



NATIONAL POWER CORPORATION

SUPPLEMENTAL/ BID BULLETIN NO. 1

to the Bid Documents for the :

SUPPLY, DELIVERY, ERECTION/INSTALLATION, TESTING AND COMMISSIONING OF 7.97/13.8KV DISTRIBUTION LINE FOR PANGAPUYAN ISLAND, ZAMBOANGA DEL SUR UNDER PR NO: S4-PIC24-006 / 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.6 Household Connection Materials, **Item B.6.1.5 Bare Neutral Messenger** (page **VI-TS(II-EW)-7**), see attached copy comprising of one (1) page.
- II. **Replacement** of **Section VII: Bill of Quantities** (pages **VII-BOQ-Pan-1 to VII-BOQ-Pan-9**), see attached copy comprising of nine (9) 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



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	NPC's Requirements	Contractor's Data
b. Stranding No./dia., mm	7 / 2.47	_____
c. Insulation	Black polyethylene (PE)	_____

B.6 Household Connection Materials

B.6.1. Service Drop Wire

	NPC's Requirements	Contractor's Data
1. Manufacturer	By Contractor	_____
2. Place of Manufacture	By Contractor	_____
3. Type	#6 AWG Duplex	_____
4. Phase conductor		
a. Material	Aluminum	_____
b. Stranding no.	7 Al	_____
c. Insulation	Yes, black polyethylene (PE)	_____
5. Bare Neutral Messenger		
a. Material		
i. Outer layers	Aluminum	_____
ii. Inner core	Steel	_____
b. Stranding no.	6-Al / 1-Stl	_____

Name of Firm	Name & Signature of Representative	Designation
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**SECTION VII - BILL OF QUANTITIES
PANGAPUYAN ISLAND, ZAMBOANGA DEL SUR**

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	Cleaning & Grubbing	NPC's Tech Specs & Drawings	mts	844	(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's Tech Specs & Drawings	poles	2	(P _____)	(P _____)
	Type "Qs"	Supply, Delivery & Erection	NPC's Tech Specs & Drawings	poles	1	(P _____)	(P _____)
1.2.2	35 Footer Single Phase Steel Poles	Supply, Delivery & Erection	NPC's Tech Specs & Drawings	poles	1	(P _____)	(P _____)
	Type "QNA"	Supply, Delivery & Erection	NPC's Tech Specs & Drawings	poles	1	(P _____)	(P _____)
	Type "RNA"	Supply, Delivery & Erection	NPC's Tech Specs & Drawings	poles	2	(P _____)	(P _____)
	Type "SNA"	Supply, Delivery & Erection	NPC's Tech Specs & Drawings	poles	1	(P _____)	(P _____)
	Type "TNA"	Supply, Delivery & Erection	NPC's Tech Specs & Drawings	poles	1	(P _____)	(P _____)

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VII-BOQ-Pan-1

SECTION VII - BILL OF QUANTITIES
PANGAPUYAN ISLAND, ZAMBANGA DEL SUR

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)
1.2.3	40 Footer Two (V) Phase Steel Poles Type "Tnb"	Supply, Delivery & Erection	NPC's Tech Specs & Drawings	poles	3	(P _____)	(P _____)
1.2.4	40 Footer Three Phase Steel Poles Type "QNC" Type "RNC" Type "Tnc"	Supply, Delivery & Erection Supply, Delivery & Erection Supply, Delivery & Erection	NPC's Tech Specs & Drawings NPC's Tech Specs & Drawings NPC's Tech Specs & Drawings	poles pole pole	4 3 1	(P _____) (P _____) (P _____)	(P _____) (P _____) (P _____)
1.3	STEEL POLE STRUCTURE DRESSING						
1.3.1	Type "NA1 (A1)"	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	structures	1	(P _____)	(P _____)
1.3.2	Type "NA3 (A3)"	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	structures	2	(P _____)	(P _____)
1.3.3	Type "NA5 (A5)"	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	structures	1	(P _____)	(P _____)
1.3.4	Type "NA5-2 (A5-2)"	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	structures	1	(P _____)	(P _____)
1.3.5	Type "NB7 (B7)"	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	structures	7	(P _____)	(P _____)

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**SECTION 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 "NC1 (C1)"	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	structures	4	(P _____)	(P _____)
1.3.7	Type "NC7 (C7)"	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	structures	1	(P _____)	(P _____)
1.3.8	Type "NC7-2 (C7-2)"	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	structure	1	(P _____)	(P _____)
1.4	GUYING, ANCHOR, TRANSFORMER, SECONDARY AND MISCELLANEOUS ASSEMBLY						
1.4.1	Type "NE1-2 (E1-2)" Guying Assembly	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	assy	2	(P _____)	(P _____)
1.4.2	Type "NE1-2A (E1-2A)" Guying Assembly	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	assy	16	(P _____)	(P _____)
1.4.3	Type "NF2-2 (F2-2)" Anchor Assembly	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	assy	2	(P _____)	(P _____)
1.4.4	Type "NF2-2A (F2-2A)" Anchor Assembly	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	assy	16	(P _____)	(P _____)
1.4.5	Type "NG12-1 (G12-1)" 10KVA Transformer Assembly	Supply, Delivery, Installation & Test	NPC's Tech Specs & Drawings	assy	1	(P _____)	(P _____)
1.4.6	Type "NG12-2 (G12-2)" 5KVA Transformer Assembly	Supply, Delivery, Installation & Test	NPC's Tech Specs & Drawings	assy	1	(P _____)	(P _____)

