



REPUBLIC OF THE PHILIPPINES
NATIONAL POWER CORPORATION
(Pambansang Korporasyon sa Elektrisidad)

BID DOCUMENTS

Name of Project : **AG5 REHABILITATION/UPGRADING OF
GENERATOR UNIT 2 EXCITATION SYSTEM**

P.R. NO. : **MG- A5M24-005**

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SECTION I

INVITATION TO BID



National Power Corporation

INVITATION TO BID

PUBLIC BIDDING – BCS 2024-0348

- The NATIONAL POWER CORPORATION (NPC), through its approved Corporate Budget of CY 2024 intends to apply the sum of **(Please see schedule below)** being the Approved Budget for the Contract (ABC) to payments under the contract. Bids received in excess of the ABC shall be automatically rejected at Bid opening.

PR Nos./PB Ref No. & Description	Similar Contracts	Pre-bid Conference	Bid Submission / Opening	ABC/ Amt. of Bid Docs
MG-A5M24-005 / PB240514-AM00223 (PB2) AG5 Rehabilitation / Upgrading of Generator Unit Excitation System	Supply, Installation and Commissioning of Hydro Power Plant's Excitation, Governor and/or Control & Protection Systems with generating capacity of at least 25MW and rated generator terminal voltage of at least 13.8kV	23 May 2024 9:30 A.M.	04 June 2024 9:30 A.M.	₱ 34,535,200.00 / ₱ 25,000.00
Venue: Kañao Function Room, NPC Bldg. Diliman, Quezon City				

- The NPC now invites bids for Items listed above. Delivery of the Goods is required (see table below) specified in the Technical Specifications. Bidders should have completed, within (see table below) from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. (Instruction to Bidders).

PR No/s. / PB Ref No/s.	Delivery Period / Contract Duration	Relevant Period of SLCC reckoned from the date of submission & receipt of bids
MG-A5M24-005	One Hundred Eighty (180) Calendar Days	Fifteen (15) Years

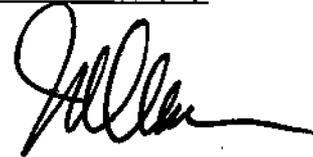
- Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183.

- Prospective Bidders may obtain further information from National Power Corporation, Bids and Contracts Services Division and inspect the Bidding Documents at the address given below during office hours (8:00AM to 5:00PM), Monday to Friday.
- A complete set of Bidding Documents may be acquired by interested Bidders from the given address and website(s) and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB. Bidding fee may be refunded in accordance with the guidelines based on the grounds provided under Section 41 of R.A. 9184 and its Revised IRR.
- The National Power Corporation will hold Pre-Bid Conference (see table above) and/or through video conferencing or webcasting which shall be open to prospective bidders. Only registered bidder/s shall be allowed to participate in the conduct of virtual pre-bid conference. **Unregistered bidders** may attend the Pre-Bid Conference at the Kañao Room, NPC subject to the following:

- a. Only a maximum of two (2) representatives from each bidder / company shall be allowed to participate during the virtual pre-bid conference.
 - b. Wearing of Face Masks is recommended but not required in view of Proclamation No. 297 S.2023 lifting the State of Public Health Emergency Throughout the Philippines
 - c. The requirements herein stated including the medium of submission shall be subject to GPPB Resolution No. 09-2020 dated 07 May 2020
 - d. The Guidelines on the Implementation of Early Procurement Activities (EPA) shall be subject to GPPB Circular No. 06-2019 dated 17 July 2019
7. Bids must be duly received by the BAC Secretariat through (i) manual submission at the office address indicated below; (ii) online or electronic submission before the specified time stated in the table above for opening of bids. Late bids shall not be accepted.
 8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB Clause 14**.
 9. Bid opening shall be in the Kañao Function Room, NPC Head Office, Diliman, Quezon City and/or via online platform to be announced by NPC. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
 10. The National Power Corporation reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of R.A. No. 9184, without thereby incurring any liability to the affected bidder or bidders.
 11. For further information, please refer to:
**Bids and Contracts Services Division,
Logistics Department**
Gabriel Y. Itchon Building
Senator Miriam P. Defensor-Santiago Ave. (formerly BIR Road)
Cor. Quezon Ave., Diliman, Quezon City, 1100
Tel Nos.: Tel Nos.: 8921-3541 local 5564/5713
Email: bcسد@napocor.gov.ph /
 12. You may visit the following websites:

For downloading of Bidding Documents: <https://www.napocor.gov.ph/bcsd/bids.php>



ATTY. MELCHOR P. RIDULME
Vice President, Office of the Legal Counsel and
Chairman, Bids and Awards Committee

SECTION II

INSTRUCTIONS TO BIDDERS

SECTION II – INSTRUCTIONS TO BIDDERS

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SECTION II – INSTRUCTIONS TO BIDDERS

1. Scope of Bid

The National Power Corporation (NPC or NAPOCOR) wishes to receive Bids for the **AG5 REHABILITATION/UPGRADING OF GENERATOR UNIT 2 EXCITATION SYSTEM**, with identification number **MG-A5M24-005**.

The Procurement Project (referred to herein as "Project") is composed of one (1) lot and will be awarded to one (1) Bidder in one complete contract, the details of which are described in Section VI (Technical Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below for CY 2024 in the amount of **₱34,535,200.00**.

2.2. The source of funding is the Corporate Operating Budget of the National Power Corporation.

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

5.2. Foreign ownership exceeding those allowed under the rules may participate when citizens, corporations, or associations of a country, included in the list

issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines.

The foreign bidder claiming eligibility by reason of their country's extension of reciprocal rights to Filipinos shall submit a certification from the relevant government office of their country stating that Filipinos are allowed to participate in their government procurement activities for the same item/product. The said certification shall be validated during the post-qualification of bidders.

- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to at least fifty percent (50%) of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

7. Subcontracts

- 7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The portions of Project and the maximum percentage allowed to be subcontracted are indicated in the **BDS**, which shall not exceed twenty percent (20%) of the contracted Goods.

- 7.2. The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in **ITB** Clause 5 to the implementing or end-user unit.
- 7.3. Subcontracting of any portion of the Project does not relieve the Supplier of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Supplier's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address and/or through videoconferencing/webcasting as indicated in paragraph 6 of the IB.

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in Section VIII (NPCSF-GOODS-01 - Checklist of Technical and Financial Documents).
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within Fifteen (15) Years prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.
- 10.4. The Statement of the bidder's Single Largest Completed Contract (SLCC) (NPCSF-GOODS-03) and List of all Ongoing Government & Private Contracts Including Contracts Awarded but not yet Started (NPCSF-GOODS-02) shall comply with the documentary requirements specified in the **BDS**.

11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in Section VIII (NPCSF-GOODS-01 - Checklist of Technical and Financial Documents).
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:

- a. For Goods offered from within the Procuring Entity's country:
 - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
 - ii. The cost of all customs duties and sales and other taxes already paid or payable;
 - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
 - iv. The price of other (incidental) services, if any, listed in the **BDS**.
- b. For Goods offered from abroad:
 - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
 - ii. The price of other (incidental) services, if any, as listed in the **BDS**.

13. Bid and Payment Currencies

13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

13.2. Payment of the contract price shall be made in Philippine Pesos.

14. Bid Security

14.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2. The Bid and bid security shall be valid for **One Hundred Twenty (120) calendar** days from the date of opening of bids. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

16. Deadline for Submission of Bids

16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

17. Opening and Preliminary Examination of Bids

17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

18. Domestic Preference

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

19. Detailed Evaluation and Comparison of Bids

19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.

19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 14 shall be submitted for each lot or item separately.

19.3. The descriptions of the lots or items shall be indicated in **Section VI (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.

19.4. The Project shall be awarded to one (1) Bidder in one complete contract.

19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the

NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

20. Post-Qualification

- 20.1. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

- 21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

SECTION III

BID DATA SHEET

SECTION III - BID DATA SHEET

ITB Clause	
5.3	<p>For this purpose, similar contracts shall refer to</p> <p><i>Supply, Installation and Commissioning of Hydro Power Plant's Excitation, Governor and/or Control & Protection Systems with generating capacity of at least 25MW and rated generator terminal voltage of at least 13.8kV.</i></p> <p>The Single Largest Completed Contract (SLCC) as declared by the bidder shall be verified and validated to ascertain such completed contract. Hence, bidders must ensure access to sites of such projects/equipment to NPC representatives for verification and validation purposes during post-qualification process.</p> <p>It shall be a ground for disqualification, if verification and validation cannot be conducted for reasons attributable to the Bidder.</p>
7.1	<p>Subcontracting may be allowed on transport, local/non-skilled labor under the supervision of the Bidder. The Bidder shall not be relieved from any liability or obligation that may arise from the performance of the Subcontractor.</p>
10.1	<p>The prospective bidder shall submit a valid and updated Certificate of PhilGEPs Registration under Platinum Membership (all pages including the Annex A of the said Certificate). Non-compliance shall be a ground for disqualification.</p>
10.4	<p>The list of on-going contracts (Form No. NPCSF-GOODS-02) shall be supported by the following documents for each on-going contract to be submitted during Post-Qualification:</p> <ol style="list-style-type: none"> 1. Contract/Purchase Order and/or Notice of Award 2. Certification coming from the project owner/client that the performance is satisfactory as of the bidding date <p>The bidder shall declare in this form all his on-going government and private contracts including contracts where the bidder (either as individual or as a Joint Venture) is a partner in a Joint Venture agreement other than his current joint venture where he is a partner. Non declaration will be a ground for disqualification of bid.</p> <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 <p>Any single bidder/s who already procured/secured the bidding documents but want to avail the Joint Venture Agreement (JVA) shall inform the BAC in writing prior to the bid opening for records and documentation purposes.</p>

