



PUNJAB STATE POWER CORPORATION LIMITED

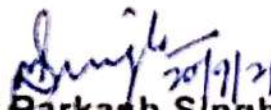
(Regd. Office : PSEB Head Office, The Mall, Patiala – 147001)
Corporate identity Number U40109PB2010SGC033813 Website: www.pspcl.in
Mobile No. 96461-07205

Press Tender Enq. No. 337 /P-3/EMP-W 11865 dated: 20.09.2021

Dy.Chief Engineer/ Headquarter (Procurement Cell-3) GGSSTP, Roopnagar invites **Press Tender** for Hydraulic testing, Ultrasonic testing of Hydrogen Cylinders as per gas cylinder Rule-1981 at a test pressure of 250Kg/cm² at GGSSTP Rupnagar.

For detailed NIT & Tender Specifications please refer to <https://pspcl.in> website.

Note: - Corrigendum & addendum, if any will be published online at <https://pspcl.in>


(Er. Sat Parkash Singh)
Dy. CE/Headquarter,
GGSSTP, Roopnagar.

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PUNJAB STATE POWER CORPORATION LIMITED
(Regd. Office PSPCL Head Office, The Mall, Patiala-147001)
(Corporate Identity Number (CIN) is: U40109PB20105GG033813)
(GURU GOBIND SINGH SUPER THERMAL PLANT, RUPNAGAR)

TENDER NOTICE

| | | |
|----|---|--|
| 1. | Address of issuing authority | Chief Engineer/GGSSTP, Material Management Cell-3, VPO. Ghanauli, Rupnagar-140113. (Punjab) Phone:- 01881-275666 Fax:- 01881-274232 |
| 2. | Open Tender Enquiry No. | Eng. No. 337/P-3/EmPW-11865 dt. 20-9-21 |
| 3. | Scope/short description of work | Hydraulic testing, Ultrasonic testing of Hydrogen Cylinders as per gas cylinder Rule-1981 at a test pressure of 250Kg/cm ² at GGSSTP Rupnagar. |
| 4. | Last date & time for sale of tender document : | 25-10-21 upto 11-00 A.M. |
| 5. | Date & time up to which tender shall be received: | 28-10-21 upto 11-00 A.M. |
| 6. | Date & time of opening of tender : | 28-10-21 at 11-30 A.M. |
| 7. | A set of tender documents containing detailed technical specifications, General instructions and terms & conditions can be obtained from Dy. CE/HQ, V & P.O. Ghanauli, GGSSTP, Rupnagar on payment of Rs.500 +GST @18% by cash or demand draft drawn in favour of Accounts officer /O&M, GGSSTP, Rupnagar payable at Rupnagar (Ropar) Punjab. | |

TERMS AND CONDITIONS:

- 1) Tenders of those bidders who have purchased the specifications shall only be opened and considered.
- 2) Tenders will be issued to only those firms which have valid approval from Petroleum and Explosives safety organization (PESO), Government of India, for testing of hydrogen gas cylinders. The firm will submit the valid documentary proof of the same while purchasing the tender.
- 3) The tender must be valid for at least 120 days from the date of opening of tenders
- 4) Tender shall be submitted in duplicate. The tender shall be in two separate envelopes, one envelope containing the main tender and the other containing the earnest money. While opening the tender, the envelope containing Earnest Money shall be opened first. In case the deposit of Earnest money is not as per clause 12, then the main tender shall not be opened and the tender shall be treated as invalid.
- 5) Quotation/Tender should be enclosed in double cover both addressed to Dy. CE/HQ, GGSSTP, Ropar, Punjab Both inner & outer covers shall be sealed and superscribed with Tender Enquiry No. as given on the enquiry/Tender Notice together with the date on which the tender opening is due and the name of work.
- 6) Period of contract: - The firm will test the cylinders in one lots of 134 nos. cylinders. Firm will complete the work and handover tested hydrogen cylinders back to GGSSTP within 90 days from the date of award of Work Order.
- 7) CE/GGSSTP, Ropar reserves the right to refuse to issue of tender documents to any contractor/firm without assigning any reason and also to reject any or all offers without assigning any reason and no claim on this account will be accepted.
- 8) Tenders received telegraphically, through e-mail, telex or fax shall not be accepted.
- 9) The tender must be complete in all respects. Conditional, incomplete or not properly sealed tenders and Tenders received after the last date & time of opening of tender shall not be accepted, In case the date of opening of tenders happens to be a holiday, the tenders will be received and opened on the next working day at the same time and place.
- 10) The firm shall have PAN & GST number issued from the concerned authority.
- 11) The contract can be terminated after giving 15 days notice by Engineer-In-Charge of PSPCL without any additional liability to PSPCL without assigning any reasons, whatsoever

