



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

INVITATION TO BID FOR A SEALED BID ITB Ref No. 2021-017

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:

Project Title	Source of Funding	Price of Bid Documents (Non-Refundable)
Supply, Construction of Distribution / Sub-transmission Lines and Retrieval of Depreciated Lines Affected by the DPWH Road Widening Projects (Palamis – Amandiego, Alaminos City and Magalong, Mabini, Pangasinan)	DPWH Fund	Php 0.00

1. Schedule of bidding activities are as follows:

Activities	Schedule
Posting of invitation to Bid	August 9, 2021
Deadline of Submission	August 12, 2021 12:00NN
Opening and Evaluation of Bids	August 12, 2021 1:30PM
Project Start	August 23, 2021

2. ELIGIBILITY REQUIREMENTS

- a. Valid PCAB License
- b. Minimum Eligibility Requirements must be submitted by the winning bidder before signing of contract
 1. DTI business name registration or SEC Registration Certificate
 2. Valid and current Mayor's permit/Municipal License
 3. Certificate of Registration
 4. Tax Clearance from the BIR

3. INSTRUCTIONS

1. Bids must be duly received by the BAC Secretariat through manual/courier **or email in PDF File Format** submission at the office address/email address indicated below on or before **August 12, 2021 12:00NN**
2. Late bids shall not be accepted.
3. Commitment to the Project is a **MUST**
4. For further information, refer to;
Bids and Awards Committee
PANELCO I Main Office, San Jose, Bani, Pangasinan
Bac Secretariat
+639561755001 from 8:00AM to 5:00PM, Weekdays
Email: bac.panelcoi@gmail.com

4. Terms of Payment

- a) Down payment of **Fifteen percent (15%)** of the **CONTRACT PRICE** with request letter
- b) Balance shall be payable through progress billing as follows with supporting documents of the progress through a Summary of Accomplishment submitted to PANELCO-I through the Project Supervisor (Project Monitoring Team) and accepted by PANELCO-I:
 - **Forty-Five percent (45%)** progress for 1st payment
 - **Ninety percent (90%)** progress for 2nd payment
 - **Ten Percent (10%)** retention fee to be released after workmanship/warranty

5. Warranty

Three (3) Years Warranty

6. Performance Security

Upon signing of the Contract of Agreement, the CONTRACTOR shall post a performance security in any of the following forms:

10% of the Contract Price – Cash, Cashier’s Check, Manager’s Check, Bank Draft, Irrevocable Letter of Credit, or

10% of the Contract Price – Bank guarantee from Universal and/or Commercial Bank.

7. TECHNICAL SPECIFICATIONS/SCOPE OF WORKS/GANTT CHART

You can choose between option 1 or option 2 or you can bid for the 2 options.

(See attached file for details)

(SGD) NORDEL O. CALIXTRO
BAC Chairperson



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PANGASINAN I ELECTRIC COOPERATIVE

San Jose, Bani, Pangasinan

TOTAL MATERIALS

Project Title: **Proposed Rehabilitation/Relocation of Distribution and Sub Transmission Lines
Affected by DPWH Road Widening Project (69 KV and 13.2 KV line)**

TECHNICAL SPECIFICATIONS - STEEL POLES Option 1

ITEM NO.	MATERIAL DESCRIPTION	QTY.	UNIT	U-PRICE	AMOUNT
1	Attachment, Guy, Malleable Type with 11/16" Hole Diameter	6	pieces		
2	Bolt, Carriage 3/8" X 4-1/2"	24	pieces		
3	Bolt, Thimble Eye 5/8" X 14", Angle Type, HDG, Forged	100	pieces		
4	Bolt, Thimble Eye 5/8" X 16", Angle Type, HDG, Forged	55	pieces		
5	Bolt, Double Arming, 5/8" X 24"	167	pieces		
6	Bolt, Double Upset, 5/8" X 18"	43	pieces		
7	Bolt, Oval Eye 5/8" X 12", Hot Dip Galvanized, Forged	76	pieces		
8	Bolt, Oval Eye 5/8" X 14", Hot Dip Galvanized, Forged	37	pieces		
9	Bolt, Oval Eye, 5/8" X 16"	123	pieces		
10	Bolt, Oval Eye, 5/8" X 18"	49	pieces		
11	Bolt, Machine, 1/2" X 4"	110	pieces		
12	Bolt, Machine, 1/2" X 6"	134	pieces		
13	Bolt, Machine, 1/2" X 16"	116	pieces		
14	Bolt, Machine 5/8" X 6", Full Thread Hot Dip Galvanized	192	pieces		
15	Bolt, Machine 5/8" X 14", Hot Dip Galvanized	135	pieces		
16	Bolt, Machine, 5/8" X 16"	229	pieces		