<p>10.5</p>	<p>Bidders shall also submit the following requirements in their first envelope, Eligibility and Technical Component of their bid:</p> <ol style="list-style-type: none"> 1. Data and Information to be submitted with the Proposal as specified in <u>TS-7.0</u> of Section VI - Technical Specifications; 2. Complete eligibility documents of the proposed sub-contractor, if any
<p>12</p>	<p>The price of the Goods shall be quoted DDP Project Site or the applicable International Commercial Terms (INCOTERMS) for this Project.</p>
<p>14.1</p>	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <ol style="list-style-type: none"> a) The amount of not less two percent (2%) of ABC, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b) The amount of not less than five percent (5%) of ABC, if bid security is in Surety Bond.
<p>15.0</p>	<p>All bid submissions and related correspondences are confidential and for viewing only by the intended recipient/s. Any unauthorized access to review, reproduce, or disseminate the information contained therein is strictly prohibited. The National Power Corporation (NAPOCOR) does not guarantee the security of any information electronically transmitted.</p> <p>Bid submissions and related correspondences may contain personal and sensitive personal information, and are subject to the Data Privacy Act of 2012, its implementing rules, regulations and issuances of the National Privacy Commission of the Philippines ("Privacy Laws"). By viewing, using, storing, sharing and disposing (collectively "Processing"), such bids submissions and correspondences, you agree to comply with the Privacy Laws. By responding to correspondence, you consent to the Processing by NAPOCOR of the Personal Data contained in your submission/reply in accordance with NAPOCOR's Personal Data Privacy Policy which you can find at http://www.napocor.gov.ph.</p> <p>To report any privacy issue, contact the Data Privacy Officer at dpo@napocor.gov.ph.</p> <p>NAPOCOR is not liable for the proper and complete transmission of the information contained in bid submission/correspondences nor for any delay in its receipt.</p>
<p>19.3</p>	<p>The Goods are grouped together in one (1) lot and will be awarded to one (1) Bidder in one complete contract.</p> <p>Partial bid is not allowed. The Goods are grouped in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.</p> <p>The Bidders bid offer must be within the ABC of the lot.</p> <p>Bid offers that exceed the ABC of the lot or with incomplete price, shall be</p>

	rejected.
19.5	If the Bidder opted to submit a Committed Line of Credit (CLC), the bidder must submit a granted credit line valid/effective at the date of bidding.
20.1	<p>Additional documents to be submitted during Post-Qualification:</p> <ul style="list-style-type: none"> a. Class A-Eligibility Documents listed on the Annex A of Certificate of PhilGEPS Registration under Platinum Membership pursuant to Section 34.3 of the Revised IRR of R.A. 9184 b. Contract/Purchase Order and/or Notice of Award for the contracts stated in the List of all Ongoing Government & Private Contracts Including Contracts Awarded but not yet Started (NPCSF-GOODS-02); c. Certification coming from the project owner/client that the performance is satisfactory as of the bidding date for all ongoing contracts stated in Form NPCSF-GOODS-02; d. Contract/Purchase Order for the contract stated in the Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid (Form No. NPCSF-GOODS-03) e. Documents to be submitted during post-qualification process as specified in TS-8.0 item (b) of Section VI-Technical Specifications <p>Manufacturer's brochures, manuals and other supporting documents of equipment, materials, hardware and tools proposed by the bidders must comply with the technical specifications of such equipment, materials, hardware and tools. It shall be a ground for disqualification if the submitted brochures, manuals and other supporting documents are determined not complying with the specifications during technical evaluation and post-qualification process.</p> <p>Equipment, materials, hardware and tools proposed by the winning bidder to be supplied, which were evaluated to be complying with the technical specifications, shall not be replaced and must be the same items to be delivered/installed/used during the contract implementation. Any proposed changes/replacement of said items may be allowed on meritorious reasons subject to validation and prior approval by NPC.</p>
20.2	The licenses and permits relevant to the Project and the corresponding law requiring it as specified in the Technical Specifications, if any.
21.2	Notice to Proceed.

SECTION IV

**GENERAL CONDITIONS OF
CONTRACT**

SECTION IV – GENERAL CONDITIONS OF CONTRACT

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SECTION IV – GENERAL CONDITIONS OF CONTRACT

1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC)**.

2. Advance Payment and Terms of Payment

2.1. Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.

2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

3. Performance Security

3.1. Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

3.2. The performance bond to be posted by the Contractor must also comply with additional requirements specified in the **SCC**.

4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC, Section VI (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

5. Warranty

- 5.1 In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.
- 5.2 The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

6. Liability of the Supplier

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

SECTION V

SPECIAL CONDITIONS OF CONTRACT

SECTION V – SPECIAL CONDITIONS OF CONTRACT

GCC Clause	
1	<p>Delivery and Documents –</p> <p>The delivery terms applicable to the Contract is DDP delivered to the project site specified in the technical specifications, in accordance with INCOTERMS. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI – Technical Specifications. The details of shipping and/or other documents to be furnished by the Supplier are as follows:</p> <p><i>For Goods supplied from within the Philippines</i></p> <p>Upon delivery of the Goods to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents to the Procuring Entity:</p> <ul style="list-style-type: none"> (i) Original and four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount; (ii) Original and four copies of Supplier's factory test/inspection report; (iii) Original and four copies of the certificate of origin (for imported Goods); (iv) Delivery receipt detailing number and description of items received signed by the Procuring Entity's representative at the Project Site; (v) Certificate of Completion/Inspection Report signed by the Procuring Entity's representative at the Project Site; (vi) Original and four copies of the Inspection Receiving Report signed by the Procuring Entity's representative at the Project Site; (vii) Original and four copies of the Manufacturer's and/or Supplier's warranty certificate; and (viii) Documents specified in the Technical Specifications, if any. <p><i>For Goods supplied from abroad:</i></p> <p>Upon shipment, the Supplier shall notify the Procuring Entity and the insurance company by e-mail the full details of the shipment, including Contract Number, description of the Goods, quantity, vessel, bill of lading number and date, port of loading, date of shipment, port of discharge etc. Upon delivery to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents as applicable with the documentary requirements of any letter of credit issued taking precedence:</p> <ul style="list-style-type: none"> (i) Original and four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;

- (ii) Original and four copies of the negotiable, clean shipped on board bill of lading marked "freight pre-paid" and five copies of the non-negotiable bill of lading ;
- (iii) Original and four copies of Supplier's factory test/inspection report;
- (iv) Delivery receipt detailing number and description of items received signed by the Procuring Entity's representative at the Project Site;
- (v) Certificate of Completion/Inspection Report signed by the Procuring Entity's representative at the Project Site;
- (vi) Original and four copies of the Inspection Receiving Report signed by the Procuring Entity's representative at the Project Site;
- (vii) Original and four copies of the certificate of origin (for imported Goods); and
- (viii) Original and four copies of the Manufacturer's and/or Supplier's warranty certificate including all other documents specified in the Technical Specifications, if any.

For purposes of this Clause the Procuring Entity's Representative at the Project Site is VP - Mindanao Generations.

Incidental Services –

The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VII - Schedule of Requirements:

- a. performance or supervision of on-site assembly and/or start-up of the supplied Goods;
- b. furnishing of tools required for assembly and/or maintenance of the supplied Goods;
- c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
- f. Additional requirements specified in Section VI – Technical Specifications, if any.

The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

Spare Parts –

The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

1. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
2. in the event of termination of production of the spare parts:
 - i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
 - ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested

The spare parts and other components required are listed in **Section VI (Technical Specifications)** and **Section VII (Schedule of Requirements/Bid Price Schedule)** and the costs thereof are included in the contract price.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for the period specified in the Technical Specifications.

Spare parts or components shall be supplied as promptly as possible, but in any case, within three (3) months of placing the order.

Packaging –

The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.

The outer packaging must be clearly marked on at least four (4) sides as follows:

- Name of the Procuring Entity
- Name of the Supplier
- Contract Description
- Final Destination
- Gross weight

	<p>Any special lifting instructions Any special handling instructions Any relevant HAZCHEM classifications</p> <p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p>Transportation –</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p>Intellectual Property Rights –</p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
<p>2.2</p>	<p>Advance payment not to exceed fifteen percent (15%) of the contract amount shall be allowed and paid within sixty (60) calendar days from effectivity of the contract and upon the submission to and acceptance by the Procuring Entity of an irrevocable letter of credit or bank guarantee issued by a Universal or Commercial Bank. The irrevocable letter of credit or bank guarantee must be for an equivalent amount, shall remain valid until the goods are delivered, and accompanied by a claim for advance payment.</p>

All progress payments shall first be charged against the advance payment until the latter has been fully exhausted.

