



# NATIONAL POWER CORPORATION

## SUPPLEMENTAL / BID BULLETIN NO. 2

### A61C REPLACEMENT OF UNIT 1 GOVERNOR SYSTEM UNDER PR NO. MG-A7M24-005 / PB240702-CM00307

08 JULY 2024

All prospective bidders and authorized copy holders of the Bid Documents of the mentioned project are hereby informed of the clarifications/changes in the Bid Documents, to wit:

#### A. BID SUBMISSION / OPENING SCHEDULE:

FROM	TO
<b><u>POSTPONED UNTIL FURTHER NOTICE</u></b>	16 July 2024 Kaňao Room 9:30 A.M.

#### B. SECTION VI – TECHNICAL SPECIFICATIONS (page VI-TS-1) TS-2.0 SCOPE OF WORK:

FROM	TO
5. Servicing, inspection and replacement of worn-out components of the existing hydraulic system to optimize performance, increase responsiveness and ensure seamless integration with the new digital controller.	5. Servicing, inspection and replacement of <b>all</b> components of the existing hydraulic system to optimize performance, increase responsiveness and ensure seamless integration with the new digital controller.

#### C. SECTION VI – TECHNICAL SPECIFICATIONS (page VI-TS-6) TS-7.0 DRAWINGS AND DOCUMENTS TO BE SUBMITTED:

FROM	TO
<p>a.2 Copy of Manufacturer/Distributor Authorization to Bid, directly addressed to the BAC-NPC, indicating therein the PR/Reference number.</p> <p>In case of authorized Distributor issues the authority to bid, it shall be accompanied by a Certificate of Authorized Distributorship from the Manufacturer.</p> <p>Note: Authorization to bid and Certificate of Distributorship from the Manufacturer shall be current and valid on the date of bid opening as advertised.</p> <p>a.3 Original Equipment Manufacturer (OEM)</p> <p>a.4 Authorized Manufacturer/Integrator/ Assembler of OEM Parts with corresponding Authorization Letter from the OEM.</p>	<p>a.2 Bid must be accompanied by an authorization to bid from any of the following:</p> <p>a.2.1. Original Equipment Manufacturer (OEM);</p> <p>a.2.2. Authorized Manufacturer/ Integrator/Assembler of OEM Parts with corresponding Authorization Letter from the OEM;</p> <p>a.2.3. Licensee of the OEM with corresponding License issued by the OEM;</p>





<p>a.5 Licensee of the OEM with corresponding License issued by the OEM.</p> <p>a.6 Distributor/Dealer, a Certificate of Authorized Distributorship/ Dealership from the OEM or Authorized Manufacturer of OEM parts or licensee of the OEM.</p> <p>In case the Certificate of Authorized Distributorship/Dealership is issued by the Authorized Manufacturer of OEM parts or Licensee of the OEM, it should be accompanied with corresponding Authorization Letter from the OEM per item (a.4) above.</p> <p>(The authority can be acquired from the OEM, Manufacturer of OEM Parts or Licensee of the OEM.)</p> <p>Note: Documents from a.2 to a.6 must be consularized during submission.</p>	<p>a.2.4. Distributor/Dealer, a Certificate of Authorized Distributorship/ Dealership from the OEM or Authorized Manufacturer of OEM parts or licensee of the OEM.</p> <p>In case the Certificate of Authorized Distributorship/ Dealership is issued by the Authorized Manufacturer of OEM parts or Licensee of the OEM, it should be accompanied with corresponding Authorization Letter from the OEM.</p> <p>Note: Authorization to bid and Certificate of Distributorship from the Manufacturer shall be current and valid on the date of bid opening as advertised and shall be directly addressed to the BAC-NPC indicating therein the PR Reference Number.</p>
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**D. SECTION VI PART II – TECHNICAL DATA SHEETS (page VI-TDS-2):**

FROM	TO
s. Integrated Tools for evaluation of control performance, such as stop response, and stimulated black-start test	s. Integrated Tools for evaluation of control performance, such as <b>step</b> response, and stimulated black-start test

