

ASSAM POWER GENERATION CORPORATION LIMITED

Office of the Chief General Manager (Generation), APGCL
Bijulee Bhawan, 3rd Floor, Paltanbazar , Guwahati-1: Assam
CIN: U40101AS2003SGC007239
Phone /Fax no: 0361-2739546 E-mail: cgm-g@apgcl.com



**TENDER NO: APGCL/CGM (G)/LTPS(R&M)/Field Instruments (Gas Comps.)/
2017-18/3**

NAME OF WORK:

Procurement of field instruments of Gas Compressor Units of LTPS, APGCL

Last Date & time of receipt of Tender : 27-02-2018 upto 1:00 PM

Tender Opening:

- i) Technical Bid: : 27-02-2018 at 2:00 PM**
- ii) Price Bid: : To be intimated in due course of time.**

Cost of Tender Document : Rs 1,000/- (Rupees one thousand) only

Serial no. :

Issued to :

ASSAM POWER GENERATION CORPORATION LIMITED

NOTICE INVITING TENDER

**Tender Notice No: TENDER NO: APGCL/CGM (G)/LTPS(R&M)/Field Instruments
(Gas Comps.)/2017-18/3**

Name of the work:	Procurement of field instruments of Gas Compressor Units of LTPS, APGCL
Cost of Tender Document : (Non-Refundable)	Rs 1,000/- (Rupees one thousand only) in the form of a/c payee Demand Draft/Banker's Cheque duly pledged in favour of the Dy. General Manager (F&A) , APGCL payable at Guwahati
Earnest Money :	Bids shall be accompanied with Earnest Money amounting to Rs 20,000.00 (Rupees Twenty Thousand only) in the shape of Demand Draft of any Nationalized Bank duly pledged in favour of the Dy. General Manager (F&A), APGCL, Bijulee Bhawan, Paltan Bazar, Guwahati-781001 payable at Guwahati
Issue of Tender Document :	14-02-2018 from 12:00 Hrs.
Tender receiving (last date) :	27-02-2018 upto 1:00 PM
Tender opening :	27-02-2018 at 2:00 PM
For details please visit www.apgcl.org . Any addendum/corrigendum/extension/cancellation will be made available in www.apgcl.org. only.	

Sd/-

Chief General Manager (Generation)
Assam Power Generation Corporation Ltd.

A: OBJECTIVE:

The 127.2 MW Lakwa Thermal Power Station situated at Maibella, Dist. – Charaideo, Assam, is a gas based power plant under Assam Power Generation Corporation Limited. The plant was initially installed with seven GT units in two phases (Phase-I: 4 X 15 MW and Phase-II: 3 X 20 MW) operating on natural gas available from ONGC & Oil India Ltd. and one steam turbine unit of 37.2 MW (Waste Heat Recovery Plant). Unit #1 & #4 decommissioned in the year 2017.

Various field instruments for the Gas Compressor Unit of Phase-I & Phase-II Power Houses viz, Pressure Transmitters, PIC, Pressure Switches, Gauges, Vibration Switch and so forth will be required to be retained as spare for scheduled/routine and any breakdown maintenances works. The present stock position of most of these spares have either become meagre or nil at LTPS Store and hence to evade any untoward outage of Gas Compressor Units due to unavailability of spares, their procurement is necessary. The outage of Gas Compressor unit might lead to generation loss at LTPS.

Therefore, procurement of the field instruments of Gas Compressor units of LTPS is required to reduce the downtime of the Gas Compressor Unit and hence lower generation loss.

Terms & Condition of Bid

(1.0) BID PROCEDURE:

The bid shall be completed in two bid system as detailed below-

- i) Technical Bid : As per Annexure-I attached herewith.
- ii) Price Bid : As per Annexure-II attached herewith.

Rates are to be quoted separately for materials supply.

Bidders are to use separate sealed covers for each of the above bids. The first sealed cover will contain Technical bid having all details along with EMD with the price column blanked out. This cover will clearly be super scribed with "TECHNO-COMMERCIAL UNPRICED BID" along with TENDER NUMBER and ITEM DESCRIPTION. The "Techno-commercial Unpriced Bid" shall contain all technical and commercial details except the prices which shall be kept blank. The second sealed cover will contain only the price schedule duly filled in seal & signed and will be clearly super scribed with "PRICE BID" along with TENDER NUMBER and ITEM DESCRIPTION. These two covers shall be put into an outer cover and sealed. The outer cover should duly bear the TENDER NUMBER and date and time of closing / opening of the bid along with address of this office. Bidders qualifying in the Technical Bid shall be considered to participate in the Price Bid.