The terms of payment shall be as follows:

1) For Supply and Delivery Contracts:

- (a) On Contract Effectivity: Advance payment of Fifteen percent (15%) of the total Contract Price shall be paid within sixty (60) days from effectivity of the Contract and upon submission of a claim and an irrevocable letter of credit or bank guarantee issued by a Universal or Commercial Bank for the equivalent amount valid until the Goods are delivered and in the form provided in Section VIII- Bidding Forms.
- (b) On Delivery: Eighty percent (80%) of the Contract Price of the **delivered Goods** shall be considered for payment, less the total amount of advance payment, if any and other deductions. If the amount is sufficient to fully recoup the advance payment, the remainder after deductions shall be paid to the Supplier within sixty (60) days after the date of receipt of the Goods and upon submission of the documents (i) through (vi) specified in the SCC provision on Delivery and Documents. Otherwise, the total delivery payment shall be charged against the advance payment and the remaining advance payment will be fully recouped from the succeeding claims.
- (c) On Acceptance: The remaining twenty percent (20%) of the Contract Price of the **delivered Goods** shall be paid to the Supplier within sixty (60) days after the date of submission of the acceptance and inspection certificate for the respective delivery issued by the Procuring Entity's authorized representative. In the event that no acceptance certificate is issued by the Procuring Entity's authorized representative within forty five (45) days after successful test and commissioning, if required, the Supplier shall have the right to claim payment of the remaining twenty percent (20%) subject to the Procuring Entity's own verification of the reason(s) for the failure to issue documents (vii) and (viii) as described in the SCC provision on Delivery and Documents.

2) For Supply, Delivery, Installation, Test and Commissioning Contracts:

- (a) On Contract Effectivity: Advance payment of Fifteen percent (15%) of the total Contract Price shall be paid within sixty (60) days from effectivity of the Contract and upon submission of a claim and an irrevocable letter of credit or bank guarantee issued by a Universal or Commercial Bank for the equivalent amount valid until the Goods are delivered and in the form provided in Section VIII- Bidding Forms.
- (b) On Delivery: Eighty percent (80%) of the price of the **delivered Goods**, excluding price for installation, test and commissioning shall be considered for payment, less the total amount of advance payment, if any and other deductions. If the amount is sufficient to fully recoup the advance payment, the remainder after deductions shall be paid to the Supplier within sixty (60) days after the date of receipt of the Goods and upon submission of the documents (i) through (vi) specified in the SCC provision on Delivery and Documents. Otherwise, the total delivery

	<p>payment shall be charged against the advance payment and the remaining advance payment will be fully recouped from the succeeding claims.</p> <p>(c) On Acceptance: The remaining twenty percent (20%) of the price of the delivered Goods plus price for installation, test and commissioning shall be paid to the Supplier within sixty (60) days after the date of submission of the acceptance and inspection certificate for the respective delivery issued by the Procuring Entity's authorized representative. In the event that no acceptance certificate is issued by the Procuring Entity's authorized representative within forty five (45) days after successful test and commissioning, the Supplier shall have the right to claim payment subject to the Procuring Entity's own verification of the reason(s) for the failure to issue documents (vii) and (viii) as described in the <u>SCC</u> provision on Delivery and Documents.</p> <p>3) For Supply, Delivery, Installation, Test and Commissioning Contracts where Installation, Test and Commissioning prices are included in the supply price:</p> <p>(a) On Contract Effectivity: Advance payment of Fifteen percent (15%) of the total Contract Price shall be paid within sixty (60) days from effectivity of the Contract and upon submission of a claim and an irrevocable letter of credit or bank guarantee issued by a Universal or Commercial Bank for the equivalent amount valid until the Goods are delivered and in the form provided in Section VIII- Bidding Forms.</p> <p>(b) On Delivery: Sixty percent (60%) of the price of the delivered Goods shall be considered for payment, less the total amount of advance payment, if any and other deductions. If the amount is sufficient to fully recoup the advance payment, the remainder after deductions shall be paid to the Supplier within sixty (60) days after the date of receipt of the Goods and upon submission of the documents (i) through (vi) specified in the <u>SCC</u> provision on Delivery and Documents. Otherwise, the total delivery payment shall be charged against the advance payment and the remaining advance payment will be fully recouped from the succeeding claims.</p> <p>(c) On Acceptance: The remaining forty percent (40%) of the price of the delivered Goods shall be paid to the Supplier within sixty (60) days after the date of submission of the acceptance and inspection certificate for the respective delivery issued by the Procuring Entity's authorized representative. In the event that no acceptance certificate is issued by the Procuring Entity's authorized representative within forty five (45) days after successful test and commissioning, the Supplier shall have the right to claim payment subject to the Procuring Entity's own verification of the reason(s) for the failure to issue documents (vii) and (viii) as described in the <u>SCC</u> provision on Delivery and Documents</p>
<p>3.2</p>	<p>1. The following must be indicated in the performance bond to be posted by the Contractor:</p> <ul style="list-style-type: none"> i. Company Name ii. Correct amount of the Bond iii. Contract/Purchase Order Reference Number

	<p>iv. Purpose of the Bond: "To guarantee the faithful performance of the Principal's obligation to undertake <u>(Contract/Purchase Order Description)</u> in accordance with the terms and conditions of <u>(Contract No. & Schedule/Purchase Order No.)</u> entered into by the parties."</p> <p>2. The bond shall remain valid and effective until the duration of the contract <u>(should be specific date reckoned from the contract effectivity)</u> plus sixty (60) days after NPC's acceptance of the last delivery/final acceptance of the project.</p> <p>3. In case of surety bond, any extension of the contract duration or delivery period granted to the CONTRACTOR shall be considered as given, and any modification of the contract shall be considered as authorized, as if with the expressed consent of the surety, provided that such extension or modifications falls within the effective period of the said surety bond. However, in the event that the extension of the contract duration or delivery schedule would be beyond the effective period of the surety bond first posted, it shall be the sole obligation of the CONTRACTOR to post an acceptable Performance Security within ten (10) calendar days after the contract duration/delivery period extension has been granted by NPC.</p> <p>4. Other required conditions in addition to the standard policy terms issued by the Bonding Company:</p> <ul style="list-style-type: none"> i. The bond is a penal bond, callable on demand and the entire amount thereof shall be forfeited in favor of the Obligee upon default of the Principal without the need to prove or to show grounds or reasons for demand for the sum specified therein; ii. The amount claimed by the Obligee under this bond shall be paid in full and shall never be subject to any adjustment by the Surety; iii. In case of claim, the Surety shall pay such claim within sixty (60) days from receipt by the Surety of the Obligee's notice of claim/demand letter notwithstanding any objection thereto by the Principal.
<p>4</p>	<p>The inspections and tests that will be conducted are specified in the Technical Specifications.</p>

SECTION VI

TECHNICAL SPECIFICATIONS

PART I - TECHNICAL SPECIFICATIONS

SECTION EW - ELECTRICAL WORKS

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Section VI – Technical Specifications

PART I – TECHNICAL SPECIFICATIONS

TS-1.0 GENERAL

This specification covers the technical requirements for the **AG5 REHABILITATION/UPGRADING OF GENERATOR UNIT 2 EXCITATION SYSTEM OF AGUS 5 HPP**

All supplied instruments and accessories shall be new and unused. They shall be suitable for the intended purpose and shall comply with all applicable regulations, quality, and dimension standards.

The Supplier shall accept full responsibility for his work including documentation, preparation for shipment, inspection, warranty provisions, and compliance with the applicable codes and standards and the requirements of this Specification.

TS-2.0 SCOPE OF WORK

The scope of works shall cover but not be limited to the following:

1. Preparation of Materials/resources onsite and site evaluation.
2. Verification and tagging of power cables for DC supply, Field Breaker Switch, Excitation Transformer, CT, PT and other connections from existing excitation panel.
3. Dismantling and removal of old excitation panel system along with its accessories and haul to Agus5 HPP Material Recovery Facility (MRF).
4. Cleaning and clearing of the area where old system is removed.
5. Supply, Delivery and Installation of the complete set of new excitation system along with its accessories. The installation site is indoor. Conduct confirmatory electrical tests thru CMTSD before and after installation.
6. Assembly and interconnections of excitation panels, wiring connections and busbar.
7. Termination of cable connection for DC supply, Field breaker switch and excitation transformer.
8. Reconnections to existing PT/CT, line connections and generator breakers.
9. Laying of control and signal wires from local to control room for protection relays, switches and indicator lamp.
10. Termination of control cables and wires for protection relays, switches and indicator lamp and sequencer, if necessary.
11. Operational checks of cooling fans, breakers and other devices such as sensors, transducer, alarms and protective devices.
12. Revalidation of wiring connections on terminal blocks and cable connections.
13. Testing of excitation, functional and protection to be witness by Agus 5 HPP and CMTSD personnel.

14. Cold commissioning & fine tuning of the new excitation system as per Agus 5 HPP parameter settings to be witnessed by Agus 5 HPP and CMTSD personnel.
15. Hot Commissioning of the new excitation system to be witnessed by Agus 5 HPP and CMTSD personnel.
16. Conduct factory acceptance tests (FAT) at the manufacturer's facility to be witnessed personally by two (2) NPC representatives. Costs of travel during FAT should be shouldered by the supplier/contractor.
17. Install the panel space heaters for the excitation transformer panel. Conduct test and commissioning for the said space heaters.
18. Configure and program the new excitation system according to the ideal specifications of the synchronous machine technical data. Conduct Interfacing of the new excitation system to the control room for remote operation.
19. Conduct test and commissioning of the new excitation system according to the IEEE or IEC standards to be witnessed by Agus 5 HPP and CMTSD personnel.
20. Conduct the required training and technology transfer to Agus 5 HPP and CMTSD personnel by the principal as per the contract requirements.

