



NATIONAL POWER CORPORATION

SUPPLEMENTAL/ BID BULLETIN NO. 1

to the Bid Documents for the :

SUPPLY, DELIVERY, ERECTION/INSTALLATION, TEST AND COMMISSIONING OF 7.97/13.8kV DISTRIBUTION LINE FOR PALAHANGAN, HADJI MUHTAMAD, BASILAN UNDER PR NO: S4-PIC24-004 / REF. NO. PB240213-RA00041

05 February 2024

All prospective bidders and authorized copy holders of the Bid Documents of the project mentioned above are at this moment advised of the changes in the provision of the bid documents, to wit:

- I. **Replacement** of Section VI –Technical Specifications, Part II - Technical Data Sheets, Electrical Works, Clause B.7 Household Connection Materials, **Item B.7.1.5 Bare Neutral Messenger** (page **VI-EW-2-8**), see attached copy comprising of one (1) page.
- II. **Replacement of Section VII: Bill of Quantities** (pages **VII-BOQ-1 to VII-BOQ-8**), see attached copy comprising of eight (8) pages.

All other terms and conditions shall remain the same.

For the information and guidance of all authorized copy holders of the Terms of Reference (TOR) and prospective bidders.

For the Bids and Awards Committee:

ATTY. MELCHOR P. RIDULME

Vice President, Office of the Legal Counsel and
Chairman, Bids and Awards Committee



NATIONAL POWER CORPORATION

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Website: www.napocor.gov.ph

	NPC Requirements	Contractor's Data
b. Stranding no.	6-AI / 1-Stl	
B.7.2. Kilowatt-hour Demand Meter		
1. Manufacturer	By Contractor	
2. Place of Manufacture	By Contractor	
3. Accuracy Class	0.5 or better	
4. No. of Phase / Wire	1 / 2	
5. Voltage, V	240	
6. Current Range	10 (30)	
7. Frequency, Hz	60	
8. Enclosure degree of protection	IP54	
9. Cable entrance	Bottom	
10. Tamper proof	Yes	
11. Access for maintenance testing	Front access	
12. LCD display	kWh	
13. The Kilowatt-hour meter to be provided is certified and approved by ERC	Yes	
B.7.3. Overcurrent Protective Device		
1. Manufacturer	By Contractor	
2. Place of Manufacture	By Contractor	
3. Type	Enclosed Circuit Breaker	
4. Rated voltage, V	600	
5. No of phase	1	

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PART VII - BILL OF QUANTITIES
PALAHANGAN ISLAND, HADJI MUHTAMAD, BASILAN

Item No.	Description of Work or Materials	Work to Be Done	Reference	Unit	Estimated Quantity	Unit Price in Pesos (Words and Figures)	Total Amount (In Figures)
1.1	7.97/13.8KV DISTRIBUTION LINE						
1.1.1	Right of Way	Clearing & Grubbing	NPC Tech Specs & Drawings	mts	1205	(P _____)	(P _____)
1.2	7.97/13.8KV STEEL POLES WITH UNIVERSAL HOLES, GROUNDING CLAMP, AND GUYING ATTACHMENT FOR DIFFERENT TYPE OF STRUCTURES						
1.2.1	25 Footer Secondary Steel Poles	Supply, Delivery & Erection	NPC Tech Specs & Drawings	poles	8	(P _____)	(P _____)
	Type "QS"	Supply, Delivery & Erection	NPC Tech Specs & Drawings	poles	1	(P _____)	(P _____)
	Type "RS"	Supply, Delivery & Erection	NPC Tech Specs & Drawings	poles	2	(P _____)	(P _____)
1.2.2	40 Footer Three Phase Steel Poles	Supply, Delivery & Erection	NPC Tech Specs & Drawings	pole	2	(P _____)	(P _____)
	Type "QNC"	Supply, Delivery & Erection	NPC Tech Specs & Drawings	poles	4	(P _____)	(P _____)
	Type "RNC"	Supply, Delivery & Erection	NPC Tech Specs & Drawings	poles	1	(P _____)	(P _____)
	Type "SNC"	Supply, Delivery & Erection	NPC Tech Specs & Drawings	poles	2	(P _____)	(P _____)
1.2.3	40 Footer Two (V) Phase Steel Poles	Supply, Delivery & Erection	NPC Tech Specs & Drawings	poles	2	(P _____)	(P _____)
	Type "QNB"						