Any change in quotation after opening of the tender WILL NOT BE CONSIDERED.

Any bid received after dead line of submission will be rejected and returned unopened.

APGCL will not be responsible for the loss of tender form or for the delay in postal transit.

Intending bidders may send technical personnel to LTPS site at their own cost on any working day for their guidance and to have an idea on the materials exactly required by the purchaser.

The bid will be opened at the time and date mentioned in the NIT. The bidder or his authorized representative may be present at the time of opening of bid on the specified date. In case of unscheduled holiday on the closing / opening day of the bid, the next working day will be treated as scheduled prescribed day of closing / opening of bid, the time notified remaining the same.

(1.1) MATERIAL SPECIFICATION:

Field instruments of Gas Compressor Units, Make: Dresser Rand, Model: 4RDS2

Sl. No.	Item	Item Description	Reqd. Qty.(Nos.)
1	Pressure Transmitter	Range limit: 0-1500 psi. Span limit: 100-1000 psi. Input Range: 0-20 kg/cm ² . Output Range: 3-15 psi.	1 no.
2	Pneumatic Indicating Controller (PIC)	Supply: 1.4 kg/cm ² . Output: 0.2 to 1 kg/cm ² . Scale: 0-25 kg/cm ² . Input: 0.2 to 1 kg/cm ²	1 no.
3	Pressure Switch. (Flameproof-weatherproof, style-GE)	STYLE: GE-021-00-D2B-2 Range: 10-100 mm WC Diff: 14.4 mm WC MWP: 0.5 Bar Electrical Rating: 5A, 230 V AC	8 nos.
4	Pressure Gauge	Dial: 100mm Mounting: Direct Bottom Entry Connection: 1/2' NPT (M) Filled: Glycerine Range: 0 to 4 kg/cm ² 0 to 6 kg/cm ² 0 to 10 kg/cm ² 0 to 5 kg/cm ²	10 nos. 5 nos. 10 nos. 5 nos.
5	Expansion Thermometer type gage.	Temp. element: Gas in metal Stem Diameter: 8 mm Stem Length: 80 to 250 mm Case: Stainless Steel Window: Safety Glass Dial: White Aluminium Pointer: Adjustable Pointer Accuracy: Class 1 as per EN13190 Connection : 1/2" BSP (M)	10 nos.

		Capillary length: 1m (Without armour) Mounting: Surface mounting bracket Range: 0-160 Deg C	
6	Adjustable Stem and Dial version gage.	Temp. element: Bimetal Dial Size: 100 mm Stem Diameter: 8 meter Stem Length: 80 to 150 mm Case: Stainless Steel Window: Instrument Glass Dial: Aluminium matt. Pointer: Adjustable Pointer Accuracy: Class 1 as per EN13190 Connection : ½" BSP Range: 0-120 Deg C	10 nos.
7	Adjustable Stem and Dial version gage.	Temp. element: Bimetal Dial Size: 100 mm Stem Diameter: 8 meter Stem Length: 80 to 150 mm Case: Stainless Steel Window: Instrument Glass Dial: Aluminium matt. Pointer: Adjustable Pointer Accuracy: Class 1 as per EN13190 Connection : ½" BSP Range: 0-160 Deg C	10 nos.
8	Vibration Switch	Make: Robertshaw Model: 365A-AO. SER.: 1017023 OR Equivalent	1 no.
9	(IR/OR) - Relay	Make: OMRON Model: MY4N-GS DC24 24 VDC, 4 C/O Contacts OR Equivalent	10 nos.

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.

(1.2) ELIGIBILITY OF BIDDER:

The bidder must be a manufacturer of control Instruments or manufacturer's authorized Firm. The bidder must have the experience of supplying similar materials to various parties during the period of last 05 (five) years and total value of supplies shall also be furnished. The bidder must possess Type Test certificates for the said rating of instruments.

The eligible bidder must have sufficient experience in successfully supplying of similar items during **the period of last 05 (Five) years. Documentary evidence in regards to past experience (e.g., copies of Work Order and Work Completion Certificate) issued to the bidder by clients must be submitted along with the submitted bid.** Without the above stated documents, the bidder's experience will not be acknowledged.