The following shall be included in the Supplier's scope of work:

1. The Supplier shall be responsible for visiting the delivery site and take particular reference to its accessibility, means of transportation, and all other factors that should be considered in carrying out the contract.
2. Provide equipment, tools, instruments, and consumables necessary during equipment testing for satisfactory completion of the work; and
3. Submission of pertinent documents as per TS-8.0 Drawings and Documentation to be Submitted.

TS-3.0 DELIVERY PERIOD AND LOCATION

The delivery period shall be **ONE HUNDRED EIGHTY (180) CALENDAR DAYS** from receipt of NTP.

The materials to be supplied shall be delivered to **Agus 5 HPP, Ditucalan, Iligan City, Lanao Del Norte.**

TS-4.0 CODES AND STANDARD

The equipment furnished shall be by, but not limited to, the latest issues of the following codes and standards, including all addenda, in effect at the time of purchase order unless otherwise stated in this specification:

General Excitation System Standards

1. IEEE 421.1: Standard Definitions for Excitation Systems for Synchronous Machines
2. IEEE 421.2: Identification, Testing and Evaluation of the Dynamic Performance of Excitation Control Systems

3. IEEE 421.3: Standard for High Potential Test Requirements for Excitation Systems for Synchronous Machines
4. IEEE 421.4: IEEE Guide for the Preparation of Excitation System Specifications
5. IEEE 421.5: Recommended Practice for Excitation System Models for Power System Stability Studies
6. IEEE 421.6: Recommended Practice for the Specification and Design of Field Discharge Equipment for Synchronous Machines
7. IEC 60146-1-1:2009 Semiconductor Converters - General requirements and line commutated converters - Part 1-1: Specification of basic requirements
8. IEC 60076-1:2011 Power transformers - Part 1: General
9. IEC 60664-1:2007 Insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests
10. IEC 61439-1:2009 Low voltage switchgear and control gear assemblies - Part 1: General rules
11. EN 50178:1997 Installation of electronic devices in heavy-current plants
12. IEC 61131-3:2003 Programmable controllers - Part 3: Programming languages

The latest edition of each standard shall mean the latest edition available at the date of contract signing.

In addition to the above codes and standards mentioned, the Supplier shall comply with all National and local laws, codes, regulations, statutes, and ordinances.

Equipment or materials meeting other internationally accepted standards, which ensure an equal or higher quality than the standards mentioned, will also be accepted.

In the event of any apparent conflict among standards, codes, or this specification, the Supplier shall refer the conflict to NPC for written resolution before the start of fabrication. The final decision regarding the acceptance of proposed standards is the prerogative of NPC.

Standards listed in the equipment specification are used mainly for NPC's references. Other internationally known standards, however, shall also apply, provided such standards are equivalent in all respect to the standard prescribed and to the specific requirements described in the individual equipment specification. The Supplier shall submit copies of such standards for NPC's review and approval.

TS-5.0 WORKMANSHIP

Workmanship shall be of first-class quality and by the best modern engineering practice for the manufacture, assembly, and test of equipment. All works shall be done by personnel skilled in the related professions and trades. All parts shall be made accurately to standard gauges to facilitate replacement and repairs. All special gauges and templates necessary for field erection shall become the property of NPC.

The parts or components shall be designed and arranged so that they can be easily inspected, cleaned, erected, and dismantled without involving large-scale dismantling. They shall be designed and manufactured by the latest recognized rules of workmanship and modern engineering practice.

The Supplier shall be responsible for all the damages that occurred during the implementation of the project. Any equipment (existing and/or new) and facilities that will be damaged shall be replaced and/or repaired by the Supplier at no additional cost to NPC.

TS-6.0 TECHNICAL REQUIREMENTS

TS-6.1 General

This specification covers the technical and associated requirements for the Excitation System and accessories for use in Agus 5 HPP Generator Unit 2. The requirements of the project indicated in the Technical Data Sheets and the equipment details are in the same section and volume of the Specification.

It is not NPC's intent to specify all technical requirements nor to set forth those requirements adequately covered by applicable codes and standards. The Supplier shall furnish a high-quality Excitation System meeting the requirements of the specification and industry standards.

TS-6.2 Standard

The equipment furnished shall be by, but not limited to, the latest issues of the following codes and standards, including all addenda, in effect at the time of purchase order unless otherwise stated in this specification:

SAFETY STANDARDS

- DIN EN ISO 12100-1:2003 Safety of machinery - Basic concepts, general principles for design - Part 1: Basic terminology, methodology
- DIN EN ISO 12100-2:2003 Safety of machinery - Basic concepts, general principles for design - Part 2: Technical principles
- EN 60204-1:2006 Safety of machinery - Electrical equipment of machines - Part 1: General requirements

QUALITY STANDARDS

- ISO 9001:2015 Quality Management System
- ISO 14001:2015 Environmental Management System
- ISO 45001:2018 Safety Management System

EC DIRECTIVES

- Directive 2004/108/ EC Electromagnetic Compatibility (EMC)
- Directive 2006/95/ EC Low Voltage (LVD)

ENVIRONMENTAL STANDARDS

- IEC 60068-1:1988 Environmental testing - Part 1: General and guidance
- IEC 60068-2-1:2007 Environmental testing - Part 2-1: Tests - Test A: Cold
- IEC 60068-2-2:2007 Environmental testing - Part 2-2: Tests - Test B: Dry heat

- IEC 60068-2-30:2005 Environmental testing - Part 2-30: Tests - Test Db: Damp heat
- IEC 60068-2-13:1983 Environmental testing - Part 2: Tests - Test M: Low air pressure
- EN 60529:2000 Enclosure Protection Classes (DIN IP Code)
- IEC 60255-21-1:1988 Electrical relays - Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipment - Section One: Vibration tests
- IEC 60255-21-3:1993 Electrical relays - Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipment - Section 3: Seismic tests

EMC STANDARDS

- IEC 61000-6-4:2006 EMC-Part 6-4: Generic standards, emission standard for industrial environments
- IEC 61800-3:2004 Adjustable speed electrical power drive systems - Part 3: EMC product standard including specific test methods. See Annex D, Fig. D1
- IEC 61000-6-2:2005 EMC-Part 6-2: Generic standards, immunity for industrial environments
- IEC 61000-4-2:2008 EMC-Part 4-2: Electrostatic discharge immunity test [ESD]
- IEC 61000-4-3:2007 EMC-Part 4-3: Radiated, radio-frequency electromagnetic field immunity test [RFI]
- IEC 61000-4-4:2004 EMC-Part 4-4: Electrical fast transient/burst immunity test [Burst]
- IEC 61000-4-5:2005 EMC - Part 4-5: Surge immunity test [Surge]
- IEC 61000-4-6:2003 EMC - Part 4-6: Immunity to conducted disturbances induced by radio frequency fields [Current Injection]
- IEC 61000-4-11:2004 EMC - Part 4-11: Voltage dips, short interruptions and voltage variations immunity tests
- IEC 60255-22-1:2007 Electrical relays - Part 22-1: Electrical disturbance tests for measuring relays and protection equipment - 1MHz burst immunity tests [SWC]

TEST VOLTAGES

- IEEE Std 421.3:1997 IEEE Standard for High-Potential Test Requirements for Excitation Systems for Synchronous Machines
- IEC 60255-5:2000 Electrical relays - Part 5: Insulation tests for electrical relays
- IEC 60034-1:2010 Rotating electrical machine - Part 1: Rating and performance
- ANSI C50.10:1990 Rotating Machinery - Synchronous Machines

These codes and standards set forth the minimum requirements which may be exceeded by the Supplier, if, in the Supplier's judgment and with NPC's acceptance, superior or more economical designs or materials are available for successful and continuous operation of the Supplier's equipment as required by this specification.

TS-6.3 Design Requirements**TS-6.3.1 Functional Features of the System**

The basic features of excitation system are the following:

- a. Automatic voltage regulation
- b. Signal acquisition of single- or 3-phase machine terminal voltage and current
- c. Softstart
- d. Adjustable active/reactive current influence
- e. Imposed power factor regulator (PF)
- f. Direct controlled power factor regulator (PF)
- g. Imposed reactive power regulator (Q)
- h. Direct controlled reactive power regulator (Q)
- i. Power system stabilizer (PSS) type 2A/2B according to IEEE Std. 421.5:2005

The standard PSS package should have the following:

- a. Parameter sets for the unit to be commissioned
- b. Step-response test, conducted during commissioning
- c. Commissioning report, containing step-response test conducted during commissioning
- d. Cross-current compensation
- e. Line charging
- f. Back-to-back starting sequence
- g. Q and/or P droop/compensation (active/reactive power influence)

TS-6.3.2 Limiters

Limiters should include the following:

- a. Maximum field current limiter
- b. Minimum field current limiter
- c. Over excitation stator current limiter
- d. Under excitation stator current limiter
- e. P/Q under excitation limiter
- f. V/Hz limiter
- g. Cold gas dependent limiter

TS-6.3.3 Monitoring And Protective Functions

Monitoring and Protective functions should include the following:

- a. Potential Transformer (PT) monitoring
- b. Field over current protection
- c. V/Hz-protection
- d. P/Q-based loss of field protection
- e. Rotor temperature monitoring
- f. DC overvoltage protection (BOD & crowbar)
- g. Rotor insulation monitor for main generator
- h. Thyristor converter branch fault protection
- i. Power section signal monitoring
- j. Conduction monitoring
- k. Input voltage (USYN) monitoring

TS-6.3.4 Mechanical Design

All AVR components must be mounted in a standard frame inside a metallic cubicle. The cubicle must be built with a rigid frame and covering sheet metals with the following specification.

