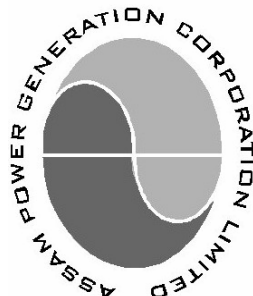


Assam Power Generation Corporation Limited
OFFICE OF THE General Manager, LTPS, APGCL, Maibella,
P.O. Suffry, Dist. Sivasagar, Assam, Pin-785 689.
e-mail: gm-ltps@apgcl.com
Tele-Fax: 03772-254322



TENDER NOTICE NO: 87 of 2014-15 of LTPS

Name of Work:
Supply of new Cards and Modules for Gas Turbine Control Systems of LTPS

Serial No.

.....
Signature and Seal of the Issuing Officer

Cost of Tender: Rs. 1000/-

(A) OBJECTIVE:

Lakwa Thermal Power Station (LTPS) is a gas based Power Station consisting of three power houses (Ph-I, Ph-II & Ph-III) with total installed capacity of 157.2 MW. All the Gas and Steam Turbines are run in synchronization with the National Grid. The Phase-I Power House of LTPS has 03 nos. of WCL make Gas Turbines, model W191G and 01 no. Mitsubishi make Gas Turbine. The Phase-II Power House of LTPS has 03 nos. of GE/BHEL make Frame 5 Gas Turbine Units: Model MS 5001. The control systems used for these Gas Turbine Units are GE Speedtronic Mark-IV, Siemens PLC and MEGAC V. Presently, it is intended to procure few spares, i.e., Cards and Modules for Mark-IV Control System and PLC Control System of LTPS.

(B) INTENT OF SPECIFICATION:

This tender specification is intended to furnish the material specification as well as to inform other technical and commercial requirements to be furnished by the bidders along with their bid documents.

(C) ELIGIBILITY OF BIDDER:

- 1) The bidder must be an experienced supplier of Speedtronic Mark-IV Control System and PLC Control System Cards and Modules. Documentary evidence for such past supplies (eg. Purchase Order Copy), at least 2 nos. in the last three years, along with clients' comment regarding the performance of the supplied cards/modules must be furnished in the technical part of the Bid, in the absence of which the bidder's past experience in this regard shall not be taken into consideration.
- 2) At least one single order for supply of Mark-IV/PLC Control System Cards must have minimum order value of Rs. 10.00 lakhs. Purchase Order Copy must be furnished with the technical part of the bid.
- 3) Further, the intending bidder must fulfill all the requisite clauses of tender.

(D) GENERAL INSTRUCTIONS TO THE BIDDER:

- 1) One set of Bidding document (Tender document) will be issued to intending bidder on submission of Rs. 1000/- (Rupees one thousand only) in the shape of Demand Draft duly pledged in favour of the **Asstt. Manager (Accts.), LTPS, APGCL, Maibella**. The Tender document may also be downloaded from the APGCL's website (www.apgcl.org) in which case the Tender fee has to be submitted along with the Technical Bid in the shape of Demand Draft duly pledged in favour of the Asstt. Manager (Accts.), LTPS, APGCL, Maibella. **Bidder shall submit tender document duly signed and stamped on each page of tender in token of his acceptance along with his bid.**
- 2) The bid shall be completed in two bid system as directed below:
Technical & un-priced commercial part – Technical bid.
Priced commercial part – Price bid.
- 3) Page number in the bottom of the entire bid document is mandatory.

4) Technical and Un-priced Part – Technical Bid:

This part shall contain technical and commercial (Un-priced) bid and shall have to contain the following as mentioned below. This envelop shall comprise the signed copy of bidding document (Tender document), Drawings, Addendum (if any). **Techno-commercial bid disclosing price shall be summarily rejected.**

- a) Bidding document (Tender document) and Earnest Money Deposit (EMD) in original and its details.
- b) Power of Attorney in favor of authorized signatory of the Bidding document.
- c) Organization details –
 - In case of a proprietorship firm, the name & address of the proprietor and attested copy of 'Certificate of registration of the Firm'.
 - In case of a partnership firm, attested copy of the partnership deed.

