of P.O and must delivered within 15 Days upon receipt of the NTP/P.O

**2. ELIGIBILITY REQUIREMENTS (For non-accredited suppliers only)**

- a. DTI business name registration or SEC Registration Certificate;
- b. Valid and current Mayor's permit/Municipal License;
- c. Tax Payer's Identification Number;
- d. BIR Value Added Tax Registration;
- e. Certification that the supplier/contractor is not black listed or banned from bidding by the government or any of its agencies and other private corporations or electric cooperative;
- f. PCAB License
- g. Compliance with Executive Order (EO) #398
  - ✓ Proof of Vat Payments for the past six months
  - ✓ Tax Clearance from the BIR
  - ✓ On-going, completed or awarded contract not yet stated within the relevant period specifying the following:
    - Name of Contract
    - Date of Contract
    - Amount of Contract and Value of Outstanding Contracts
    - Date of Delivery and
    - End-user's acceptance if completed

**3. Instructions**

- a) Bids must be duly received by the BAC Secretariat through email PDF Format/manual/courier submission at the office address indicated below on or before **October 21, 2021 12:00NN**
- b) Format of Bid Proposal is given (see attached form 8 and form 9)
- c) Read carefully the content of this invitation
- d) Late bids shall not be accepted.
- e) For further information, refer to;
  - Bids and Awards Committee
  - Bac Secretariat
  - +639561755001/ +639171442164 from 8:00AM to 5:00PM, Weekdays
  - Email: [bac.panelcoi@gmail.com](mailto:bac.panelcoi@gmail.com)

**4. Terms of Payment**

The Cooperative payments to Contractor shall be as follows:

- a. Payment of ninety percent (90%) of the contract price thirty (30) days after the delivery of the tools, materials, equipment and supplies;

b. Ten percent (10%) retention to be released upon issuance of Certificate of Acceptance

**5. Warranty**

a. Not less than one (1) year preferably with warranty certificate

b. Defective tools, materials, equipment and supplies should be returned for replacement and all cost necessary for replacement should be shouldered by the supplier

**6. Award Criteria**

PANELCO I will award the contract to the successful bidder whose bid has been determined as the lowest complying bid, provided further that the bidder is determined to be qualified to perform the Contract satisfactorily

**7. Technical Specifications**

(See attached for details)

**(SGD) NORGEL O. CALIXTRO**  
**BAC Chairperson**



**Pangasinan I Electric Cooperative (PANELCO I)**  
**San Jose, Bani, Pangasinan**

**Form #9: Bid**

Date : \_\_\_\_\_

To : Bids and Awards Committee  
Pangasinan I Electric Cooperative  
San Jose, Bani, Pangasinan

Gentlemen:

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to undertake the (name of project) \_\_\_\_\_ in conformity with the said Bid Documents for the amount as follows:

PhP (amount in Nos.) \_\_\_\_\_ (amount in words)

We undertake, if our bid is accepted, to commence within \_\_\_\_\_ days to be calculated from receipt of your Notification to Proceed.

We agree to abide by these bids for a period of \_\_\_\_\_ days from date fixed for submission of bid and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of awards shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest bid or any bid you may receive.

Dated this \_\_\_\_th day of\_\_\_\_, 2021

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(In capacity of )

Duly authorized to sign for bid and on behalf of \_\_\_\_\_ (Name of Company)

## LOT 2 Technical Specifications

Particulars	Units	Quantity
Bolt, Double arming, 5/8" X 22" , HDG	pc/s	15
Bolt, Machine 1/2" X 6", HDG	pc/s	40
Bolt, Machine 5/8" x 14", HDG	pc/s	13
Bolt, Machine 5/8" x 6", HDG	pc/s	36
Brace, Cross-Arm, 18" Drop 60" Span	pc/s	10
Brace, Cross-arm, Flat 28",Steel, HDG	pc/s	40
C.T. Box, 10: x 14" x 18"	pc/s	10
Clamp, Pole Mounting(10-11), Type CA	pc/s	43
Clamp, Pole Mounting(7-8), Type CA	pc/s	21
Connector, Compression, YHO 100	pc/s	6,796
Connector, Compression, YHO 150	pc/s	6,782
Crossarm, Steel, 3" x 4" x 8' , HDG	pc/s	10
CT/PT hanger	set	4
Current Transformer 30:5, 15kV, Extended Range Type	pc/s	17
Current Transformer 600:5, 600V, Extended Range Type	pc/s	24
Electrical tape, Big	pc/s	19
Entrance Cap, 1"	pc/s	369
Entrance Cap, 3/4"	pc/s	2,638
HDPE ADAPTER, 1"	pc/s	76
HDPE, 1"	pc/s	130
Locknut 5/8"	pc/s	75
Meter Box , Universal	pc/s	3,007
Meter Box Seal	pc/s	3,057
Meter Box, 10: x 14" x 18"	pc/s	11
Meter, Base Socket CL-200, 4 Jaw	pc/s	50
Meter, Base, Socket, CL-100, Long Clip	pc/s	410
Meter, Base, Socket, CL-200, 5 Jaw	pc/s	8
Potential Transformer, 70:1, 15kV	pc/s	17

