



PUNJAB STATE POWER CORPORATION LIMITED

(Regd. Office : PSEB Head Office, The Mall, Patiala – 147001

Corporate identity Number U40109PB2010SGC033813 Website: www.pspcl.in

GURU GOBIND SINGH SUPER THERMAL PLANT ROOPNAGAR

OFFICE OF THE CHIEF ENGINEER

(Dy.CE/HEADQUARTER) PURCHASE CELL-II,V&P.O.GHANAULI,ROOPNAGAR-140113

(PH NO. 01881-275289)E-Mail: se-hq-ggsstp-ropar@pspcl.in

To

REGD./E-mail

Limited Tender enquiry on
firm's as per overleaf.

Memo No. 5501/3

/P-2/EMP-13184

Dated : 8-12-25

Subject: - Supply, Erection, Testing and Commissioning of PH Analysers at DM plant Stage-II & III and sending real time data to PPCB under C&I-5 cell, GGSSTP, Ropar..

Enquiry No. 7756 /P-2/EMP-13184 dated : 5-12-25

Date & Time of Receipt of Tender 19-12-25 upto 11.00 A.M.

Date & Time of Opening of Tender 19-12-25 at 11.30 A.M.

(In case opening date happens to be holiday, tender shall be opened on next working date at the same time)

Dear Sirs,

Please send your sealed quotation in duplicate in the Proforma attached on the FIRM prices for the supply and delivery of items as detailed in Annexure-'A' enclosed. Enquiry No. and date of opening of tender must be legibly mentioned at right top corner of sealed envelope cover. General terms & conditions shall be as per ANNEXURE-'B' attached. Your quotation should be in two parts. For each item, unit rates should be quoted strictly on the attached Proforma of pricing schedule. Please note that if quoted rates are not as per attached Proforma, the offer is liable to be rejected. Insurance and freight charges should be quoted separately. The competent authority may distribute the quantities to be procured on more than one firm. The offer must be kept valid for atleast **120 days** as per clause No-6 of Annexure-'B'

You are also requested to visit the PSPCL's website (<https://pspcl.in>) periodically to check for corrigendum issued etc.

D/A- Annexure-A, B,C, D,II, Annexure- I to V

Dy.CE/HQ.

GGSSTP, Rupnagar

CC to: - 1) Dy.CE/IMC,GGSSTP, Rupnagar alongwith Annexure-'A' to check specifications and intimate if there is any discrepancy please
2) Dy.CAO,GGSSTP,Rupnagar.



Punjab State Power Corporation Limited

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GURU GOBIND SINGH SUPER THERMAL PLANT ROOPNAGAR

Annexure-‘A’

ENQUIRY NO. 7756 /P-2/EMP-13184 DATED 5-12-25

DETAIL OF MATERIAL AND TECHNICAL SPECIFICATIONS

Sr. No	GGSSTP Code	Description of material	Qty. set
a)	Supply & Delivery of material (Technical specifications as per annexure-A).		
1	22862908	PH Sensor	2
2	22862909	Conductivity Controller	2
3	22862910	Data Logger	2
4		Misc hardware etc	2
b)	Erection, Testing and Commissioning		
5		Erection, Testing & commissioning of new PH Analysers and sending real time data to PPCB. (Scope of work as per Annexure-B).	2

Note:-

- 1) The rates quoted should be exclusive of GST. The firm should mention HSN code of each item & present rate of GST on each item
- 2) Firms should supply their GST Registration certificate along with offer/Quotation.

Terms and Conditions:-

- 1) Fax/Telegraphic/e-mail tender shall not be accepted.
- 2) The tender shall be sent in two separate envelopes as under:-
 - (a) **Part-1-** One envelope containing deposit of Earnest Money (if applicable) & Technical /Commercial bids.
 - (b) **Part-2-** The other containing the prices.

While opening the tenders the envelope containing the Earnest Money (if applicable) & Technical /Commercial shall be opened first and in case the deposit of Earnest Money (if applicable) & Technical /Commercial is in accordance with the terms of notice inviting tender only then second envelope containing the tender (prices) shall be opened.