**E. SECTION VII – SCHEDULE OF REQUIREMENTS (page VII-SOR-1)  
DESCRIPTION OF ITEM NO. 1.0:**


FROM	TO
A61C REPLACEMENT OF UNIT 1 GOVERNOR SYSTEM	A61C REPLACEMENT OF UNIT 1 GOVERNOR SYSTEM <b>in accordance with TS-2.0 Scope of Work in Part I of Section VI – Technical Specifications.</b>  (See attached Revised SOR)

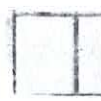
<b>CLARIFICATIONS: SECTION VI-TECHNICAL SPECIFICATIONS PART II – TECHNICAL DATA SHEETS</b>			
ITEM NO.	DESCRIPTION	NPC REQUIREMENT	CLARIFICATIONS
1.n	Actuators position control loop with PI+D structure and dead zone compensator	Required	The other name for the “dead zone compensator” is “dead band compensator”.
1.r	Quick Decision-Load pre-power static characteristic	Required	This refers to the characteristic of the governor controller for rapid response or decisions to load changes and power output.

<b>CLARIFICATIONS:</b>			
<b>SECTION VI-TECHNICAL SPECIFICATIONS</b>			
<b>PART II – TECHNICAL DATA SHEETS</b>			
1.s	Integrated Tools for evaluation of control performance, such as step response, and simulated black-start test	Required	<p><b>This tool allows the controller to:</b></p> <ol style="list-style-type: none"> <li>1. Perform a step response test, where a sudden change (step) is made to the input (e.g., desired speed or load), and the system's response is observed.</li> <li>2. Simulate a black start condition, where the generator must start up and synchronize with the grid from a complete shutdown without external power supply.</li> </ol> <p>The Philippine Grid Code (PGC) of 2016 mandates that all generating units operate in Governor Control Mode to assist with grid frequency regulation. The integrated tools, particularly the step response, enable generating units to comply with the PGC's frequency regulation requirements.</p>
1.u	Automatic starting processes, and configurable stop charging socket	Required	<p><b>This refers to the control feature that allows precise stopping and resetting of systems.</b></p>
1.y	Accessories	Remote Controller, Gate Limiter Control with position meter, Speed Setter Control with position meter, Gate Position and Speed meters, HMI for unit plant DCS	<p><b>The controllers, position and speed meters will be at the control room while the HMI will be installed on site.</b></p>

All other terms and conditions shall remain the same. Supplemental for clarifications shall only supersede the affected requirements.  
 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**  
 Senior Vice President & COO,  
 and Chairman, Bids and Awards Committee





**SECTION VII - SCHEDULE OF REQUIREMENTS**  
**A61C REPLACEMENT OF UNIT 1 GOVERNOR SYSTEM**

PR. NO. MG-A7M24-005

ITEM NO.	DESCRIPTION	QTY.- UNIT	C D E	UNIT PRICE FOR GOODS AND RELATED SERVICES TO BE SUPPLIED AND DELIVERED						TOTAL PRICE
				Unit Price of Goods Delivered up to Philippine Port <(Phil. Peso)	Import Duties & other Levies Imposed by Phil. Govt. (Phil. Peso)	Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso)	Local Transport from Port to Delivery Site <(Phil. Peso)	Labor (Installation, Testing and Commissioning) >(Phil. Peso)	Total Unit Price (E+F+G+H+I)	
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
1.0	A61C REPLACEMENT OF UNIT 1 GOVERNOR SYSTEM in accordance with TS-2.0 Scope of Work in Part I of Section VI - Technical Specifications.	1 LOT								
	----- Nothing Follows -----									

- \* Bidders shall enter a code representing the Country of Origin of all Imported Equipment, Materials and Accessories
- + Cost of equipment, freight, insurance, etc. up to Phil. port of entry
- < Unit Price for Local Transportation, Insurance and other local costs incidental to delivery of the goods from the Phil port of entry to final delivery site
- > Unit Price for Local Transportation, Insurance and other local costs incidental to delivery of the goods from local source to final delivery site

Note: Final delivery site of the equipment shall be at:

Agus 6&7 HPPC, Iligan, Lanao Del Norte

Code	Country of Origin

Name of Bidder: \_\_\_\_\_

Signature of Bidder: \_\_\_\_\_