Panel construction system	Standard
Swing frame	The control equipment is assembled on a swing frame in the control cubicle
Protection degree	IP21
Sheet metal thickness	1.5 mm (without mounting devices)
Surface painting	Standard RAL 7035 structured color. The zinc-plated back walls are not painted. The dry layer's thickness is min 60 m μ
Cabling	Within the excitation system, black/blue/yellow-green wires
Cabling	The wires are of Radox PVC free. Cross sections vary according to load current from 0.75 mm ² for control connections up to 2.5mm ² for current transformer circuits. Different prefabricated system cables are used (multicore types with plugs).
Terminals	The measuring circuits are provided with disconnectable PHOENIX terminals for 6 mm ² wires. Standard 2.5 mm ² PHOENIX terminals provide the control and signal circuits interfacing.
Wire marking	All cables are marked with the corresponding terminal number (at destination side).
Door locks	Double bit door lock for control cubicle, triangular door lock for all other cubicles
Labeling	Each compartment is identified by the cubicle identification (+EM, +ER, +EA, +EG, +EE etc.).
Labeling	Each compartment is identified by a KKS number.
Access	The system is accessible from the front. Backside plates can be removed by unscrewing the connections.
Cubicle lighting	1 x Lighting in the control cubicle
Cubicle heating	Anti-condensation heating thermostat-controlled
Sockets	1 x German style socket in the control cubicle for commissioning purpose

TS-6.3.5**Excitation Control Terminal (ECT) Software**

ECT software must include the following:

- a. Operation control
- b. Signal and status monitoring

- c. Parameter setting
- d. Event logging
- e. Slow trending display up to 12 adjustable signals
- f. Fast trending display up to 8 adjustable signals
- g. Transient recording display up to 8 adjustable event-triggered signals

TS-6.3.6 Other Technical Features of Excitation System

- a. Easy detached installation of the control cubicle
- b. Very fast 400 MHz CPU with 64 bit floating point calculation
- c. Fiber optic connection between the PCBs for redundant 10 Mbit data exchange, for maximum EMC immunity and for galvanic isolation
- d. Data acquisition of analog input signals (UG, IG & USyn) with a processing accuracy better than 0.5 %
- e. 28-channel data recorder by 2,000 points per channel with 1.5 ms sample time (max. 2.25 s records)
- f. Event Logger with the last 2,000 entries with 1 ms accuracy including date - and time stamp
- g. Full lifecycle management up to 25 years
- h. Easy monitoring and operation by local or remote Excitation Control Terminal (ECT)
- i. Easy time synchronization by Simple Network Time Protocol (SNTP) signal via Ethernet
- j. Serial interface with several protocols: OPC, MODBUS TCP, MODBUS RTU & PROFIBUS DP
- k. Built-in digital generator model in each AVR cubicle for off-line simulation
- l. On-line maintenance of converters
- m. Provision for remote diagnostic via Internet (Additional service contract required to activate this feature)

TS-6.3.7 Engineering And Documentation

All project-specific documentation must be submitted in 3 sets in hard bond and in soft copy form as follows:

Documentation sets	Provided electronically on a data storage (e.g. USB stick)
Single Line Diagram	Provided electronically on a data storage (e.g. USB stick)
Mechanical Drawing	Drawing of cubicle outside, Provided electronically on a data storage (e.g. USB stick)
Guideline for Safety and Installation	Provided as preprint hardcopy, filed in the diagram pocket in the control cubicle. Document contains: <ul style="list-style-type: none"> a. Safety instructions b. Transportation, storage and decommissioning c. Mechanical installation d. Electrical installation
User Manual	Provided electronically on a data storage (e.g. USB stick) Document contains: <ul style="list-style-type: none"> a. Scope of supply (system overview) b. Safety instructions

	<ul style="list-style-type: none"> c. Transportation, storage and decommissioning d. Mechanical installation e. Electrical installation f. Commissioning (short form) g. Operation h. Preventive maintenance i. Troubleshooting
Electrical Diagram	Provided electronically on a data storage (e.g. USB stick)
Factory and Commissioning Test Report	Provided electronically on a data storage (e.g. USB stick)
Recommended Spare Parts	Provided electronically on a data storage (e.g. USB stick)
Declaration of EC Conformity	Provided electronically on a data storage (e.g. USB stick)
Applicable Standards	Provided electronically on a data storage (e.g. USB stick)
System Description	Provided electronically on a data storage (e.g. USB stick)
Operating Instructions	Provided electronically on a data storage (e.g. USB stick) Document contains descriptions for: <ul style="list-style-type: none"> a. Converter b. HMI
Data Sheets Control Components	Provided electronically on a data storage (e.g. USB stick), available only in English
Data Sheets Supplier Components	Provided electronically on a data storage (e.g. USB stick)
Plant Layout	Provided electronically on a data storage (e.g. USB stick)
Language	English (full documentation)

TS-6.3.8 Training Requirements

The Supplier shall provide Local Training (on-site or in the designated facilities by the Supplier) to be attended by at least Ten (10) NPC personnel. The Supplier shall consider the training in the bid proposal and include it in the cost of the equipment.

The Supplier shall provide training in the form of drawing instructions and/or audiovisuals.

The training material shall include but not be limited to the following topics:

1. Handling and Storage
2. Installation, Operation, and Maintenance
3. Environmental Performance
4. Electrical and Mechanical Performance
5. Basic Troubleshooting and Disposal

The Supplier shall also provide local training regarding the proper use and maintenance of the equipment.

TS-7.0 ADMINISTRATIVE AND DOCUMENTARY REQUIREMENTS

The following are the administrative and documentary requirements:

- a. Site inspection at AGUS 5 HPP to be conferred with the end-user about specific requirement and other technical details necessary for the project. Supplier shall secure site inspection certificate to be issued/signed by the Plant Manager or his authorized personnel.
- b. Certificate of Warranty issued by the bidder shall be ONE (1) year reckoned from the date of final acceptance.
- c. Certificate of After Sales Support issued by bidder shall be FIVE (5) years reckoned from the expiry of the warranty period.
- d. The supplier/contractor shall be a certified or authorized distributor of **Exciter System together with its major components** and must have a valid certification on the day of submissions of bids.
- e. Copy of the (brochure, drawing, technical data sheet, manufacturer unconditional statements) in full color or original CD of the manufacturer of the following items:
 - i. Exciter
 - ii. Automatic Voltage Regulator (AVR)
 - iii. Thyristors
 - iv. HMI
 - v. ECT Software
- f. All materials to be used and incorporated into the equipment shall be brand new and unused. They shall be suitable for the intended purpose and shall comply with all applicable regulations, quality and standards.
- g. In the event that any damage should occur due to the carelessness, negligence or fault of the Supplier/ Contractor, they shall repair or replace all damaged items of the system at their own expense and to the satisfaction of NPC.
- h. The system and related components shall be compatible with the voltage/current used at existing plant equipment.

TS-7.1 Manpower Requirements

The supplier must submit Copy of Valid license / Certificate as part of eligibility requirements (To be included in Technical Component Envelope) for:

- a. Project Engineer: Registered Electrical Engineer (EE)/ Electronics Engineer (ECE)
- b. Technician: Registered Master Electrician (RME)/Electronics Technician (ECT)
- c. Safety Officer 2 (SO2): DOLE Certified BOSH/COSH Safety Officer SO2
- d. Commissioning Engineer with copy of certificate of experience from the manufacturer

The supplier must have a local technical engineer with proper training and expertise on Excitation System who is knowledgeable to respond on technical matters within 24 hours. Qualified technical engineer must at least have seven (7) years similar experience related to supervision, testing, commissioning and troubleshooting of excitation system supported with proof reflecting the projects attended and completed. A certificate issued by the manufacturer that the local

personnel has completed Excitation System training for the product being offered.

TS-8.0 DATA AND DOCUMENTS TO BE SUBMITTED

Suppliers-furnished data and information shall be the guaranteed performance data, predicted performance, interface requirements and construction features of the equipment to be furnished. The Supplier's sole responsibility is the accuracy of such information and its compatibility with overall performance requirements specified by NPC.

All information submitted as part of the Proposal Data will become part of the contract data for the successful Supplier. Any deviation from such data requires NPC's approval.

- a. To be submitted with the bid:
 - a.1 Completely filled in **Section 1.0** of the Technical Data Sheets (TDS);
 - a.2 Proposed outline Drawing Assembly;
 - a.3 Original copy of Manufacturer's Authorization to bid directly addressed to the BAC-NPC indicating therein the PR/Reference Number for the following Equipment:
 - 1. Excitation System
 - 2. Automatic Voltage Regulator
 - 3. Thyristors

If the authorized distributor issues the authority to bid, a Certificate of Authorized Distributorship from the manufacturer shall accompany it.

Note: Authorization to bid and Certificate of Distributorship from the Manufacturer shall be current and valid for at least Six (6) months from the date of bid opening as advertised.