- 3) **The tender must be accompanied by EARNEST MONEY (if applicable as per Annexure-B)**

- 4) The rates should be quoted on FOR destination basis giving break up of FOR Destination price as per **Proforma of pricing schedule** attached.

- 5) The Proforma for price schedule enclosed with specification shall be filled by tenderers duly typed and **hand written prices shall not be accepted.**

- 6) In addition to the break-up of total price i.e. ex-works cost, GST, Freight, Insurance and Packing the bidders should also give split up of ex-works price.

- 7) **Split up of ex-works prices shall indicate cost of raw material, Labour component and overhead expenses.**

- 8) Raw material can further be divided into 3-4 parts depending upon type of material.


- 9) The offer should be kept valid for 120 days from date of opening of tenders.

- 10) The bidders are not allowed to indicate over all discounts on the quoted price for which split up has been given as mentioned in Sr. No. 6 & 7 above. However, quantity/payment discount can be given by the tenderer in the main tender.

- 11) Any firm offering discount on the quoted price or after the opening of tender will be out rightly rejected.

- 12) Competent authority may distribute the quantities to be procured on more than one firm.
- 13) All pages of quotation should be duly signed & stamped
- 14) Quantity can be increased or decreased.
- 15) Relevant literature/catalogue should be sent along with quotation.
- 16) **Negotiation shall not be held except with lowest bidder.**
- 17) Random testing of material on receipt in GGSSTP Store irrespective of the fact whether or not it was inspected before despatch shall be carried out by PSPCL. In case of any failure the entire lot shall be rejected at the risk and cost of the supplier.
- 18) Any deviation from PSPCL's standard terms and conditions be clearly mentioned in quotation under "**Schedule of deviations**" otherwise all terms and conditions will be deemed to have been accepted.
- 19) **Firm should mention GST number in their offer.**
- 20) The firm must mention HSN code of all items in their offer along with GST applicable on them. Uniform GST rates shall be applied while comparison of rates.
- 21) The location for the supply of goods/services must be in the territory of Punjab as goods are meant for use in Punjab.
- 22) Sourcing of service should be made from an agency with its office located in the territory of Punjab rather than merely from HQ of that agency. (which may be located outside the state).
- 23) **Tenders should enclose copies of Orders/Contracts against which they have supply same material to other Thermal Plants of other states.**
- 24) Any firm which at the time of opening of the Tender enquiry, falls in any of the following categories, shall be regarded as defaulter and shall not be eligible for participation in any new Tender enquiry for a period of three years from the date of issue of Purchase Order in which it has defaulted:-
 - i) The Firm is a defaulter for the supply of 35% or more quantity on the date of expiry of the Contractual Delivery Period for the total ordered quantity.
 - ii) The Firm is a defaulter for the supply of any quantity for more than 6 months from the date of expiry of the Contractual Delivery Period for the total ordered quantity. Note: This clause shall be applicable item wise (all types, sizes and ratings) against which the firm has become defaulter under the above said conditions.
- 25) Payments can be made through RTGS system of Digital Payments instead of cheques to the suppliers/firms/contactors whosoever gives the consent. All the bank charges related to RTGS are to be borne by the suppliers/firms/contactors.
- 26) The firm whose manufacturing units are situated in State of Punjab shall be granted order preference to the extent of 50% of total value by de-escalating their rates by 15% in comparative statement on submission of undertaking enclosed on non-judicial stamp paper of appropriate value.
- 27) Firm which are registered with MSME are required to provide their registration certificate along with quotation. Please also note Clause no. 30(a) of Annexure-'B'
- 28) The firm should mention their complete address, official email id & contact no. in the quotation.
- 29) Conditional Tenders will not be accepted.
- 30) All other terms and conditions are as per Annexure - 'B' attached.

DA/ Annexure-B'


Dy.CE/HQ,
GGSSTP, Rupnagar.