- In case a company (whether private or public), attested copy of 'Certificate of Incorporation' together with attested Memorandum / Articles of Association.
- **In case of an authorized dealer/distributor, original along with one attested copy of authorization certificate from the Principal must be submitted.**
- d) Technical offer and technical literature of the offered products, required as per bidding document.
- e) Any other relevant document, bidder desires to submit.

5) **Priced Commercial Part – Price Bid:**

Priced commercial part shall contain "Offered Price" dully filled in two copies i.e. one ORIGINAL COPY and one DUPLICATE COPY, shall be submitted. Priced part shall have to include all taxes and duties. No stipulation, deviation, terms and conditions, presumption, etc shall be stipulated in Priced part of bid. APGCL shall not take cognizance of any such statement and may at their discretion reject such price bids. **Also, price quoted by the bidder must be in INR.**

6) **Submission of Bid:**

Technical & Un-priced and Priced part must be submitted in two separate **sealed** envelopes. The two sealed envelopes of both un-priced and priced parts shall have to be put to an outer cover which is also to be sealed. The outer cover should duly bear the Tender Number, date and time of opening of the bid along with address of the office.

Part-I: Technical and un-priced part:

The envelope shall have following information clearly written on the outside of the envelope, failing which APGCL will assume no responsibility for the misplacement or premature opening of the bid.

(Part – I: Sealed Technical and un-priced part - Technical Bid)

Tender Name:

Bid No:

Due date & time of opening:

From (Name & address of Bidder):

Note: Original Earnest Money Deposit (EMD) shall be enclosed in this part.

Part-II: Priced Part:

This part of the bid shall contain the Price bid with Offered Price of the item filled in all respects and other information specially requested for submission of price part. The following information shall have to be clearly written on outside of the envelope, failing which APGCL will assume no responsibility for the misplacement or premature opening of the bid.

(Part-II: Priced Part – Price Bid)

Name of Tender:

Bid No:

From (Name & address of Bidder):

Note: This part of Bid will be submitted in original plus one copy in duplicate.

7) **Date, Time & Place of Submission:**

i) Bid must be submitted by the due date and time mentioned in the Notice Inviting Tender or any extension thereof as duly notified in writing by APGCL at the following address. Address to which bids are to be sent (by Speed Post/Courier/Regd Post/By Hand, etc):

**The General Manager, LTPS, APGCL, Maibella,
P.O.-Suffry, Dist. Sivasagar, Assam, PIN-785 689.**

ii) Bid received after the time and date fixed for receipt of bid is liable for rejection.

8) BID Opening:

- a) Opening of Techno-commercial & Un-priced Part of Bid:
 - i) On the date and time mentioned in 'Notice Inviting Tender', the Technical and Un-priced Commercial Part will be opened in the office of the General Manager, LTPS, APGCL, Maibella, P.O.-Suffry, Dist. Sivasagar, Assam, Pin-785 689.
 - ii) In the event the specified date of bid opening is declared a holiday for APGCL, the bid shall be opened on the next working day at the specified time and location.
 - iii) Clarification and Additional Information: During evaluation, APGCL may request bidder for any clarification on the bid, additional or outstanding documents. Bidder shall submit all additional documents in one original and one copy. However, seeking clarification shall be on sole discretion of APGCL.
 - iv) Bid of the bidder who submits the required EMD shall be taken up for detailed evaluation.
 - v) During pre bid discussion, Techno-commercial discretions with bidder shall be arranged. If needed, bidder shall depute authorized representative(s) for attending the discussion. The representative(s) attending the discussions shall produce authorization from the organization to attend the discussions and sign the minutes on behalf of the organization. The authorized representative(s) must be competent and empowered to settle all technical and commercial issues.
- b) Opening of Priced part of the Bid:
Price Commercial Part will be opened of only those bidders whose bids are considered Techno-commercially acceptable.

9) BID Evaluation Criteria:

- a) Techno-commercial Part:
 - i) The Techno-commercial Part of bid shall be evaluated as per bid evaluation criteria.
The bid must be accompanied with EMD as specified in the tender.
 - ii) Deviation to critical stipulation: Deviations to critical stipulations of bidding document as mentioned below are not acceptable. Bidder taking deviations to the following bid stipulations may not be considered for price bid opening.
 - a. EMD
 - b. Performance Bank Guarantee
 - c. Payment terms
 - d. Compensation for delay (LD).
 - e. PAN, valid Sales Tax Registration Certificate and Service Tax Registration Certificate.
 - f. Experience/Eligibility.
 - iii) Bidders must ensure that complete bid along with all details as sought are submitted as per provisions of the bidding document.
 - iv) If any of the clauses of the Bid rejection criteria/ Bid evaluation criteria (BEC/BRC) contradict the clauses of the General terms and conditions for tender of APGCL elsewhere, those in the BEC/BRC shall prevail.
- b) Price Part:
The 'Offered Price' and its break up quoted by the bidder shall be taken up for evaluation on overall basis. Price bids containing additional qualifications not mentioned in Techno-commercial Part of the bid shall be summarily rejected.