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Item No.	Description of Work or Materials	Work to Be Done	Reference	Unit	Estimated Quantity	Unit Price in Pesos (Words and Figures)	Total Amount (In Figures)
1.2.4	40 Footer Single Phase Steel Poles	Supply, Delivery & Erection	NPC Tech Specs & Drawings	poles	1	(P _____)	(P _____)
	Type "RNA"	Supply, Delivery & Erection	NPC Tech Specs & Drawings	poles	3	(P _____)	(P _____)
	Type "RNA"	Supply, Delivery & Erection	NPC Tech Specs & Drawings	poles	1	(P _____)	(P _____)
	Type "SNA"	Supply, Delivery & Erection	NPC Tech Specs & Drawings	poles	1	(P _____)	(P _____)
	Type "TNA"	Supply, Delivery & Erection	NPC Tech Specs & Drawings	poles	2	(P _____)	(P _____)
1.3	STEEL POLE STRUCTURE DRESSING						
1.3.1	Type "NA1 (A1)"	Supply, Delivery & Installation	NPC Tech Specs & Drawings	structures	1	(P _____)	(P _____)
1.3.2	Type "NA2 (A2)"	Supply, Delivery & Installation	NPC Tech Specs & Drawings	structures	1	(P _____)	(P _____)
1.3.3	Type "NA3 (A3)"	Supply, Delivery & Installation	NPC Tech Specs & Drawings	structure	1	(P _____)	(P _____)
1.3.4	Type "NA4 (A4)"	Supply, Delivery & Installation	NPC Tech Specs & Drawings	structure	2	(P _____)	(P _____)
1.3.5	Type "NA5 (A5)"	Supply, Delivery & Installation	NPC Tech Specs & Drawings	structures	2	(P _____)	(P _____)

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PART VII - BILL OF QUANTITIES
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Item No.	Description of Work or Materials	Work to Be Done	Reference	Unit	Estimated Quantity	Unit Price in Pesos (Words and Figures)	Total Amount (in Figures)
1.3.6	Type "NA5-2 (A5-2)"	Supply, Delivery & Installation	NPC Tech Specs & Drawings	structure	2	(P _____)	(P _____)
1.3.7	Type "NB1 (B1)"	Supply, Delivery & Installation	NPC Tech Specs & Drawings	structures	1	(P _____)	(P _____)
1.3.8	Type "NB2 (B2)"	Supply, Delivery & Installation	NPC Tech Specs & Drawings	structures	1	(P _____)	(P _____)
1.3.9	Type "NB7 (B7)"	Supply, Delivery & Installation	NPC Tech Specs & Drawings	structures	2	(P _____)	(P _____)
1.3.10	Type "NC1 (C1)"	Supply, Delivery & Installation	NPC Tech Specs & Drawings	structures	1	(P _____)	(P _____)
1.3.11	Type "NC2 (C2)"	Supply, Delivery & Installation	NPC Tech Specs & Drawings	structures	4	(P _____)	(P _____)
1.3.12	Type "NC7 (C7)"	Supply, Delivery & Installation	NPC Tech Specs & Drawings	structure	1	(P _____)	(P _____)
1.3.13	Type "NC7-2 (C7-2)"	Supply, Delivery & Installation	NPC Tech Specs & Drawings	structure	1	(P _____)	(P _____)
1.4	GUYING, ANCHOR, TRANSFORMER, SECONDARY AND MISCELLANEOUS ASSEMBLY						
1.4.1	Type "NE1-2A (E1-2A)" Guying Assembly	Supply, Delivery & Installation	NPC Tech Specs & Drawings	assy	12	(P _____)	(P _____)
1.4.2	Type "NF2-2A (F2-2A)" Anchor Assembly	Supply, Delivery & Installation	NPC Tech Specs & Drawings	assy	12	(P _____)	(P _____)