- b. To be submitted during post-qualification:
 - b.1 Letter of Confirmation from the Manufacturer that a local agent or representative can provide "After Sales Services" to the supplied equipment, stating his full support. Name, address and contact number/person shall be provided;
 - b.2 Manufacturer's complete set of Brochures/Catalogues which contain information/data to support the Supplier's submitted filled-out Technical Data Sheets;
 - b.3 Certificate from their customer (end-user) duly addressed to the Supplier that the supplied equipment is/are like the items subject for bidding and has performed satisfactorily in service. The certification must indicate the PR/Reference Number and date of issuance
 - b.4 Work Plan/Schedule (Bar Chart)
- c. To be submitted before or upon delivery:
 - c.1 "Certificate of Origin" from the Manufacturer;

- c.2 "Warranty Certificate" for one (1) year against factory defects/quality;
 - c.3 Quality Assurance or Quality Inspection Certificate from the Manufacturer;
 - c.4 User Manual in Three (3) copies;
 - c.5 Brochure, Catalogue & Technical Specifications;
 - c.6 Type Test Certificate with Test Reports in Five (5) copies;
 - c.7 Routine and Quality Conformance Certificate with Test Reports in Five (5) copies;
 - c.8 Certified Test and Inspection Reports duly signed and witnessed by NPC representative; and
- d. To be submitted after installation or commissioning:
- d.1 As-built drawing/diagrams as finally approved; and
 - d.2 Three (3) sets of Operation and Maintenance Manual in the English language, including three (3) sets of CD/USB;

Note: The date by which "as-built" drawings and operating and maintenance manuals are required within thirty (30) calendar days after contract completion.

All documents specified in TS-8.0 item (c) and (d) shall be submitted to the Plant Manager, Agus 4&5 HPPC for evaluation and approval before the issuance of the acceptance certificate.

TS-9.0 ACCEPTANCE CRITERIA

The Supplier shall perform at his own expense all inspections required to ensure the adequacy of design, material, workmanship, and conformance of the supplied Excitation System and accessories to the requirements of the specifications and standards.

The equipment/component shall be subjected to the Manufacturer's Standard Factory Tests before delivery.

Upon the arrival of the Excitation System and accessories at the delivery site, NPC and the Supplier or their authorized representatives shall jointly verify the Excitation System and accessories following the steps below:

- a. Inspection and verification of the packing list;
- b. Visual inspection of the condition of the packing and its surfaces; and
- c. Partial opening of the crates/boxes and plastic sheet protection of instrument to verify the content and its physical condition and to check pilferage or damage during shipment and storage.

A record shall be prepared carefully noting all eventual shortages, defects, or damages, signed by the Supplier and concurred by NPC. All shortages and damages noted shall be immediately replaced by the Supplier at his own cost and shall ensure the timely delivery of replacement without affecting the agreed overall contract implementation schedule.

Acceptance certificate shall be issued only upon completion of the following:

- a. The required equipment/component is satisfactorily inspected and delivered to Agus 5 HPP. Inspection result is acceptable to NPC's authorized plant personnel;
- b. Submission of documents as specified hereto in Clause TS-8.0.

If the equipment delivered failed to pass inspection, NPC may at his judgment, direct the Supplier to make necessary replacements.

TS-10.0 MEASUREMENT OF PAYMENT

Payment will be made at the contract unit price for each corresponding item in the Schedule of Requirements. Payment thereof shall constitute the full compensation for the supply, delivery, installation, testing, and commissioning of the equipment/component including accessories.

SECTION VI - Technical Specifications

Part II – Technical Data Sheets

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SECTION	DESCRIPTION	PAGE
1.0	AG5 REHABILITATION/UPGRADING OF GENERATOR UNIT 2 EXCITATION SYSTEM OF AGUS 5 HPP	VI-TDS-1

SECTION VI - Technical Specifications

Part II – Technical Data Sheets

AG5 REHABILITATION/UPGRADING OF GENERATOR UNIT 2 EXCITATION SYSTEM OF AGUS 5 HPP

- a. The Bidder shall complete this technical data sheet and submit the filled-up form with the technical proposal. The Bidder shall use continuation sheets as necessary for any other additional information keeping to the format shown herein or by reproducing the same.
- b. NPC reserves the right to reject Bids without proper and/or specific data and information as required herein.
- c. The data required are technical features and characteristics of the Equipment/component/material to be provided by the bidder. Bidder's proposal shall at least be equal or superior to the requirements specified by NPC.

1.0 POWER TRANSFORMER

ITEM	DESCRIPTION	NPC REQUIREMENTS	SUPPLIER'S DATA
EXCITER			
1.	Manufacturer	By Contractor	
2.	Place of Manufacture	By Contractor	
3.	Brand/Model	By Contractor	
4.	Current at Continuous maximum rating	814 ADC	
5.	Voltage at Continuous maximum rating	293.8 VDC	
6.	Capacity at Continuous maximum rating	239KW	
7.	Negative/Positive Ceiling Voltage	452VDC	
8.	Response Time	Minimum of 20ms	
9.	Designed for Remote Control	Yes, via Ethernet	
10.	Operating Temperature	135°C	
11.	Digital AVR System with touch panel	Included	
12.	Power System Stabilizer	Included	
13.	Redundant System	Yes	
AUTOMATIC VOLTAGE REGULATOR			
1.	Manufacturer	By Supplier	
2.	Place of Manufacture	By Supplier	
3.	Type of AVR Regulator	Digital	

Name of Bidder: _____

Signature of Bidder: _____

	System Configuration	Single AVR System with dual converters	
5.	Components		
	a. Converter (Regulator) Controller	2 sets (Redundant System)	
	b. Interface Card	2 set	
	c. System Controller	2 set	
	d. Power Supply Module	2 set	
	e. MCCB	1 set	
	f. Auxiliary Relay	1 set	
	g. Auxiliary Equipment	1 set	
THYRISTORS			
1.	Manufacturer	By Supplier	
2.	Place of Manufacture	By Supplier	
3.	Components		
	a. Thyristor Bridge	Minimum of 2 sets	
	b. Pulse Amplifier	Minimum of 2 sets	
	c. Power Supply Unit for PLA	Minimum of 2 sets	
	d. Arrester	1 set	
	e. Auxiliary Equipment	1 set	
Design Concept (Redundant System)			
1.	Single AVR System with two (2) converting systems and optional manual bridge switching (For the details, please see attached diagrams Option 1 & 2)	Yes	
Spare Parts			
1.	Cooling Fan	1 pc.	
2.	Thyristor	3 pcs	
3.	Sets of relays	2 pcs./each kind	
4.	Communication Control Measurement Board	Minimum of 1 pc	
5.	Indicator Lights	15pcs/each kind	
6.	Push buttons and switches	2 pcs/each kind	
7.	Rotor Ground Fault Relay	1 pc.	
8.	Service Control Panel	1 unit	
9.	Sets of various fuses	15pcs/each kind	
Tools			
1.	Maintenance tool for D-AVR	1 pc	
2.	Accessory box for test terminal	1 pc	
3.	Lifter for Field Circuit Breaker	1 pc	
4.	Compatible Laptop	1 unit	

Name of Bidder: _____

Signature of Bidder: _____

	computer with specifications, accessories and software program		
a.	Type	PC Compatible laptop computer	
b.	Hardware		
1.	Processor	Intel7 or latest model available	
2.	Clock, frequency, GHz	Latest speed available	
3.	Memory, GB	16 (min.)	
4.	Cache, MB	512 (min.) or higher	
5.	Solid State Drive capacity	1T	
6.	Video RAM	Integrated (largest available)	
7.	DVD Rom Drive	Integrated (largest available)	
8.	Display	15.6" LED Screen Capacity, at least 2560 x 1440 (QHD) resolution	
9.	Solid State Drive capacity, GB	512 (min.)	
10.	Video RAM	Integrated (largest available)	
11.	DVD Rom Drive	Integrated (largest available)	
12.	Display	15.6" Touch Screen Capacity, at least 2560 x 1440 (QHD) resolution.	
13.	Network Interface	10/100/1000 mbps (Built-in)	
c.	Software		
1.	Operation System	Licensed Windows 11, pre-installed with back-up CD Rom and reference manual	
2.	Communication Stack	OSI-TCP/IP	
d.	Peripheral Connectivity		
1.	Communication Interface	USB 2.0, USB 3.0, HDMI	
e.	Accessories		
1.	Laptop bag	1 pc.	
2.	Digitizer Stylus	1 pc.	
3.	Optical Mouse with pad	1 pc.	
Test and Experience Requirements			
	<i>Test Requirements</i>		
a.	Design Test and Certified Test reports	Yes	

Name of Bidder: _____

Signature of Bidder: _____

	required (Yes,No) *		
	b. Factory Acceptance (Routine) Tests to be performed (Yes, No)	Yes	
	<i>Equipment and Manufacturer's Experience</i>		
	a. The manufacturer should have been in the business of manufacturing the same equipment of the same voltage and frequency level for not less than: **	20 years	
	b. The same type of equipment being offered should have been in the actual service for not less than: **	10 years	

**Experience less than what is required will be ground for rejection of the equipment being offered.

Name of Bidder: _____

Signature of Bidder: _____

SECTION VII

BID PRICE SCHEDULE

SECTION VII - SCHEDULE OF REQUIREMENTS
AG5 REHABILITATION/UPGRADING OF GENERATOR UNIT 2 EXCITATION SYSTEM OF AGUS 5 HPP
PR. NO. MG-A5M24-005

ITEM NO.	DESCRIPTION	QTY.- UNIT	C O 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)	Local Currency (Phil. Peso) (K = J x C)
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
1.0	AG5 Rehabilitation/Upgrading of Generator Unit 2 Excitation System of Agus 5 HPP including all other works and services as specified in the 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 5 HP Plant, Ditucahan, Iligan City, Lanao del Norte