17	Bolt, Machine, 5/8" X 18"	143	pieces		
18	Bolt, Single Upset, 5/8" X 18"	43	pieces		
19	Brace, Crossarm, 28", Steel or Wood	24	each		
20	Brace, Crossarm, 60" - 18" Drop	14	pairs		
21	Brace, Sidearm, Diagonal, 7 Feet	120	pieces		
22	Bracket, Clevis Deadend without Spool	66	pieces		
23	Bracket, Mounting for Cutout and Arrester	15	pieces		
24	Bracket, Mounting for Transformer Pole	18	sets		
25	Clamp, Hot Line, #2 - #2/0 ACSR Main to #2 - #2/0	10	pieces		
26	Clamp, Loop Deadend, #1/0 ACSR	158	pieces		
27	Clamp, Dead-end Strain, #2 ACSR	22	pieces		
28	Clamp, Deadend Strain, #1/0 ACSR	7	pieces		
29	Clamp, Deadend Strain, #4/0 ACSR	54	pieces		
30	Clamp, Dead-end Strain, #336.4 MCM	66	pieces		
31	Clamp, Guy Straight, 3 Bolt, Heavy Duty Steel	734	pieces		
32	Clamp, Guy Bond	6	pieces		
33	Clamp, Pole, 11" - 12", Type RL	56	sets		
34	Clamp, Pole, 12" - 13", Type RL	291	sets		
35	Clamp, Suspension, #4 - #4/0 ACSR	45	pieces		
36	Suspension hook (69kV)	78	pieces		
37	Clevis, Secondary Swinging without Spool	81	pieces		
38	Shackle, Anchor, Forged Steel, Galvanized	140	pieces		
39	Hook, Guy, Hot Dip Galvanized	206	pieces		
40	Conductor, Duplex, #6 AWG 6/1 (Meters)	1680	meter s		
41	Conductor, Bare, ACSR #2, AWG 6/1	143	meter s		
42	Conductor, Bare, ACSR #1/0, AWG 6/1	4054	meter s		