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VII-BOQ-3

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PART VII - BILL OF QUANTITIES
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Item No.	Description of Work or Materials	Work to Be Done	Reference	Unit	Estimated Quantity	Unit Price in Pesos (Words and Figures)	Total Amount (in Figures)
1.4.3	Type "NG12-1 (G12-1)" 5KVA Transformer Assembly	Supply, Delivery, Installation & Test	NPC Tech Specs & Drawings	assy	2	(P _____)	(P _____)
1.4.4	Type "NG12-2 (G12-2)" 10KVA Transformer Assembly	Supply, Delivery, Installation & Test	NPC Tech Specs & Drawings	assy	1	(P _____)	(P _____)
1.4.5	Type "NG12-3 (G12-3)" 5KVA Transformer Assembly	Supply, Delivery, Installation & Test	NPC Tech Specs & Drawings	assy	1	(P _____)	(P _____)
1.4.6	Type "NG12-3 (G12-3)" 10KVA Transformer Assembly	Supply, Delivery, Installation & Test	NPC Tech Specs & Drawings	assy	1	(P _____)	(P _____)
1.4.7	Type "NJ5 (J5)" Secondary Assembly	Supply, Delivery & Installation	NPC Tech Specs & Drawings	assy	7	(P _____)	(P _____)
1.4.8	Type "NJ10 (J10)" Secondary Assembly	Supply, Delivery & Installation	NPC Tech Specs & Drawings	assy	1	(P _____)	(P _____)
1.4.9	Type "NJ15 (J15)" Secondary Assembly	Supply, Delivery & Installation	NPC Tech Specs & Drawings	assy	8	(P _____)	(P _____)
1.4.10	Type "NJ15A (J15A)" Secondary Assembly	Supply, Delivery & Installation	NPC Tech Specs & Drawings	assy	17	(P _____)	(P _____)
1.4.11	Type "NM2-11 (M2-11)" Miscellaneous Assembly	Supply, Delivery & Installation	NPC Tech Specs & Drawings	assy	5	(P _____)	(P _____)
1.4.12	Type "NM2-11A (M2-11A)" Miscellaneous Assembly	Supply, Delivery & Installation	NPC Tech Specs & Drawings	assy	11	(P _____)	(P _____)
1.4.13	Type "NM5-5 (M5-5)" Miscellaneous Assembly	Supply, Delivery & Installation	NPC Tech Specs & Drawings	assy	4	(P _____)	(P _____)