Particulars	Units	Quantity
PVC Adapter w/ locknut, 3/4"	pc/s	5,276
PVC Adapter, 1 1/4"	pc/s	20
PVC Adapter, 1"	pc/s	738
PVC Pipe, 1 1/4" X 10'	pc/s	10
PVC Pipe, 1" X 10'	pc/s	369
PVC Pipe, 3/4" X 10'	pc/s	2,638
Reducer 2" X 1 1/4"	pc/s	3
Rubber tape	pc/s	19
Sealant, vulcaseal	pc/s	19
Square Washer 2 1/4 "x 2 1/4 "	pc/s	75
Stainless Bolt, Nut & Washer, 5/16 X 1"	pc/s	96
Stainless Bolt & Nut W/ Washer 3/8" X 1 1/2	pc/s	136
Stainless Buckle, 3/4	pc/s	57
Stainless Steel Strap, 3/4	pc/s	88
Terminal Lugs, 2 Hole #2	pc/s	63
Terminal Lug, 3.5mm <sup>2</sup>	pc/s	68
Terminal Lugs, 2 Hole #8	pc/s	5
THHN #12, copper wire	mtrs	1,240
TW # 6 mm <sup>2</sup> , copper wire	mtrs	3,690
TW # 8 mm <sup>2</sup> , copper wire	mtrs	26,450
TW# 2, copper wire	mtrs	78
Metal Screw #8 X 1	pc/s	33

## Lot 3 Technical Specifications

### SPECIFICATION FOR DUPLEX

The aluminum cable shall be formed of seven concentric lay stranded wires which meet the chemical requirements of ASTM B231 [1]. The wires shall be either:

1. Annealed or an intermediate temper which meets the tensile and finish requirements of ASTM B609 [2].
2. Hard-drawn, meeting the tensile, elongation, brittleness and finish requirements of ASTM B230 [3], or IEC 889 [8].
3. The wires shall be arranged with a right-hand lay. The preferred lay shall be 13.5 times the outside diameter of the wire, but the lay should not exceed 16 times nor be less than 10 times the wire diameter.

#### DUPLEX SERVICE DROP CABLE CONDUCTOR

CODE NAME	SIZE	QTY (mtrs)	PHASE CONDUCTOR			NEUTRAL CONDUCTOR				APPROX. CABLE WEIGHT	ALLOWABLE AMPACITY
			STRANDING	INS. THICK	INS. O.D.	STRANDING		O.D.	RATED STRENGT		
						NO. / mm					
	<i>AWG</i>	<i>mtrs</i>	<i>NO. / mm</i>	<i>mm</i>	<i>mm</i>	<i>Al.</i>	<i>Steel</i>	<i>mm</i>	<i>kg</i>	<i>Kg / km</i>	<i>A</i>
SHEPHERD	6	62,353	7 / 1.55	1.1	6.85	6 / 1.68	1.68	5.04	539.77	113.86	70