43	Conductor, Bare, ACSR #4/0, AWG 6/1	1036 7	meter s		
44	Conductor, Bare 336.4 MCM ACSR 26/7 STD(KMS)	9118	meter s		
45	Conductor, Insulated, ACSR #2, AWG 6/1 (600 V)	10	meter s		
46	Conductor, Insulated, ACSR #1/0, AWG 6/1 (600 V)	3571	meter s		
47	Connector, Cmpmssion. YHO 100, Run #6 - #2 -Tap #6 - #2	174	pieces		
48	Connector, Compression, YHO 150, #3 - #1/0 ACSR Run To #6 - #2	129	pieces		
49	Connector, Compression, YHO 200, #1/0 - #2/0 ACSR Run To #6 - #2	13	pieces		
50	Connector, Compression, YHD 300, #1/0 - #2/0 ACSR Run To #1/0 - #2/0	38	pieces		
51	Connector, Compression, YHD 400, #2/0 - #4/0 ACSR Run To #2/0 - #4/0	48	pieces		
52	Connector, Ground Rod (Clamp) for 5/8" Steel Rod	59	pieces		
53	Cutout and Arrester Combination, Porcelain	15	sets		
54	Arrester, Lightning, Porcelain	39	pieces		
55	Insulator, Pin Type, Porcelain, ANSI, Class 55 - 3	5	pieces		
56	Insulator, Pin Type, Porcelain, ANSI, CLASS 56-2, 1-3/8" Pin Hole	395	pieces		
57	Insulator, Suspension , Class 52-5. 10"	468	pieces		
58	Insulator Post Type, 69 KV	156	sets		
59	Pin, Crossarm, Steel, 1-3/8" X 5/8" X 14", 23KV	384	pieces		
60	Insulator, Spool, 1-3/4", ANSI, Class 53 - 2	112	pieces		
61	Insulator, Spool, 3", ANSI, Class 53 - 4	121	pieces		
62	Insulator, Suspension, 6 shed, Polymer, 25 kV	61	pieces		
63	Nut, Eye, 5/8", Conventional	147	pieces		
64	Nut, Lock, Mf Type, 3/8"	24	pieces		
65	Nut, Lock, Mf Type, 1/2"	332	pieces		
66	Nut, Lock, Mf Type, 5/8"	1852	pieces		
67	Pin, Pole Top, Channel, 1" Thread, 25" Long	9	pieces		
68	Rod, Anchor, Thréaded, Double Eye, 3/4" x 8', Hot Dip Galvanized, Forged	3	pieces		

69	Rod, Anchor, Threaded, Double Eye, 1" X 10', Hot Dip Galvanized, Forged	40	pieces		
70	Rod, Anchor] Threaded, Single Eye, 5/8" X 8', Hot Dip Galvanized, Forged	40	pieces		
71	Rod, Armor, Preformed, #1/0 ACSR, Single Support	100	sets		
72	Rod, Armor, Preformed, #1/0 ACSR, Double Support	56	sets		
73	Rod, Tapping, Preformed, #1/0 ACSR	10	sets		
74	Rod, Armor, Preformed, #4/0 ACSR, Single Support	6	sets		
75	Rod, Armor, Preformed, #4/0 ACSR, Double Support	165	sets		
76	Rod Armor Preformed Single-set 336.4 MCM	135	sets		
77	Rod, Ground Steel, Galvanized, 5/8" X 10'	59	pieces		
78	Spacer, Pipe, 3/4" X 1-1/2"	2	pieces		
79	Transformer, Pole Type, Conventional, Amorphous, 25 KVA	4	units		
80	Transformer, Pole Type, Conventional, Amorphous, 37.5 KVA	1	unit		
81	Guy, Truss, 69KV, Heavy Guying	16	sets		
82	Washer, Square, Flat, 2-1/4" X 2-1/4" X 3/16", 13/16" Diameter Hole	1801	pieces		
83	Washer, Square, Flat, 4" X 4" X 1/2" with 7/8" Diameter Hole	3	pieces		
84	Washer Square, Flat 4"X 4" X 1/2" W/ 13/16" Diameter Hole	52	pieces		
85	Washer, Square, Curved, 3" X 3" X 5/16" with 11/16" Diameter Hole	155	pieces		
86	Washer, Round, 1-3/8" Diameter with 9/16" Diameter Hole	250	pieces		
87	Wire, Tie, Aluminum Alloy, Soft, #4 AWG	4048	feet		
88	Wire, Tie, Insulated, Soft, #4 AWG	220	feet		
89	Wire, Tape, Armor, Aluminum Alloy, 0.5 " X 0.3"	85	feet		
90	Wire, Grounding, Aluminum Alloy, 3 Strand, #4 AWG	695.5	feet		
91	Wire, Grounding, Galvanized, 3 Strand, 5/16" Diameter	6837	feet		
92	Wire, Guy, Steel, 3/8", 7 Strand	1143 0	feet		
93	Wire, Guy, Steel, 3/8", 7 Strand (OHGW)	9970	feet		
94	Washer, Square, Curved, 3" X 3" X 5/16" with 11/16" Diameter Hole	155	pieces		
95	Socket Eye & Y-Ball Clevis	78	sets		
96	Guy, Truss, 69KV, Heavy Guying	16	sets		