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PART VII - BILL OF QUANTITIES
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Item No.	Description of Work or Materials	Work to Be Done	Reference	Unit	Estimated Quantity	Unit Price in Pesos (Words and Figures)	Total Amount (In Figures)
1.5	PRIMARY CONDUCTOR, 1/0 AWG ACSR, 6-AI/1-Str. STRANDING "RAVEN"	Supply, Delivery, String & Test	NPC Tech Specs & Drawings	mtrs	1972	(P _____)	(P _____)
1.6	PRIMARY NEUTRAL COND., #2 AWG ACSR, 6-AI/1-Str. STRANDING "SPARROW"	Supply, Delivery, String & Test	NPC Tech Specs & Drawings	mtrs	1506	(P _____)	(P _____)
1.7	SINGLE WIRE, INSULATED, 600V, #2 AWG AAC, 7-AI STRANDS (FOR DISTRIBUTION TRANSFORMER SECONDARY CONDUCTOR)	Supply, Delivery, String & Test	NPC Tech Specs & Drawings	mtrs	1000	(P _____)	(P _____)
1.8	FUSE LINKS FOR FUSE CUTOUTS						
1.8.1	Fuse link, 2 Amps	Supply, Delivery & Installation	NPC Tech Specs & Drawings	pcs	3	(P _____)	(P _____)
1.8.2	Fuse link, 4 Amps	Supply, Delivery & Installation	NPC Tech Specs & Drawings	pcs	2	(P _____)	(P _____)
1.9	HOUSEHOLD CONNECTION MATERIALS						
1.9.1	Electronic/Digital Kilowatt-Hour Meter, Outdoor Type, 1-Phase, 240V, 10(30)AT with ERC Approval	Supply, Delivery, Installation & Test	NPC Tech Specs & Drawings	pcs	250	(P _____)	(P _____)
1.9.2	Duplex Wire, #6 AWG, 7-AI & 6-AI/1-Str. Stranding	Supply, Delivery, Installation & Test	NPC Tech Specs & Drawings	mtrs	6250	(P _____)	(P _____)
1.9.3	Service Entrance Cap, Weather-Proof Type, 3/4" Diameter with Locknut and Bushings	Supply, Delivery, & Installation	NPC Tech Specs & Drawings	pcs	250	(P _____)	(P _____)
1.9.4	Rigid Steel Conduit (RSC), 3/4" Diameter x 10' long with eight (8) Pieces C-Clamp (Galvanized Iron with Screw), Locknut, Elbow, and Bushings	Supply, Delivery, & Installation	NPC Tech Specs & Drawings	sets	250	(P _____)	(P _____)
1.9.5	8mm ² 600V THHN/THWN-2 Copper Wire For Service Entrance	Supply & Delivery & Lay	NPC Tech Specs & Drawings	mtrs	1750	(P _____)	(P _____)

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Item No.	Description of Work or Materials	Work to Be Done	Reference	Unit	Estimated Quantity	Unit Price in Pesos (Words and Figures)	Total Amount (In Figures)
1.9.6	3.5mm ² (#12) PDX Wire For Household Wiring	Supply & Delivery & Lay	NPC Tech Specs & Drawings	mtrs	7500	(P _____)	(P _____)
1.9.7	20A T, 2-Pole, Single-Phase Miniature Circuit Breaker (MCB) with Enclosure	Supply, Delivery Installation & Test	NPC Tech Specs & Drawings	pcs	250	(P _____)	(P _____)
1.9.8	Wire Holder, Universal Service Type No. 22	Supply, Delivery & Installation	NPC Tech Specs & Drawings	pcs	250	(P _____)	(P _____)
1.9.9	Tapping Connector, Compression-Type for No. #2 AWG to #6 AWG	Supply, Delivery & Installation	NPC Tech Specs & Drawings	pcs	500	(P _____)	(P _____)
1.9.10	Electrical Tape, Big	Supply & Delivery	NPC Tech Specs & Drawings	pcs	250	(P _____)	(P _____)
1.9.11	9Watts Cool White LED Bulb, E27 Basem complete with the required accessories	Supply, Delivery & Installation	NPC Tech Specs & Drawings	pcs	500	(P _____)	(P _____)
1.9.12	Surface Mounted Outlet, Duplex, 240V, 1-phase	Supply, Delivery & Installation	NPC Tech Specs & Drawings	pcs	250	(P _____)	(P _____)
1.9.13	Surface Mounted 1 Gang Switch, 240V, 1-phase	Supply, Delivery & Installation	NPC Tech Specs & Drawings	pcs	500	(P _____)	(P _____)
1.9.14	PVC Octagonal utility box complete with the required mounting accessories, cover, etc.	Supply, Delivery & Installation	NPC Tech Specs & Drawings	pcs	500	(P _____)	(P _____)
1.9.15	Insulated Staple Wire	Supply & Delivery	NPC Tech Specs & Drawings	box	125	(P _____)	(P _____)