10) OWNER'S RIGHT TO ACCEPT OR REJECT A BID:

APGCL reserves the right to accept a bid other than the lowest and to accept or reject any bid in whole or part, or to reject all bids with or without notice or reasons. Such decisions by APGCL shall bear no liability whatsoever consequence upon such decisions.

11) Award of Supply:

- a) The bidder whose bid is accepted by APGCL shall be issued Confirmed Order/Letter of Intent prior to expiry of bid validity. Bidder shall confirm acceptance by returning a signed copy of the Order within 10 (Ten) days from the date of issue of Confirmed order.
- b) APGCL shall not be obliged to furnish any information / clarification / explanation to the unsuccessful bidders as regards of non-acceptance of their bids. Except for refund of EMD (without interest) to unsuccessful bidder, APGCL shall correspond only with the successful bidder.

12) Exceptions and Deviations:

EXCEPTION AND DEVIATION PROFORMA

Sl.No.	Ref of Bid Document		Subject	Deviations
	<i>Page No.</i>	<i>Clause No.</i>		

NOTE: Bidders are advised not to stipulate any deviation(s) / condition(s) and to confirm compliance to tender conditions in Toto. However, in the event of bidder seeking any deviation(s) other than the clause 9(a)(ii), the same should be submitted separately for commercial and technical sections strictly as per the format given above, otherwise, the same shall not be considered and it will be presumed that the bidder has accepted all terms and conditions of the tender.

Signature:

Name of Tender:

Bidder's Name:

Company Seal:

13) Location:

The location of installation of the cards and modules shall be in Speedtronic Mark-IV CS Panels and PLC CS panels of LTPS.

14) Scope of Supply of Material:

Supply of Cards and Modules of GE Speedtronic Mark-IV Gas Turbine Control System and Siemens PLC Control System of LTPS as per the list given below:

A) GE Speedtronic Mark-IV Gas Turbine Control System Cards:

Sl. no.	Name of the Cards/Modules	GE Part no.	Function	Qty. Required (no.)
1	HMPK	DS3800HMPK1J1J	Microprocessor	01
2	HCMC	DS3800HCMC1A1B	RS232 Interface	01
3	HXPDP	DS3800HXPDP1C1E	CPU Expander	01
4	HAIC	DS3800HAIC1A1A	Analog Input	02
5	NVCD	DS3800NVCD1D1D	Vibration/Pressure	01
6	NTCF	DS3800NTCF1C1C	Thermocouple Input	01

7	HPRB	DS3800HPRB1C1C	Pulse Rate Inputs	01
8	HAFA	DS3800HAFA1D1E	Analog/Digital I/P	01
9	Operator Interface Module (OPM)	P.O. Sl. No. 323 DES NO: G. 2997 CN NO- 2011 dt. 12.5.94 Case no. 371078 NP 13807739P1	Operator Interface	01

B) Siemens PLC Control System Cards:

Sl. no.	Item	Specification	Qty Required (no.)
1.	8-IN 4-OUT Analog Card for Siemens PLC Control System	Model: 505-7012. Make: SIEMENS	01
2.	Serial Interface Adapter Card for Siemens PLC Control System	Make: Control Technology Inc., USA. Model: 2573	01

Note: The supplied Cards/modules must be new and not used ones. In addition, the bidder must state clearly in the technical part of the bid regarding the 'country of origin' of the offered items.

15. Guarantee:

The materials supplied shall be guaranteed for a period of 12 months from the date of installation or 18 months from the date of receipt whichever is earlier. Free replacement of the materials shall have to be made for any defect/improper functioning that may develop under normal use during the guarantee period. The free replacement should be made within a reasonable time period as determined and directed by the undersigned.