(B) GENERAL INSTRUCTIONS TO THE BIDDER:

1. One set of Bidding document (Tender document) will be issued to intending bidder on submission of Rs. 1,000/- (Rupees one thousand only) in the shape of Demand Draft/Banker's Cheque duly pledged in favour of the **Dy. General Manager (F&A), APGCL**, payable at Guwahati. 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/Banker's Cheque duly pledged in favour of the Dy. General Manager (F&A), APGCL. **Bidder shall submit tender document duly signed and stamped on each page of tender in token of his acceptance along with his bid.**
2. Transfer of bidding document issued to one intending bidder to another is not permissible.
3. The bid shall be completed in single - Techno-Commercial bid system.
4. Page number in the bottom of the entire bid document is mandatory.
5. The bid shall have to contain the following as mentioned below. The 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 manufacturer with required credential.
- d) Technical offer and technical literature of the offered products, required as per bidding document.
- e) Any other relevant document, bidder desires to submit.
- f) "Offered Price" dully filled in two copies i.e. one ORIGINAL COPY and one DUPLICATE COPY, shall be submitted. The bid shall have to include all taxes and duties. No stipulation, deviation, terms and conditions, presumption, etc shall be stipulated. APGCL shall not take cognizance of any such statement and may at their discretion reject such bids.

6. Submission of Bid:

The bid must be submitted in **sealed** envelope. The sealed envelope 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 and contact no. of the bidder.

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.

Tender Description:

Bid No:

Due date & time of opening:

From (Name, Address & Contact no. of Bidder):

Note: The Bid will be submitted in original plus one copy in duplicate.

Original Earnest Money Deposit (EMD) shall be enclosed.

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 Chief General Manager (Gen),
 APGCL, Bijulee Bhawan, 3rd Floor,
 Paltan Bazar, Guwahati – 781 001.

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

8. BID Opening:

- i) On the date and time mentioned in 'Notice Inviting Tender', the bid will be opened in the office of the Chief General Manager (Gen), APGCL, Bijulee Bhawan, 3rd Floor, Paltan Bazar, Guwahati-1.
- 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.

9. BID Evaluation Criteria:

- i) The Technical 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.
 - a) EMD
 - b) Firm Price
 - c) Performance Bank Guarantee
 - d) Payment terms
 - e) Compensation for delay.

- f) PAN.
 - g) Experience/Eligibility.
- iii) Bidders must ensure that the 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 (BRC/BEC) contradict the clauses of the General terms and conditions for tender of APGCL elsewhere, those in the BRC/BEC shall prevail.
 - v) Price Part: Total value shall include GST, insurance, freight and any other price quoted by the bidder. 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 3 (three) 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 bidders.

12. Exceptions and Deviations:

EXCEPTION AND DEVIATION PROFORMA

SI.No.	Ref of Bid Document		Subject	Deviations
	Page No.	Clause No.		

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 '10'**, 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:

Bidder's Name:

Company Seal:

13. Location:

The location of the work (i.e. supply) shall be **Lakwa Thermal Power Station, Maibella.**

14. Guarantee:

The materials shall be guaranteed for a period of **18 months** from the date of receipt. Free replacement of the materials shall have to be made for any defect 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.

15. 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 "General Conditions for Supply and Erection of APGCL".

16. Terms of Payment:

- a) 100% payment including GST for the supply portion shall be made after delivery of the materials at site in full and good condition subjected to fulfillment of Performance Bank Guarantee Clause '18'.
- b) The bidder shall submit the bill in triplicate for payment.

17. Earnest Money:

EMD in the shape of Demand Draft in original of any Nationalized Bank or any scheduled Bank shall be submitted as Earnest Money, duly pledged in favour of the Dy. General Manager (F&A), APGCL, payable at Guwahati. APGCL will refund the Earnest Money of the unsuccessful bidders directly to the bidders within a reasonable period of time without any interest.

18. Performance Bank Guarantee:

On receipt of the formal Order, the successful bidder shall have to furnish a Performance Bank Guarantee from Nationalized Bank/ Scheduled Bank of RBI for an amount equivalent to 10% of the total order value including GST before releasing payment. The BG shall be released after expiry of the Guarantee period as mentioned in Clause '14'.

19. Consignee:

The General Manager,
Lakwa Thermal Power Station,(Maibella)
Assam Power Generation Corporation Limited,
Dist : Charaideo, (Assam), Contact No. 9435358004
E-mail: gm-ltps@apgcl.com

20. Technical Literature:

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

21. Type Test Certificate:

The contractor will be required to furnish **Type Test report** for the supplied item from any Government Test House/ Laboratory as per IS norms at the time of delivery of the materials at LTPS site.

22. Liquidated Damage:

In case of delay in supply of ordered materials beyond the delivery period as mentioned in clause '15', 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 contractor. 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 obligation to complete the supply work or from any other obligation and liabilities of the contractor under the contract.