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Item No.	Description of Work or Materials	Work to Be Done	Reference	Unit	Estimated Quantity	Unit Price in Pesos (Words and Figures)	Total Amount (In Figures)
1.10	LINEMAN'S TOOLS						
1.10.1	Climber Set, Complete With Post Belt, Body Belt and Pair of Safety shoes	Supply & Delivery	NPC's Technical specifications	set	2	(P _____)	(P _____)
1.10.2	Disconnect Tools (Hot Stick), 20 kV, Telescopic, Heavy Duty, 30' Extended Length	Supply & Delivery	NPC's Technical specifications	pc	1	(P _____)	(P _____)
1.10.3	Lineman's Gloves, Pair, Insulated	Supply & Delivery	NPC's Technical specifications	pairs	2	(P _____)	(P _____)
1.10.4	Pliers, Heavy Duty, Electrical, 10" long	Supply & Delivery	NPC's Technical specifications	pc	1	(P _____)	(P _____)
1.10.5	Compression Connector Tools, Burndy	Supply & Delivery	NPC's Technical specifications	set	1	(P _____)	(P _____)
1.10.6	Wrench, Adjustable, 10"	Supply & Delivery	NPC's Technical specifications	pc	1	(P _____)	(P _____)
1.10.7	Wrench, Adjustable, 12"	Supply & Delivery	NPC's Technical specifications	pc	1	(P _____)	(P _____)
1.10.8	Coffing Hoist, Ratchet Type, 1.5 tons	Supply & Delivery	NPC's Technical specifications	pc	1	(P _____)	(P _____)
1.10.9	Hammer Ball, 10 lbs.	Supply & Delivery	NPC's Technical specifications	pc	1	(P _____)	(P _____)
1.10.10	Hammer, Claw, Heavy Duty	Supply & Delivery	NPC's Technical specifications	pc	1	(P _____)	(P _____)

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Item No.	Description of Work or Materials	Work to Be Done	Reference	Unit	Estimated Quantity	Unit Price in Pesos (Words and Figures)	Total Amount (In Figures)
1.10.11	Cutter, Bolt, Heavy Duty, 36"	Supply & Delivery	NPC's Technical specifications	pc	1	(P _____)	(P _____)
1.10.12	Wire Grip, Suitable for #2 AWG ACSR to 4/0 AWG ACSR	Supply & Delivery	NPC's Technical specifications	pc	1	(P _____)	(P _____)
1.10.13	Shotgun Stick 20 KV, 10' Long	Supply & Delivery	NPC's Technical specifications	pc	1	(P _____)	(P _____)
1.10.14	Pulley with Rope, Plastic, 1/2" x 75'	Supply & Delivery	NPC's Technical specifications	set	1	(P _____)	(P _____)
1.10.15	Double Pulley with Rope, Plastic	Supply & Delivery	NPC's Technical specifications	set	1	(P _____)	(P _____)
1.10.16	Sling, Webbing, 2" Width, 6' Length, Return Eye, Type (Eye Length: 4" Approx.)	Supply & Delivery	NPC's Technical specifications	set	1	(P _____)	(P _____)
1.10.17	Clampstick, Grip-all, Hinged Style, Folded: 8' 4", Extended: 1-1/4 x 18'6"	Supply & Delivery	NPC's Technical specifications	set	1	(P _____)	(P _____)
1.10.18	Cluster, Grounding, C-type Grounding Clamps, Aluminum Body, Smooth Jaw, Bronze Eye-Screw with ACME Thread, 1/0 Copper Ground Cable, 6'	Supply & Delivery	NPC's Technical specifications	set	1	(P _____)	(P _____)
1.10.19	Cluster, Grounding, C-type Grounding Clamps, Aluminum Body, Smooth Jaw, Bronze Eye-Screw with ACME Thread, 1/0 Copper Ground Cable, 10'	Supply & Delivery	NPC's Technical specifications	set	1	(P _____)	(P _____)
1.10.20	Fiberglass Extension Ladder, D-Shaped Rungs, ANSI Duty Rating: Type IA (300 lbs.) Closed Height: 20', Open Height: 35'	Supply & Delivery	NPC's Technical specifications	pc.	1	(P _____)	(P _____)
TOTAL AMOUNT OF BID						(P _____)	(P _____)

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