97	TW #8	288	meter s		
98	Connector, Wedge Type, #336 - #336 MCM	66	pieces		
99	Wedge Connector, Ampact # 4/0	30	pieces		
100	Wedge Connector, Ampact # 1/0	20	pieces		
101	Connector, Wedge Type, #2 for OHGW	22	pieces		
102	Compression, Sleeve Splice, 336.4 ACSR	9	pieces		
103	Compression, Sleeve, 336.4 ACSR	9	pieces		
104	Pole, Concrete, 30', Class 3A	1	piece		
105	Pole, Concrete, 35', Class 2	2	pieces		
106	Pole, Steel, 35' (3.0mm)	13	pieces		
107	Pole, Concrete, 40', Class 2	1	pieces		
108	Pole, Concrete, 60', Class 1	1	piece		
109	Pole, Steel, 70' (5.0mm)	34	pieces		
110	Pole, Steel, 75' (5.0mm)	22	pieces		
111	Log, Anchor, Concrete, 8" X 4'	72	pieces		
112	Crossarm, Steel, 3" X 4" X 8'	120	pieces		
113	Copper Insulated #2/7	55	meter s		
114	Current Limiting Fuse, 23kV with groove and splice	5	pieces		
115	HotLine Stirrup #4/0 ACSR Thread Type	5	pieces		

SUBTOTAL

LABOR COST

TOTAL BID OFFER

PANGASINAN I ELECTRIC COOPERATIVE
San Jose, Bani, Pangasinan

TOTAL MATERIALS

Project Title: **Proposed Rehabilitation/Relocation of Distribution and Sub Transmission Lines**
Affected by DPWH Road Widening Project (69 KV and 13.2 KV line)

TECHNICAL SPECIFICATIONS - CONCRETE POLES option 2

ITEM NO.	MATERIAL DESCRIPTION	QTY.	UNIT	U-PRICE	AMOUNT
1	Attachment, Guy, Malleable Type with 11/16" Hole Diameter	6	pieces		
2	Bolt, Carriage 3/8" X 4-1/2"	24	pieces		
3	Bolt, Thimble Eye 5/8" X 14", Angle Type, HDG, Forged	100	pieces		
4	Bolt, Thimble Eye 5/8" X 16", Angle Type, HDG, Forged	55	pieces		
5	Bolt, Double Arming, 5/8" X 24"	2	pieces		
6	Bolt, Double Arming, 5/8" X 26"	165	pieces		
7	Bolt, Double Upset, 5/8" X 14"	6	pieces		
8	Bolt, Double Upset, 5/8" X 18"	37	pieces		
9	Bolt, Oval Eye 5/8" X 12", Hot Dip Galvanized, Forged	8	pieces		
10	Bolt, Oval Eye 5/8" X 14", Hot Dip Galvanized, Forged	68	pieces		
11	Bolt, Oval Eye 5/8" X 16", Hot Dip Galvanized, Forged	37	pieces		
12	Bolt, Oval Eye, 5/8" X 18"	123	pieces		
13	Bolt, Oval Eye, 5/8" X 20"	49	pieces		
14	Bolt, Machine, 1/2" X 4"	110	pieces		
15	Bolt, Machine, 1/2" X 6"	134	pieces		
16	Bolt, Machine, 1/2" X 16"	116	pieces		
17	Bolt, Machine 5/8" X 6", Full Thread Hot Dip Galvanized	192	pieces		