Code Country of Origin

Name of Bidder: _____

Signature of Bidder: _____

SECTION VIII

BIDDING FORMS

SECTION VIII – BIDDING FORMS**TABLE OF CONTENTS**

NPCSF-GOODS-01	- Checklist of Technical and Financial Envelope Requirements for Bidders
NPCSF-GOODS-02	- List of all Ongoing Government & Private Contracts Including Contracts Awarded but not yet Started
NPCSF-GOODS-03	- Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid
NPCSF-GOODS-04	- Computation of Net Financial Contracting Capacity (NFCC)
NPCSF-GOODS-05	- Joint Venture Agreement
NPCSF-GOODS-06a	- Form of Bid Security : Bank Guarantee
NPCSF-GOODS-06b	- Form of Bid Security : Surety Bond
NPCSF-GOODS-06c	- Bid Securing Declaration Form
NPCSF-GOODS-07	- Omnibus Sworn Statement (Revised)
NPCSF-GOODS-08	- Bid Letter
Sample Form	- Bank Guarantee Form for Advance Payment
Sample Form	- Certification from DTI as Domestic Bidder

Standard Form No: NPCSF-GOODS-01

Checklist of Technical & Financial Envelope Requirements for Bidders**A. THE 1ST ENVELOPE (TECHNICAL COMPONENT) SHALL CONTAIN THE FOLLOWING:****1. ELIGIBILITY DOCUMENTS****A. (CLASS A)**

- PhilGEPS Certificate of Registration and Membership under Platinum Category in accordance with Section 8.5.2 of the IRR;

Note: The failure by the prospective bidder to update its Certificate with the current and updated Class "A" eligibility documents shall result in the automatic suspension of the validity of its Certificate until such time that all of the expired Class "A" eligibility documents has been updated.

- Special PCAB License in case of Joint Ventures; and registration for the type and cost of the contract to be bid.
- Statement of all its ongoing government and private contracts if any, whether similar or not similar in nature and complexity to the contract to be bid (NPCSF-GOODS-02)
- The Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, and whose value, adjusted to current prices using the Philippine Statistics Authority (PSA) consumer price index, must be at least 50% of the ABC (NPCSF-GOODS-03) complete with the following supporting documents:
1. Certificate of Acceptance; or Certificate of Completion; or Official Receipt (O.R); or Sales Invoice
- (The Single Largest Completed Contract (SLCC) as declared by the bidder shall be verified and validated to ascertain such completed contract. Hence, bidders must ensure access to sites of such projects/equipment to NPC representatives for verification and validation purposes during post-qualification process. It shall be a ground for disqualification, if verification and validation cannot be conducted for reasons attributable to the Bidder.)*
- Duly signed computation of its Net Financial Contracting Capacity (NFCC) at least equal to the ABC (NPCSF-GOODS-04) or a Committed Line of Credit (CLC) at least equal to ten percent (10%) of the ABC, issued by a Universal or Commercial Bank; If the Bidder opted to submit a Committed Line of Credit (CLC), the bidder must submit a granted credit line valid/effective at the date of bidding.
- b. (CLASS B)**
- For Joint Venture (if applicable), any of the following:
- Valid Joint Venture Agreement (NPCSF-GOODS-05)
- OR**
- Notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA, if awarded the contract
- Certification from the relevant government office of their country stating that Filipinos are allowed to participate in their government procurement activities for the same item/product (For foreign bidders claiming eligibility by reason of their country's extension of reciprocal rights to Filipinos)

2. Technical Documents

Standard Form No: NPCSF-GOODS-01

- Bid Security, any one of the following:
 - Bid Securing Declaration (NPCSF-GOODS-06c)
OR
 - Cash or Cashier's/Manager's check issued by a Universal or Commercial Bank – 2% of ABC;
OR
 - Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: (NPCSF-GOODS-06a) - 2% of ABC;
OR
 - Surety Bond callable upon demand issued by a reputable surety or insurance company (NPCSF-GOODS-06b) - 5% of ABC, with
 - Certification from the Insurance Commission as authorized company to issue surety
- Duly signed, completely filled-out and notarized Omnibus Sworn statement (Revised) (NPCSF-GOODS-07), complete with the following attachments:
 - For Sole Proprietorship:
 - Special Power of Attorney
 - For Partnership/Corporation/Cooperative/Joint Venture:
 - Document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)
- Documents to be submitted with the Proposal as specified in **TS-8.0** of Section VI - Technical Specifications;
- Complete eligibility documents of the proposed subcontractor, if any

B. THE 2ND ENVELOPE (FINANCIAL COMPONENT) SHALL CONTAIN THE FOLLOWING:

- Duly signed Bid Letter indicating the total bid amount in accordance with the prescribed form (NPCSF-GOODS-08)
- Duly signed and completely filled-out Schedule of Requirement(Section VII) indicating the unit and total prices per item and the total amount in the prescribed Price Schedule form.
- For Domestic Bidder claiming for domestic preference:
 - Letter address to the BAC claiming for preference
 - Certification from DTI as Domestic Bidder in accordance with the prescribed forms provided

CONDITIONS:

1. Each Bidder shall submit one copy of the first and second components of its Bid. NPC may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

Standard Form No: NPCSF-GOODS-01

2. *In the case of foreign bidders, the eligibility requirements under Class "A" Documents (except for Tax Clearance) may be substituted by the appropriate equivalent documents, if any, issued by the country of the foreign bidder concerned. The eligibility requirements or statements, the bids, and all other documents to be submitted to the BAC must be in English. If the eligibility requirements or statements, the bids, and all other documents submitted to the BAC are in foreign language other than English, it must be accompanied by a translation of the documents in English. The documents shall be translated by the relevant foreign government agency, the foreign government agency authorized to translate documents, or a registered translator in the foreign bidder's country; and shall be authenticated by the appropriate Philippine foreign service establishment/post or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines.*

These documents shall be accompanied by a Sworn Statement in a form prescribed by the GPPB stating that the documents submitted are complete and authentic copies of the original, and all statements and information provided therein are true and correct. Upon receipt of the said documents, the PhilGEPS shall process the same in accordance with the guidelines on the Government of the Philippines – Official Merchants Registry (GoP-OMR).

3. *A Bidder not submitting bid for reason that his cost estimate is higher than the ABC, is required to submit his letter of non-participation/regret supported by corresponding detailed estimates. Failure to submit the two (2) documents shall be understood as acts that tend to defeat the purpose of public bidding without valid reason as stated under Section 69.1.(i) of the revised IRR of R.A. 9184.*

Standard Form Number: NPCSF-GOODS-02

List of All Ongoing Government and Private Contracts Including Contract Awarded But Not Yet Started

Business Name : _____
Business Address : _____

Name of Contract/ Project Cost	a. b. Owner's Name c. Address Telephone Nos.	Nature of Work	Bidder's Role		a. Date Awarded b. Date Started c. Date of Completion or Contract Duration/ Date of Delivery	Value of Outstanding Works / Undelivered Portion
			Description	%		
Government						
Private						
Total Cost						

The bidder shall declare in this form all his on-going government and private contracts including contracts where the bidder (either as individual or as a Joint Venture) is a partner in a Joint Venture agreement other than his current joint venture where he is a partner. Non declaration will be a ground for disqualification of bid.

Note : This statement shall be supported with the following documents for all the contract(s) stated above which shall be submitted during Post-qualification:

1. Contract/Purchase Order and/or Notice of Award
2. Certification coming from the project owner/client that the performance is satisfactory as of the bidding date.

Submitted by : _____
(Printed Name & Signature)
Designation : _____
Date : _____

Standard Form Number: NPCSF-GOODS-03

The Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid

Business Name : _____
Business Address : _____

Name of Contract	a. b. Owner's Name Address c. Telephone Nos.	Nature of Work	Contractor's Role		a. b. Amount at Award c. Amount at Completion Duration	a. b. Date Awarded c. Contract Effectivity Date Completed
			Description	%		

- Notes: 1. The bidder must state only one (1) Single Largest Completed Contract (SLCC) similar to the contract to be bid.
2. Supporting documents such as any of the following Certificate of Acceptance; or Certificate of Completion; or Official Receipt (O.R); or Sales Invoice for the contract stated above shall be submitted during Bid Opening.

Submitted by : _____
(Printed Name & Signature)
Designation : _____
Date : _____

Standard Form Number: NPCSF-GOODS-04

NET FINANCIAL CONTRACTING CAPACITY (NFCC)

- A. Summary of the Supplier's/Distributor's/Manufacturer's assets and liabilities on the basis of the income tax return and audited financial statement for the immediately preceding calendar year are:

		Year 20__
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Net Worth (1-3)	
6.	Net Working Capital (2-4)	

- B. The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:

NFCC = [(Current assets minus current liabilities) x 15] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract for this Project.

NFCC = P _____

Herewith attached is certified true copy of the audited financial statement, stamped "RECEIVED" by the BIR or BIR authorized collecting agent for the immediately preceding calendar year.

Submitted by:

 Name of Supplier / Distributor / Manufacturer

 Signature of Authorized Representative

Date : _____

Standard Form Number: NPCSF-GOODS-05

JOINT VENTURE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

That this JOINT VENTURE AGREEMENT is entered into by and between: _____, of legal age, (*civil status*) _____, authorized representative of _____ and a resident of _____.

- and -

_____, of legal age, (*civil status*) _____, authorized representative of _____ a resident of _____.

That both parties agree to join together their capital, manpower, equipment, and other resources and efforts to enable the Joint Venture to participate in the Bidding and Undertaking of the hereunder stated Contract of the **National Power Corporation**.