23. Validity of the Offer:

The Offer shall be valid for a period of **180 days (one hundred eighty days)** from the date of opening of the bid.

24. Arbitration Clause:

Any clause not included in the above shall be governed by "General Conditions for Supply and Erection of APGCL" available in APGCL web site www.apgcl.org

25. 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- I, II & B.

Sd/-

**Chief General Manager (Gen),
Assam Power Generation Corporation Limited**

ANNEXURE – I

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(es), 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 Earnest Money Deposit (EMD):

i) Whether requisite EMD has been enclosed?

YES	NO	NA
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ii) If yes, furnish the following

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

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

YES	NO
-----	----

3.0 If not, mention the extent of variation:
(use extra sheet if required)

Extent of variation

4.0 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
-----	----

5.0 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
-----	----

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

YES	NO
-----	----

7.0 Acceptance of the following clauses in toto:

i) Guarantee clause:

YES	NO
-----	----

ii) Performance Bank Gurantee clause:

YES	NO
-----	----

iii) Terms of Payment clause:

YES	NO
-----	----

iv) Arbitration clause:

YES	NO
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(B) TECHNICAL

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

YES	NO
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(C) BIDDER'S PAST SUPPLIES PROFORMA

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

NOTE: Certificate from client to be enclosed along with the above proforma. Past Experience shall include works made during last 5 years only.

(Use separate sheets if required)

Signature and Seal of the Bidder

Address of the Bidder:

Phone/Fax no:

E-mail:

PRICE BID

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

SL. No.	ITEM DESCRIPTION	QTY.	UNIT BASIC PRICE (Rs.)	TOTAL BASIC PRICE (Rs.)
1	2	3	4	5
TOTAL BASIC PRICE (Rs.)				

NOTE:

1. The above prices shall be firm without any variation in any way till completion of delivery at LTPS site.
2. Use additional sheets if required.

PARTICULARS	Rs.	REMARKS
Total Basic Price		
GST		
Packing and Forwarding Charges @%		
Freight and Insurance up to LTPS		
Other charges (please specify) i. ii. iii. iv.		
GRAND TOTAL		

NOTE:

1. 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.

2. Use additional sheets if required.

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Signature and Seal of the Bidder

PROFORMA OF BANK GUARANTEE FOR PERFORMANCE

(To be stamped)

Bank Guarantee No. _____ Date: _____

Whereas the Assam Power Generation Corporation Ltd. (hereinafter called APGCL) which expression shall unless repugnant to the context or meaning thereof include its successor administrators, executors and assigns has entered into a contract Agreement _____ No. _____ Dtd. _____ with M/S _____ (herein called the 'contractor') which expression shall unless repugnant to the context or meaning thereof include its successor administrators, executors and assigns for supply of field instruments of Gas Compressor Units of Lakwa Thermal Power Station, Maibella and place a supply Order No _____ Dated _____

Whereas by the terms of the contract between the parties are contained in the order aforementioned and subsequent correspondences between the parties.

Whereas by the virtue of the clause "Performance Bank Guarantee" of the order aforementioned, the Firm is required to furnish a Bank Guarantee from a Nationalized Bank for a sum of Rs. _____ (Rupees _____) only as security for the satisfactory performance of the items.

Whereas the Firm has requested APGCL to accept the guarantee of (_____) (Name of any Nationalized Bank with address) and the Board has agreed to accept the same.

In consideration of APGCL entering into contract aforementioned, we the _____ (Name of the Nationalized Bank with address) take into indemnity and keep indemnify APGCL any damage, injury or loss occasion to it by breach or violation of the contract and shall pay APGCL all sums demanded by it towards such injury, loss or damage or penalties as and when demanded, provided that the total liability under the guarantee shall not exceed Rs. _____ (Rupees _____) only .

Provided further that this guarantee shall not continue in force beyond _____, (date) unless it be renewed. All claims under this guarantee shall be preferred to the executants bank before _____,

We (_____) (Name of the Nationalized Bank with address) hereby undertake not to revoke this guarantee during the period it is in force without obtaining the prior written consent of APGCL. Notwithstanding anything contained herein before, our liability under this guarantee is restricted to Rs. _____ (Rupees _____) only. Our guarantee shall remain in force until _____, . Unless a claim in writing is presented to us and if unpaid, a suit or action to enforce such claims is filed against us within six months from the date i.e. within _____, . All rights under said guarantee shall be forfeited and we shall be released and discharged from all liabilities there under.

Dated at _____ this _____ day of _____, 2018

(Signature on behalf of the Nationalized Bank)

(Seal of the Nationalized Bank)