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SECTION 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)
1.4.7	Type "NG12-3 (G12-3)" 5KVA Transformer Assembly	Supply, Delivery, Installation & Test	NPC's Tech Specs & Drawings	assy	1	(P _____)	(P _____)
1.4.8	Type "NG12-3 (G12-3)" 10KVA Transformer Assembly	Supply, Delivery, Installation & Test	NPC's Tech Specs & Drawings	assy	1	(P _____)	(P _____)
1.4.9	Type "NJ15 (J15)" Secondary Assembly	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	assy	8	(P _____)	(P _____)
1.4.10	Type "NJ15A (J15A)" Secondary Assembly	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	assy	18	(P _____)	(P _____)
1.4.11	Type "NM2-11 (M2-11)" Miscellaneous Assembly	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	assy	3	(P _____)	(P _____)
1.4.12	Type "NM2-11A (M2-11A)" Miscellaneous Assembly	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	assy	11	(P _____)	(P _____)
1.4.13	Type "NM5-5 (M5-5)" Miscellaneous Assembly	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	assy	8	(P _____)	(P _____)
1.4.14	Type "NM5-9 (M5-9)" Miscellaneous Assembly	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	assy	2	(P _____)	(P _____)
1.5	PRIMARY CONDUCTOR, 1/0 AWG ACSR, 6-AI/1-SII, STRANDING, "RAVEN"	Supply, Delivery, String & Test	NPC's Tech Specs & Drawings	mtrs	1992	(P _____)	(P _____)
1.6	NEUTRAL CONDUCTOR, 2 AWG ACSR, 6-AI/1-SII, STRANDING, "SPARROW"	Supply, Delivery, String & Test	NPC's Tech Specs & Drawings	mtrs	1054	(P _____)	(P _____)

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SECTION 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)
1.7	SINGLE WIRE, INSULATED, 600V, 2 AWG AAC, 7-AL STRANDING (FOR DISTRIBUTION TRANSFORMER SECONDARY CONDUCTOR)	Supply, Delivery, String & Test	NPC's Tech Specs & Drawings	mts	750	(P _____)	(P _____)
1.8	FUSE LINKS FOR FUSE CUTOUTS						
1.8.1	Fuse link, 2 Amps	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	pcs	2	(P _____)	(P _____)
1.8.2	Fuse link, 4 Amps	Supply, Delivery & Installation	NPC's Tech Specs & Drawings	pcs	2	(P _____)	(P _____)
1.8.3	Fuse link, 2 Amps	Supply & Delivery (Spare)	NPC's Tech Specs & Drawings	pcs	2	(P _____)	(P _____)
1.8.4	Fuse link, 4 Amps	Supply & Delivery (Spare)	NPC's 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-AL & 6-AL/1-Strl. Stranding	Supply, Delivery, Installation & Test	NPC Tech Specs & Drawings	mts	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 _____)

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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)
1.9.5	8mm ² 600V THHN/THWN-2 Copper Wire For Service Entrance	Supply & Delivery & Lay	NPC Tech Specs & Drawings	mtrs	1750	(P_____)	(P_____)
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	20AT, 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 Base 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_____)

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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)
1.9.15	Insulated Staple Wire	Supply & Delivery	NPC Tech Specs & Drawings	pcs	12500	(P _____)	(P _____)
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	sets	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 _____)

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**SECTION VII - BILL OF QUANTITIES
PANGAPUYAN ISLAND, ZAMBOANGA DEL SUR**

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)
1.10.9	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 _____)
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: 1-3/4 x 16'6"	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 _____)

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**SECTION 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)
1.10.19	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 _____)
2.0	EXISTING 240V SINGLE PHASE DISTRIBUTION LINE FOR RETIRING						
2.1	#4 AWG INSULATED ALUMINUM CONDUCTOR	Dismantling, lowering, re-reeling, hauling & Stockpiling to NPC Pangapuyan Power Plant	NPC's Technical specifications	mts (approx.)	800	(P _____)	(P _____)
2.2	WOODEN REELS for #4 AWG INSULATED ALUMINUM CONDUCTOR (500m/reel)	Supply & Delivery	NPC's Technical specifications	lot	1	(P _____)	(P _____)
2.3	STEEL POLES (GI PIPE) AND ASSOCIATED STRUCTURE DRESSINGS / ASSEMBLIES	Dismantling, Extraction Sorting, Crating, Hauling & Stockpiling NPC Pangapuyan Power Plant	NPC's Technical specifications	lot	1	(P _____)	(P _____)
2.4	WOODEN BOXES/GRATES (1.00 x 0.75 x 0.50m) FOR STRUCTURE DRESSINGS / ASSEMBLIES TO BE DISMANTLED	Fabrication, Sorting, Marking, Hauling & Stockpiling to NPC NPC Pangapuyan Power Plant	NPC's Technical specifications	lot	1	(P _____)	(P _____)
TOTAL AMOUNT OF BID						(P _____)	(P _____)

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