



NATIONAL POWER CORPORATION

SUPPLEMENTAL / BID BULLETIN NO. 4
To the Bid Documents for the

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF
UNIT-4 EXCITATION SYSTEM AT AGUS-6 HYDROELECTRIC POWER PLANT
PR NO. MG-A7M23-069/ REF. NO. PB230731-RA00198**

06 SEPTEMBER 2023

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

I. BID SUBMISSION/OPENING

<p><u>POSTPONED UNTIL FURTHER NOTICE</u> <i>(from Supplemental Bid Bulletin No.3 dated 15 August 2023)</i></p>	<p>19 September 2023 9:30 A.M. Kaňao Function Room</p>
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II. SECTION III – BID DATA SHEETS/ITB CLAUSE 10.4

FROM	TO
<p>The statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid (Form No. NPCSF-GOODS-03) shall be supported by the following documents to be submitted during Bid Opening:</p> <ol style="list-style-type: none"> 1. Contract/Purchase Order 2. Certificate of Acceptance; Certificate of Completion, Official Receipt (O.R), or Sales Invoice. 	<p>The statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid (Form No. NPCSF-GOODS-03) shall be supported by the following documents to be submitted during Bid Opening:</p> <ol style="list-style-type: none"> 1. Certificate of Acceptance; or Certificate of Completion; or Official Receipt (O.R); or Sales Invoice.

III. SECTION III – BID DATA SHEET / ITB CLAUSE 20.1

Inclusion of the following Additional Documents to be Submitted during the Post Qualification:

<p>d. Contract/Purchase Order for the submitted Single Largest completed Contract</p>
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**IV. SECTION VI- PART I -TECHNICAL SPECIFICATIONS
 CLAUSE TS-3.0 CONTRACT DURATION AND LOCATION**

FROM	TO
The contract duration is ONE HUNDRED FIVE (105) CALENDAR DAYS reckoned from the date stated in the Notice to Proceed.	The contract duration is ONE HUNDRED AND EIGHTY (180) CALENDAR DAYS reckoned from the date stated in the Notice to Proceed.

**V. SECTION VI- PART I -TECHNICAL SPECIFICATIONS
 CLAUSE TS-6.0 EXCITATION SYSTEM**

FROM	TO
The Excitation System shall be furnished complete with a dual digital automatic voltage regulator, excitation transformer, DC field circuit breaker thyristors, non-linear de-excitation resistor local operation terminal, AC bus or cable between the transformer and thyristor cubicle, DC bus or cable from the thyristor cubicles to the generator field brush terminals, and field flashing equipment including necessary switching equipment.	The Excitation System shall be furnished complete with a dual channel digital automatic voltage regulator, each with its corresponding auxiliary equipment (e.g., Analog/Digital I/O module, Digital Interface to the Thyristor Bridge, Interface for Thyristor Trigger Pulse), excitation transformer, DC field circuit breaker, thyristor, nonlinear de-excitation resistor local operation terminal, AC bus or cable between the transformer and thyristor cubicle, DC bus or cable from the thyristor cubicles to the generator field brush terminals, and field flashing equipment including necessary switching equipment.

**VI. SECTION VI- PART I -TECHNICAL SPECIFICATIONS
 CLAUSE TS-6.4.18 USER INTERFACES**

FROM	TO
The local HMI panel shall be a color at least 15-inch screen with touch technology and mounted on the cabinet door of the Excitation System.	The local HMI panel shall be a color with at least a 15-inch screen display or bigger with touch technology and mounted on the cabinet door of the Excitation System.

**VII. SECTION VI- PART II - TECHNICAL DATA SHEET
 CLAUSE 3.0 CURRENT TRANSFORMER**

FROM			
ITEM	DESCRIPTION	NPC REQUIREMENT	SUPPLIER'S DATA
3	Quantity	Three (3) units	
TO			
ITEM	DESCRIPTION	NPC REQUIREMENT	SUPPLIER'S DATA
3	Quantity	Three (3) units of CT	

**VIII. SECTION VI- PART II - TECHNICAL DATA SHEET
 CLAUSE 6.0 VOLTAGE REGULATOR**

FROM			
ITEM	DESCRIPTION	NPC REQUIREMENT	SUPPLIER'S DATA
6.4	Digital outputs	At least 35	
6.5	Analog input	At least 35	
6.21 (c)	Redundant Thyristor Bridge	Required	
TO			
ITEM	DESCRIPTION	NPC REQUIREMENT	SUPPLIER'S DATA
6.4	Digital output	At least 30	
6.5	Analog input	At least 20	
6.21 (c)	Redundant Thyristor Bridge and spare fuse	Required	

**IX. SECTION VI – TECHNICAL SPECIFICATIONS
CLAUSE TS-6.3 EXCITATION TRANSFORMER**

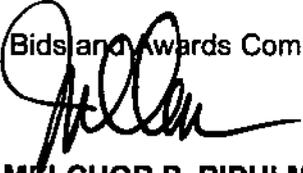
Inclusion of the following:

**The acceptable auxiliary supply test voltage range shall be from 380~480
VAC.**

All other terms and conditions shall remain the same.

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

For the Bids and Awards Committee:


ATTY. MELCHOR P. RIDULME
Vice President, OLC, and
Chairman, Bids and Awards Committee

◀ **SIG**