18	Bolt, Machine 5/8" X 14", Hot Dip Galvanized	10	pieces		
19	Bolt, Machine 5/8" X 16", Hot Dip Galvanized	125	pieces		
20	Bolt, Machine, 5/8" X 18"	229	pieces		
21	Bolt, Machine, 5/8" X 20"	143	pieces		
22	Bolt, Single Upset, 5/8" X 14"	6	pieces		
23	Bolt, Single Upset, 5/8" X 18"	37	pieces		
24	Brace, Crossarm, 28", Steel or Wood	24	each		
25	Brace, Crossarm, 60" - 18" Drop	14	pairs		
26	Brace, Sidearm, Diagonal, 7 Feet	120	pieces		
27	Bracket, Clevis Deadend without Spool	66	pieces		
28	Bracket, Mounting for Cutout and Arrester	15	pieces		
29	Bracket, Mounting for Transformer Pole	18	sets		
30	Clamp, Hot Line, #2 - #2/0 ACSR Main to #2 - #2/0	10	pieces		
31	Clamp, Loop Deadend, #1/0 ACSR	158	pieces		
32	Clamp, Dead-end Strain, #2 ACSR	22	pieces		
33	Clamp, Deadend Strain, #1/0 ACSR	7	pieces		
34	Clamp, Deadend Strain, #4/0 ACSR	54	pieces		
35	Clamp, Dead-end Strain, #336.4 MCM	66	pieces		
36	Clamp, Guy Straight, 3 Bolt, Heavy Duty Steel	734	pieces		
37	Clamp, Guy Bond	6	pieces		
38	Clamp, Pole, 11" - 12", Type RL	56	sets		
39	Clamp, Pole, 13" - 14", Type RL	291	sets		
40	Clamp, Suspension, #4 - #4/0 ACSR	45	pieces		
41	Suspension hook (69kV)	78	pieces		
42	Clevis, Secondary Swinging without Spool	81	pieces		
43	Shackle, Anchor, Forged Steel, Galvanized	140	pieces		
44	Hook, Guy, Hot Dip Galvanized	206	pieces		
45	Conductor, Duplex, #6 AWG 6/1 (Meters)	1,680	meters		
46	Conductor, Bare, ACSR #2, AWG 6/1	143	meters		

47	Conductor, Bare, ACSR #1/0, AWG 6/1	4,054	meters		
48	Conductor, Bare, ACSR #4/0, AWG 6/1	10,367	meters		
49	Conductor, Bare 336.4 MCM ACSR 26/7 STD(MS)	9,118	meters		
50	Conductor, Insulated, ACSR #2, AWG 6/1 (600 V)	10	meters		
51	Conductor, Insulated, ACSR #1/0, AWG 6/1 (600 V)	3,571	meters		
52	Connector, Compression, YHO 150, #3 - #1/0 ACSR Run To #6 - #2	129	pieces		
53	Connector, Compression, YHO 200, #1/0 - #2/0 ACSR Run To #6 - #2	13	pieces		
54	Connector, Compression, YHD 300, #1/0 - #2/0 ACSR Run To #1/0 - #2/0	38	pieces		
55	Connector, Compression, YHD 400, #2/0 - #4/0 ACSR Run To #2/0 - #4/0	48	pieces		
56	Connector, Ground Rod (Clamp) for 5/8" Steel Rod	59	pieces		
57	Cutout and Arrester Combination, Porcelain	15	sets		
58	Arrester, Lightning, Porcelain	48	pieces		
59	Insulator, Pin Type, Porcelain, ANSI, Class 55 - 3	5	pieces		
60	Insulator, Pin Type, Porcelain, ANSI, CLASS 56-2, 1-3/8" Pin Hole	395	pieces		
61	Insulator, Suspension, Class 52-5. 10"	468	pieces		
62	Insulator Post Type, 69 KV	156	sets		
63	Pin, Crossarm, Steel, 1-3/8" X 14", 23KV	384	pieces		
64	Insulator, Spool, 1-3/4", ANSI, Class 53 - 2	112	pieces		
65	Insulator, Spool, 3", ANSI, Class 53 - 4	121	pieces		
66	Insulator, Suspension, 6", ANSI, Class 52-1	122	pieces		
67	Nut, Eye, 5/8", Conventional	171	pieces		
68	Nut, Lock, Mf Type, 3/8"	24	pieces		
69	Nut, Lock, Mf Type, 1/2"	332	pieces		
70	Nut, Lock, Mf Type, 5/8"	1,828	pieces		
71	Pin, Pole Top, Channel, 1" Thread, 25" Long	9	pieces		
72	Rod, Anchor, Threaded, Double Eye, 3/4" x 8', Hot Dip Galvanized, Forged	51	pieces		
73	Rod, Anchor] Threaded, Single Eye, 5/8" X 8', Hot Dip Galvanized, Forged	50	pieces		
74	Rod, Armor, Preformed, #1/0 ACSR, Single Support	100	sets		
75	Rod, Armor, Preformed, #1/0 ACSR, Double Support	56	sets		