ANNEXURE - A-5
Technical Specifications for PH Analysers

Sr. No	Technical Specification of items	
A	PH Sensor	
1	Type	Combination Glass Electrode
2	Range	0-14 pH
3	Temp Element	PT1000
4	Temp Limit	0-105 deg C
5	Pressure Limit	0-100psig@100 deg C
6	Body material	Ryton
7	Cable Integral	As per site condition
8	Sensor connection	3/4" NPT (M) Std
9	Flow through chamber/Insertion tube	<ul style="list-style-type: none"> • Sensor connection: 3/4" NPTF • I/L & O/L connections: 1/2" NPTF • Length/Width: 125 mm/60 mm It should be as suitable to site conditions
B	Conductivity Controller	
1	Type	pH/ORP/TDS/Conductivity Controller
2	Power Supply	100-270 VAC+/-10%, 50/60 Hz
3	Operating temp	0-65 deg C
4	Analog Output signal	2 Nos, 4-20mA (programmable/scalable)
5	Isolated current output	Max 600 mA
6	Relay	2-Nos Electromechanical SPDT
7	Digital Interface	Modbus RS 485 Output
8	Enclosure rating	IP65
9	Enclosure MOC	Thermoset Plastic, SS
10	Mounting	Universal with SS 316 IP67 outdoor panel for controller
C	Data Logger	
1	GPRS	4 G
2	Ethernet	1
3	Serial:	2 x RS485, 1 x RS232
4	Analog Inputs	8 x 4-20 mA ($\pm 1\%$ FS)
5	Storage	256MB (Industrial Grade microSD)
6	USB 2.0	1 for Pen Drive

Note:-

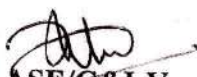
1. Above material should be of reputable make.
2. Firm should be able to give technical and service support to the offered material for next 10 years.


 ASE/C&I-V,
 GGSSTP, Ropar

Annexure-B

Scope of Work

1. The scope of work includes **Supply, Erection, Testing and Commissioning of PH Analysers at DM plant Stage-II & III and sending real time data to PPCB under C&I-5 cell, GGSSTP, Ropar.**
2. Bidder shall offer complete system including all the equipment/ sub-equipments which are required for the completeness of the system although these may not be mentioned in the specifications.
3. The bidder shall be fully responsible for proper engineering, selection of hardware, manufacture, testing, erection, commissioning and satisfactory working of the system at site.
4. All the equipments/ sub-equipments and other accessories offered by the bidder shall be of reputed make. Complete details with specifications in this regard are to be submitted by the bidder.
5. Complete work of Erection, Testing and Commissioning of PH Analysers at neutralizing pits of DM plant Stage-II & III and sending real time data to PPCB is to be carried out within 30 days of delivery of complete material at GGSSTP, Store.
6. If required, the bidder shall have to arrange Pre-Dispatch Inspection & Testing of the material at its premises at its own cost.
7. The work is to be carried out strictly as per location/site shown during commencement of work. **The firm can check the site prior to quoting so as to ascertain the exact location of installation of equipments, no communication in this regard will be entertained after issue of Purchase/work order.**
8. All the work/ supply of material relating to transfer of real time/on line data to PPCB server including supply, erection and commissioning of required hardware/ software etc. shall be in the scope of vendor.
9. The equipment offered should operate safely and accurately under the conditions described or implied in these specifications without undue heating, vibration, wear, corrosion or other operating troubles.
10. After commissioning of PH Analysers at site, it is in the scope of the firm to send real time data to CPCB/PPCB for next one year.
11. Firm shall hire technically qualified manpower required for this work.
12. All the miscellaneous work e.g. welding, civil, cement work etc will be in the scope of bidder.
13. Power supply at site will be provided by PSPCL.
14. Offered material/system must comply with the latest guidelines laid by CPCB/PPCB.
15. Offers that don't comply with the provisions of these specifications will be rejected.


**ASE/C&I-V,
GGSSTP, Ropar**