National Power Corporation

SUPPLEMENTAL / BID BULLETIN NO. 4
UPGRADING OF EXISTING POWER TRANSFORMER FROM 5 MVA TO 10 MVA AND OTHER APPURTENANCES IN ROXAS SUBSTATION UNDER PR NO. HO-PIG22-024 / REF. NO. PB221109-JL00414

15 November 2022

All prospective bidders and authorized copy holders of the Bid Documents of the above mentioned project are hereby advised of the changes in the provision of the Bid Documents, to wit:

A. BID SUBMISSION OPENING

FROM	TO
16 November 2022 9:30 AM Kañao Room	**23 November 2022** 9:30 AM Kañao Room

B. QUESTIONNAIRES PER CUSTOMER TYPE

Please see the attached file ("Annex A") for the questionnaires and NPC response.

All other terms and conditions shall remain the same.

For the information and guidance of all authorized copy holders of the Bid Documents and prospective bidders.

For the Bids and Awards Committee:

RENE B. BARRUELA
Vice President, CAG and Chairman,
Bids and Awards Committee

NATIONAL POWER CORPORATION

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"ANNEX A"

Query	NPC's Response
1. As per Note No. 5 on the Single Line Diagram (2/2), "All existing feeder protection electromechanical relays of 13.8kV outdoor switchgear shall be dismantled and replaced by digital relays". Please confirm if the existing 69kV feeder and 69kV Transformer protection devices (both SEL brands) must also be replaced by digital relay. (Please refer to the attached photo)	Only the 69kV transformer protection devices must be replaced with digital relays.
2. If 69kV feeder and 69kV transformer protection devices also need to be replaced, please confirm if the existing meters must also be replaced with digital meters.	Only the 69kV transformer protection device will be replaced by digital relay, but for the metering both shall be replaced with digital meters.
3. Please confirm if whole new panel need to be supplied where all relative relays and meters are installed. The panel size should be 2200x800x800 or 2200x800x600? Dual or Swing Type?	No, the existing switchgear panel will need to be modified to accommodate the new digital metering, monitoring devices, and digital relays, among other things.
4. The electromechanical 13.8kV protection device that needs to be replaced with latest digital protection relay, please confirm if the meters need to be replaced also with digital meters to appropriately handle the interface of switchgear.	Yes, both 13.8kV protection devices and existing meters will be replaced with digital meters.
5. How is the 69kV Circuit Breaker controlled? Normally by SAS or MCSB. Please specify since it is not mentioned whether SAS OR MCSB is required.	The 69kV circuit breakers (CB) can be operated manually or remotely. Manual control operations are carried out through the panel beneath the 69kV CB, while the remote control mechanism is housed within the panel of Outdoor Low Voltage Switchgear (LVSG). (Note: the control mechanism of the 69kV PCB and Transformer is identical to that of the Narra S/S.)
6. Battery bank will be supplied as per Technical Specifications. Please confirm if this is a whole new one and the existing battery bank will be completely dismantled.	Yes, whole 125VDC battery bank of Roxas Substation will be replaced.
7. For new Battery Charger will be supplied, does it need to be integrated with the existing battery charger?	The new battery charger must be fully integrated, retrofitted and interfaced to match the existing battery charger configuration settings.

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