76	Rod, Tapping, Preformed, #1/0 ACSR	10	sets		
77	Rod, Armor, Preformed, #4/0 ACSR, Single Support	171	sets		
79	Rod Armor Preformed Single-set 336.4 MCM	135	sets		
80	Rod, Ground Steel, Galvanized, 5/8" X 10'	59	pieces		
82	Transformer, Pole Type, Conventional, Amorphous, 25 KVA	4	unit		
83	Transformer, Pole Type, Conventional, Amorphous, 37.5 KVA	1	unit		
84	Truss Guy for Down Guy	10	sets		
85	Washer, Square, Flat, 2-1/4" X 2-1/4" X 3/16", 13/16" Diameter Hole	1,861	pieces		
86	Washer, Square, Flat, 4" X 4" X 1/2" with 7/8" Diameter Hole	101	pieces		
87	Washer, Square, Curved, 3" X 3" X 5/16" with 11/16" Diameter Hole	155	pieces		
88	Washer, Round, 1-3/8" Diameter with 9/16" Diameter Hole	250	pieces		
89	Wire, Tie, Aluminum Alloy, Soft, #4 AWG	4,048	feet		
90	Wire, Tie, Insulated, Soft, #4 AWG	220	feet		
91	Wire, Tape, Armor, Aluminum Alloy, 0.5 " X 0.3"	85	feet		
92	Wire, Grounding, Aluminum Alloy, 3 Strand, #4 AWG	696	feet		
93	Wire, Grounding, Galvanized, 3 Strand, 5/16" Diameter	6,837	feet		
94	Wire, Guy, Steel, 3/8", 7 Strand	11,430	feet		
95	Wire, Guy, Steel, 3/8", 7 Strand (OHGW)	9,970	feet		
96	Socket Eye & Y-Ball Clevis	78	sets		
97	Guy, Truss, 69KV, Heavy Guying	16	sets		
98	TW #8	288	meters		
99	Connector, Wedge Type, #336 - #336 MCM	66	pieces		
100	Wedge Connector, Ampact # 4/0	30	pieces		
101	Wedge Connector, Ampact # 1/0	20	pieces		
102	Connector, Wedge Type, #2 for OHGW	22	pieces		
103	Compression, Sleeve Splice, 336.4 ACSR	9	pieces		
104	Compression, Sleeve, 336.4 ACSR	9	pieces		
105	Pole, Concrete, 30', Class 3A	1	pieces		
106	Pole, Concrete, 35', Class 2, 1800 kgs. (Minimum Load Break)	14	pieces		

107	Pole, Concrete, 40', Class 2	1	piece		
108	Pole, Concrete, 60', Class 1	1	piece		
109	Pole, Concrete, 70' Class 1 2000 kgs.	22	pieces		
110	Pole, Concrete, 75' Class 1 2000 kgs.	35	pieces		
111	Log, Anchor, Concrete, 8" X 4'	101	pieces		
112	Crossarm, Steel, 3" X 4" X 8'	126	pieces		
113	Copper Insulated #2/7	55	meters		
114	Current Limiting Fuse, 23kV with groove and splice	5	pieces		
115	HotLine Stirrup #4/0 ACSR Thread Type	5	pieces		
116	Clamp Suspension (69 kV)	12	pieces		
117	Connector, Compression. YHO 100, Run #6 - #2 -Tap #6 - #2	174	pieces		

SUBTOTAL

LABOR COST

TOTAL BID

OFFER