## Lot 6 Technical Specifications

Particulars	Units	Quantity
Bolt, Machine 5/8" X 12", Hdg	110	pc.
Bolt, Machine 5/8" X 2", Hdg	220	pcs
Bolt, Machine 5/8" X 6", Hdg (Full Thread)	880	pcs
Bracket, Mounting for Fuse Cut Out and Lightning Arrester	110	pc.
Bracket, Mounting Transformer, Single Type, Hdg	220	pcs
Clamp, Hot Line, #2 - #4/0 Acsr	110	pc.
Clamp, Loop Dead-End, #6 To #2/0 Acsr	110	pcs
Cluster Mount Segment	660	pcs
Conductor, Insulated, Copper #2/0	32	mtrs
Connector, Compression, Yho 150, Run #3 - #1/0 -Tap #6- #2	440	pcs.
Connector, Ground Rod Clamp, 5/8"	110	pcs
Current - Limiting Fuse, 23Kv W/ Groove and Spline	110	pcs.
Fuse Cut Out and Arrester Combination, 15Kv, Class 100	110	sets
HOT LINE STIRRUP, #4/0 ACSR, THREAD TYPE	110	pcs.
Link, Fuse, Univ. Bottom Head, Type K, 3A	28	pcs
Link, Fuse, Univ. Bottom Head, Type K, 5A	45	pcs
Link, Fuse, Univ. Bottom Head, Type K, 6A	27	pcs
Link, Fuse, Universal, Bottom Head, Type K, 8A	4	PC/S.
Rod, Ground Steel, Galvanized, 5/8" X 10', Hot Dip Galvanized	110	pcs
Transformer Hanger, 1 Phase	199	sets
Tw# 1/0	576	mtrs
Tw# 2/7	220	mtrs
Tw# 8	796	mtrs
Wire, Grounding, Galvanized, 3 Strand, 5/16" Dia. (Feet)	3,300	ft.



## Lot 7 Technical Specifications

Particulars	units	Qty
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### Metering Section

Sealing lead	Kgs.	20
Electrical tape	pcs.	380
Metal screw 3/4 X 8	pcs.	3000
Rugs	Kgs.	10

Particulars	units	Qty
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### Substation

OLTC oil	drums	15
Porcelain controller	can	48
Retoucher	can	20
Contact grease	can	6
Bolts, nuts & washer, 1/2 X 2.5"	pcs.	100
Silica Gel	pale	1
Sand paper, #150	sheet	30
Herbicide (Cleanzone)	gal	12
SF6 Gas refill	tanks	1
Nitrogen Gas refill	tanks	1
Paddle Pad, 4 goles 4/0	pcs.	30
Paddle Pad, 2 goles 4/0	pcs.	30
Connector, Wedge type 4/0-4/0	pcs.	30
Connector, Wedge type 336	pcs.	30
ABB ED2.0 CONTROL BOARD	pcs.	4
Miniature Circuit Breaker, MCB 6A, 2pole	pcs.	6
Miniature Circuit Breaker, MCB 10A, 2pole	pcs.	6
Miniature Circuit Breaker, MCB 30A, 2pole	pcs.	6
Miniature Circuit Breaker, MCB 40A, 2pole	pcs.	6
Miniature Circuit Breaker, MCB 10A, 3pole	pcs.	10
Miniature Circuit Breaker, MCB 16A, 3pole	pcs.	2
Waste cotton	Kgs.	30

Particulars	units	Qty
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### Transformer Rewinding

Acetylene refill	tanks	2
Bolt, Nut & washer, 1/4 X 1	pcs	50
Bronze rod	pcs	30
Cork gasket	sq.in	1000
Cotton tape	rolls	10
Epoxy adhesive (2 cans/set)	cans	4
Fish paper, #0.05	kgs	20
Fish paper, #0.05 X 1"	roll	4
Fish paper, #0.10	kgs	50
Insulating varnish	gal	3
Insuldor #0.10	kgs	70

Particulars	units	Qty
Lacquer flo	gal	3
Lacquer thinner	gal	6
Magic tape	rolls	50
Magnet wire #12	kgs	60
Magnet wire #14	kgs	60
Magnet wire #15	kgs	150
Magnet wire #17	kgs	150
Magnet wire #18	kgs	30
Magnet wire #19	kgs	30
Oxygen refill	tanks	2
Paint (QDE), black	gal	2
Paint (QDE), white	gal	2
Paint thinner	gal	2
Primary connector	pcs.	10
Sand paper	pcs	50
Secondary connector	pcs	20
Silk tape	rolls	20
Silver rod	pcs	20
Soap powder	kgs	10
Soldering lead(30m/roll)	roll	1
Spaghetti tube, 3mm	pcs	30
Spaghetti tube, 5mm	pcs	30
Spray paint, black	cans	4
Steel buckle	pcs	100
Steel bond, (30.5m/roll)	rolls	6
Stove bolt, 3/16 X 1	pcs	100
Terminal oval, 3.5mm	pcs	100
Transformer oil, (200ltr/drum)	drums	10
Waste cotton	kgs	30
Welding rod	kgs	5
Working gloves		5