NAME OF PROJECT

CONTRACT AMOUNT

That the capital contribution of each member firm:

NAME OF FIRM	CAPITAL CONTRIBUTION
1.	P
2.	P

That both parties agree to be jointly and severally liable for their participation in the Bidding and Undertaking of the said contract.

That both parties agree that _____ and/or _____ shall be the Official Representative/s of the Joint Venture, and are granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the Joint Venture in the Bidding and Undertaking of the said contract, as fully and effectively and the Joint Venture may do and if personally present with full power of substitution and revocation.

That this Joint Venture Agreement shall remain in effect only for the above stated Contract until terminated by both parties.

Name & Signature of Authorized Representative

Official Designation

Name of Firm

Name & Signature of Authorized Representative

Official Designation

Name of Firm

Witnesses

1. _____ 2. _____

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

Standard Form Number: NPCSF-GOODS-06a

FORM OF BID SECURITY (BANK GUARANTEE)

WHEREAS, (Name of Bidder) (hereinafter called "the Bidder") has submitted his bid dated (Date) for the [name of project] (hereinafter called "the Bid").

KNOW ALL MEN by these presents that We (Name of Bank) of (Name of Country) having our registered office at _____ (hereinafter called "the Bank" are bound unto National Power Corporation (hereinafter called "the Entity") in the sum of [amount in words & figures as prescribed in the bidding documents] for which payment well and truly to be made to the said Entity the Bank binds himself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this _____ day of _____ 20____.

THE CONDITIONS of this obligation are that:

- 1) if the Bidder withdraws his Bid during the period of bid validity specified in the Bidding Documents; or
- 2) if the Bidder does not accept the correction of arithmetical errors of his bid price in accordance with the Instructions to Bidder; or
- 3) if the Bidder, having determined as the LCB, fails or refuses to submit the required tax clearance, latest income and business tax returns and PhilGEPs registration certificate within the prescribed period; or
- 4) if the Bidder having been notified of the acceptance of his bid and award of contract to him by the Entity during the period of bid validity:
 - a) fails or refuses to execute the Contract; or
 - b) fails or refuses to submit the required valid JVA, if applicable; or
 - c) fails or refuses to furnish the Performance Security in accordance with the Instructions to Bidders;

we undertake to pay to the Entity up to the above amount upon receipt of his first written demand, without the Entity having to substantiate its demand, provided that in his demand the Entity will note that the amount claimed by it is due to the occurrence of any one or combination of the four (4) conditions stated above.

The Guarantee will remain in force up to 120 days after the opening of bids or as it may be extended by the Entity, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE _____ SIGNATURE OF THE BANK _____

WITNESS _____ SEAL _____

(Signature, Name and Address)

Standard Form Number: NPCSF-GOODS-06b

FORM OF BID SECURITY (SURETY BOND)

BOND NO.: _____ DATE BOND EXECUTED: _____

By this bond, We (Name of Bidder) _____ (hereinafter called "the Principal") and (Name of Surety) _____ of (Name of Country of Surety) _____, authorized to transact business in the Philippines (hereinafter called "the Surety") are held and firmly bound unto National Power Corporation (hereinafter called "the Employer") as Obligee, in the sum of (amount in words & figures as prescribed in the bidding documents), callable on demand, for the payment of which sum, well and truly to be made, we, the said Principal and Surety bind ourselves, our successors and assigns, jointly and severally, firmly by these presents.

SEALED with our seals and dated this _____ day of _____ 20 _____

WHEREAS, the Principal has submitted a written Bid to the Employer dated the _____ day of _____ 20 _____, for the _____ (hereinafter called "the Bid").

NOW, THEREFORE, the conditions of this obligation are:

- 1) if the Bidder withdraws his Bid during the period of bid validity specified in the Bidding Documents; or
- 2) if the Bidder does not accept the correction of arithmetical errors of his bid price in accordance with the Instructions to Bidder; or
- 3) if the Bidder, having determined as the LCB, fails or refuses to submit the required tax clearance, latest income and business tax returns and PhilGEPs registration certificate within the prescribed period; or
- 4) if the Bidder having been notified of the acceptance of his bid and award of contract to him by the Entity during the period of bid validity:
 - d) fails or refuses to execute the Contract; or
 - e) fails or refuses to submit the required valid JVA, if applicable; or
 - f) fails or refuses to furnish the Performance Security in accordance with the Instructions to Bidders;

then this obligation shall remain in full force and effect, otherwise it shall be null and void.

PROVIDED HOWEVER, that the Surety shall not be:

- a) liable for a greater sum than the specified penalty of this bond, nor
- b) liable for a greater sum than the difference between the amount of the said Principal's Bid and the amount of the Bid that is accepted by the Employer.

CERTIFICATION AS A DOMESTIC BIDDER

This is to certify that based on the records of this office, (Name of Bidder) is duly registered with the DTI on _____.

This further certifies that the articles forming part of the product of (Name of Bidder) which are/is (Specify) are substantially composed of articles, materials, or supplies grown, produced or manufactured in the Philippines. (Please encircle the applicable description/s).

This certification is issued upon the request of (Name of Person/Entity) in connection with his intention to participate in the bidding for the (Name of Project) of the National Power Corporation (NPC).

Given this ___ day of _____ 20__ at _____, Philippines

Name

Position

Department of Trade & Industry

Standard Form Number: NPCSF-GOODS-06b
Page 2 of 2

This Surety executing this instrument hereby agrees that its obligation shall be valid for 120 calendar days after the deadline for submission of Bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Employer, notice of which extension(s) to the Surety is hereby waived.

PRINCIPAL _____ SURETY _____

SIGNATURE(S) _____ SIGNATURES(S) _____

NAME(S) AND TITLE(S) _____ NAME(S) _____

SEAL _____ SEAL _____

Standard Form No: NPCSF-GOODS-06c

REPUBLIC OF THE PHILIPPINES)
 CITY OF _____) S.S.

BID-SECURING DECLARATION
 «PR_Name_1»(PR NO.«PR_No»)

To: **National Power Corporation**
 BIR Road cor. Quezon Ave.
 Diliman, Quezon City

I/We1, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the Procuring Entity for the commission of acts resulting to the enforcement of the Bid Securing Declaration under Sections 23.1 (b), 34.2, 40.1 and 69.1, except 69.1 (f) of the IRR of R.A. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid-Securing Declaration shall cease to be valid on the following circumstances:
 - (a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - (b) I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right;
 - (c) I am/we are declared as the bidder with the Lowest Calculated and Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/we have hereunto set my hand this ____ day of ____
 20____ at _____, Philippines.

*[Name and Signature of Bidder's Representative/
 Authorized Signatory]
 [Signatory's legal capacity]
 Affiant*

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]

I Select one and delete the other. Adopt same instruction for similar terms throughout the document.

Standard Form No: NPCSF-GOODS-07

Omnibus Sworn Statement (Revised)

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project

Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

IN WITNESS WHEREOF, I have hereunto set my hand this ___ day of ___, 20___ at _____, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

Standard Form No: NPCSF-GOODS-08

BID LETTER

Date: _____

To: **THE PRESIDENT**
National Power Corporation
BIR Road cor. Quezon Ave.
Diliman, Quezon City

Gentlemen:

Having examined the Bidding Documents including Bid Bulletin Numbers *[insert numbers]*_____, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to perform «**PR_Name_1**» («**PR_No**») in conformity with the said Bidding Documents for the sum *Of [total Bid amount in words and figures]*_____ or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to supply and deliver the goods and perform other services, if required within the contract duration and in accordance with the scope of the contract specified in the Schedule of Requirements and Technical Specifications.

If our Bid is accepted, we undertake to provide a performance security in the form, amounts, and within the times specified in the Bidding Documents.

We agree to abide by this Bid for the Bid Validity Period specified in Bid Documents and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements pursuant to the Bidding Documents.

We likewise certify/confirm that the undersigned, *[for sole proprietorships, insert: as the owner and sole proprietor or authorized representative of [Name of Bidder]*_____ has the full power and authority to participate, submit the bid, and to sign and execute the ensuing contract, on the latter's behalf for the *[Name of Project]*_____ of the National Power Corporation *[for partnerships, corporations, cooperatives, or joint ventures, insert: is granted full power and authority by the [Name of Bidder]*_____ to participate, submit the bid, and to sign and execute the ensuing contract on the latter's behalf for *[Name of Project]*_____ of the National Power Corporation.

We acknowledge that failure to sign each and every page of this Bid Letter, including the attached Schedule of Requirements (Bid Price Schedule), shall be a ground for the rejection of our bid.

[name and signature of authorized signatory]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____
[name of bidder]

Bank Guarantee Form for Advance Payment

To: **THE PRESIDENT**
National Power Corporation
BIR Road cor. Quezon Ave.
Diliman, Quezon City

[name of Contract]

Gentlemen and/or Ladies:

In accordance with the Advance Payment Provision, of the General Conditions of Contract, [name and address of Supplier] (hereinafter called the "Supplier") shall deposit with the PROCURING ENTITY a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of [amount of guarantee in figures and words].

We, the [name of the universal/commercial bank], as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the PROCURING ENTITY on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding [amount of guarantee in figures and words].

We further agree that no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between the PROCURING ENTITY and the Supplier, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.

This guarantee shall remain valid and in full effect from the date the advance payment is received by the Supplier under the Contract and until the Goods are accepted by the PROCURING ENTITY.

Yours truly,

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]