16. Delivery Period:

The delivery period is strictly **60 days** from the date of issue of formal purchase order. The materials shall be delivered at LTPS site. Liquidated damage due to delay in delivery shall be levied as per the Liquidated Damage Clause of this tender.

17. Terms of Payment:

- 100% payment including all taxes and duties for the supply of the ordered materials shall be made after delivery of the materials at LTPS site in full and good condition subjected to fulfillment of Performance Bank Guarantee Clause of this tender.
- The bidder shall submit the bill in triplicate for payment.

18. Earnest Money:

EMD of Rs. 1,00,000/- (Rupees one lakh only) in the shape of Demand Draft in original of any Nationalized Bank shall be submitted as Earnest Money, duly pledged in favour of the Asstt. Manager (Accts.), LTPS, APGCL. APGCL will refund the Earnest Money of the unsuccessful bidders directly to the bidders within a reasonable period of time without any interest.

19. Performance Bank Guarantee:

On receipt of the formal purchase, the successful bidder shall have to furnish a Performance Bank Guarantee for an amount equivalent to 10% of the total order value including taxes and duties before releasing payment. The BG shall be released after expiry of the Guarantee period as mentioned in Clause '15'.

20. Security Deposit:

On receipt of the formal Purchase Order, the successful bidder shall deposit to the extent of 2½% of the total order value as Security Deposit in the shape of Demand Draft of any Nationalized Bank drawn in favour of the Asstt. Manager (Accts.), LTPS, APGCL, Maibella within 15 days time. The Security Deposit shall be released on successful completion of the delivery of the material(s) at LTPS site. No interest shall be paid against the Security Deposit. In case the bidder does not submit the security deposit with 15 days, it shall be presumed that the Bidder is not interested to or cannot execute the Order. In such case, APGCL has the right to cancel the Order and award it to the next lowest Bidder.

21. Consignee:

The Asstt. General Manager (Material Management),
Lakwa Thermal Power Station,
Assam Power Generation Corporation Ltd,
Maibella, P.O. Suffry-785 689,
Dist. Sivasagar, Assam,
Ph: 03772 – 254322.
Email: gm-ltps@apgcl.com/ltps_gm@yahoo.co.in

22. Technical Literature:

The bidder shall furnish technical literature of their offered products along with the bid documents. Bids without technical literature may be rejected.

23. Test Certificate:

Manufacturer's Test Certificate must be submitted along with the materials.

24. Liquidated Damage:

In case of delay in delivery beyond the delivery period as mentioned in clause '16', a penalty @1% (one percent) of the total value of the undelivered materials or materials delivered late per week delay subjected to maximum of 10% (ten percent) of the total value of the undelivered material will be imposed upon you. This is, however, subject to Force Majeure clause as given in "General Condition for Supply & Erection of APGCL". The payment of liquidated damage shall not in any way relieve the Contractor from any of its obligation to complete the work or from any other obligation and liabilities of the Contractor under the Contract.

25. Validity of the Offer:

The Offer shall be valid for a period of 120 (one hundred twenty days) from the date of opening of the technical bid.

26. Insurance: Insurance shall be on paid basis on our behalf and at actuals on submission of documentary evidence.

27. Packing: The dispatched materials shall be packed suitably by the Contractor to withstand any rough handling during transit. Further, the packing must be moisture free packing with proper marking for delicate/electronic items.

28. Arbitration Clause:

Any clause not included in the above shall be governed by "General Conditions for Supply and Erection of APGCL".

29. Jurisdiction:

Subject to arbitration clause, all questions, disputes of differences arising under out of or in connection with the contract shall be subject the exclusive jurisdiction of Courts of Guwahati.

The undersigned reserves the right to accept or reject any or all of the bids without assigning any reason thereof. He is not bound to accept the lowest rate also.

Enclo: Annexure- A

**General Manager,
LTPS,APGCL, Maibella.**

ANNEXURE – A

TECHNICAL BID

The bidders are requested to ensure that the following points/aspects in particular have been compiled within their offer failing which the offer is liable to be rejected.

1. Please tick (✓) the box, whichever is applicable, and cross (X) the box(es), whichever is/are not applicable (NA).
2. Please sign on each sheet.
3. This "Bid Information Sheets" duly filled in must be submitted along with the offer.

(A) COMMERCIAL

- 1.0 Whether requisite tender fee has been paid?

YES	NO	NA
-----	----	----

- 2.0 If so, furnish the following

- i) Demand Draft no. & date:.....
- ii) Name of the Bank:
- iii) Value:
- iv) Period of Validity:

- 3.0 Earnest Money Deposit (EMD):

- i) Whether requisite EMD has been enclosed?

YES	NO	NA
-----	----	----

- ii) If yes, furnish the following

- a) Name of the Bank:
- b) Value:
- c) Name:
- d) Date of Issue:
- e) Period of Validity:

- 4.0 Whether the period of validity of the offer is as required in the tender document?

YES	NO
-----	----

- 5.0 If not, mention the extent of variation:
(You can use extra sheet also)

Extent of variation

- 6.0 Has the bidder given the details of parties to whom the bidder has supplied materials/

YES	NO	NA
-----	----	----

7.0 Is the offer being sent by Regd. Post, Courier Services or proposed to be dropped in Tender Box?

Sent by Regd. Post

YES	NO
-----	----

Sent by Courier Services

YES	NO
-----	----

Dropped in Tender Box

YES	NO
-----	----

8.0 Has it been ensured that there is no overwriting in the tender? Have corrections been properly attested by the person signing the tender?

YES	NO
-----	----

9.0 Has the tender been prepared in sufficient details clearly so as to avoid post tender opening clarifications?

YES	NO
-----	----

10.0 Acceptance of the following clauses in to:

i) Guarantee clause:

YES	NO
-----	----

ii) Performance Bank Guarantee clause:

YES	NO
-----	----

iii) Terms of Payment clause:

YES	NO
-----	----

iv) Delivery Period including Liquidated damage clause:

YES	NO
-----	----

v) Arbitration clause:

YES	NO
-----	----

vi) Security Deposit:

YES	NO
-----	----

(B) TECHNICAL

1.0 Whether necessary technical literature/catalogue has been attached with the offer?

YES	NO
-----	----

2.0 Whether the product(s) quoted bear(s) 'ISI' or equivalent quality monogram?

YES	NO
-----	----

3.0 Whether the materials being offered fully conform to the tender technical specifications?

YES	NO
-----	----

4.0 If not, specify the extent of deviation and how it is suitable to APGCL's requirement:
(Use separate sheet to explain)

YES	NO	NA
-----	----	----

(C) BIDDER'S PAST SUPPLIES PROFORMA

SL. No.	NAME AND ADDRESS OF CLIENT(S)	BRIEF DESCRIPTION OF SUPPLIES	ORDER VALUE	REMARKS

NOTE: Certificate from client to be enclosed along with the above proforma. Past supplies shall include supplies made during last 05 years only.
(Use separate sheets if required)

(D) BIDDER'S INFORMATION PROFORMA

1.0	Status of the Bidder:	<table><tr><td>Manufaturer</td><td>Distributor</td><td>Re-seller</td></tr></table>	Manufaturer	Distributor	Re-seller
Manufaturer	Distributor	Re-seller			
2.0	If Distributor or Re-seller, whether the copy of authorization from manufacturer is enclosed?	<table><tr><td>YES</td><td>NO</td></tr></table>	YES	NO	
YES	NO				
3.0	In case of Distributor or Re-seller, whether the manufacturer shall provide support till completion of the guaranteed period?	<table><tr><td>YES</td><td>NO</td></tr></table>	YES	NO	
YES	NO				

.....
Signature and Seal of the Bidder

PRICE BID

1. Tender No.:
2. Tender Name:.....
3. Due Date:
4. Validity of the Bid:
5. Delivery Period:.....
6. Payment Terms:

(A) Supply of Materials Part:

Sl. no.	Particulars	Amount (in figures) (INR)	Amount (in words) (Rupees)	Remarks
1.	Total Quoted Price of materials:			
2.	Taxes (if any):			
3.	Other Charges (if any):			

NOTE:

1. The above prices shall be firm without any variation in any way till completion of delivery at LTPS site.
2. Statutory charges which will not be borne by the bidder must specifically be indicated in the above format, failing which the bidder shall bear the same and APGCL will not be liable for payment of such charges.
3. Any increase in Excise Duty, Sales Tax/CST& Service Tax during the period until delivery of material shall have to be absorbed by the bidder.
4. Use additional sheets if required.

.....
Signature and Seal of the Bidder