- 12) The tenderers shall be required to submit EARNEST MONEY @ 2% of the tender value rounded off to a multiple of Rs 10 on the higher side subject to minimum Rs. 5,000/- & maximum of Rs 10 Lacs in the form of PSPCL Cash Receipt/Bank Draft in favour of AO/O&M, GGSSTP, PSPCL, Rupnagar, payable at Rupnagar along with the Tender.
- 13) Public Sector undertakings fully owned by the Punjab Government/ Central Government / Other State Govt. shall be exempted from depositing Earnest Money, provided that a certificate of Government ownership shall be submitted in the envelope for Earnest Money.
- 13) The rates should be quoted as per reference performa Annexure-B attached.



Dy. CE/ HQ,
GGSSTP, Roopnagar-140113



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ANNEXURE B

PERFORMA FOR QUOTING RATES

| Sr. no | Description | Qty. | Quoted rate per No. | Amount (Rs.) |
|--------|---|----------|---------------------|--------------|
| 1. | Hydraulic testing, Ultra, sonic testing of Hydrogen Cylinders as per gas cylinder Rule-1981 at a test pressure of 250Kg/cm ² . | 134 nos. | | |

Total Amount (In figures) = Rs.

Total Amount (In Words) = Rs.

(Signature of tenderer)

NOTE:

1. The rates quoted should be legibly written both in figures/ words & must be typed/ printed.
2. Rates should be inclusive of all taxes & duties, however exclude Goods and service Tax (GST).
3. The tender evaluation will be done on the basis of overall total amount.
4. The firm will give undertaking as per Annexure-C.
5. Payment to firm shall be made as per actual number of cylinders tested.

ANNEXURE-A
SCOPE OF WORK

Contractor's Scope

1. Degassing of Cylinders.
2. Water filling of cylinders.
3. Internal washing of cylinders.
4. Drying of internal surface of cylinders.
5. Through visual inspection of internal, surface of cylinders.
6. Any pitting, Or scaling, rust observed, to be removed completely.
7. Weigh the cylinder at electronic weighing scale & record the data properly in a register. Tally this data with the original data supplied by manufacturer along with the cylinder.
8. Any loss of weight must be within the permissible limit as per rule.
9. Thickness measurement of cylinder shell. This shall be taken at 4 different locations and 4 reading in each location. All this reading must be recorded properly in a register.
10. Hardness testing of cylinder materials.
11. If the thickness & other inspection result are satisfactory then cylinder is filled with water. Allow the water to settle for 5 minutes, so that any air dissolved in water is bubbled out. Note the water column high from the monometer/glass tube.
12. Pressurize the cylinder up to test pressure must be done very slowly & gradually.
13. Once the pressure reached its test pressure. Stop the Pump. Note the height of water column from the manometer/glass tube.
14. Hold the pressure for desired time (as per rule) and carry out necessary visual inspection for possible leakage etc.
15. Release the water pressure slowly (so that no water is drained out from the glass tube). Note the height of water column from the manometer/glass tube.
16. Calculate the stretch as well permanent stretch developed.
17. If the permanent stretch developed found to be below 10% of the total stretch/volume expanded, then the cylinder is certified for further use/storage of compressed gas.
18. Drain out the cylinder water completely.
19. Drying of internal surface of the cylinder.
20. Inspection & testing of cylinder valve already removed from the cylinder.
21. If the valve found OK/satisfactory, re-install it on respective cylinder with proper torque. A circular inspection ring is inserted between valve & cylinder. In case the valve is defective, new valve conforming to IS 3224 may be installed on the cylinder, for testing purpose only and same may be removed after testing. Firm will intimate defective valve cylinder number to PSPCL. PSPCL will replace defective valve at its own.
22. Purge the cylinder with nitrogen and pressurize till 20 Kg/cm². Apply soap solution at valve threads for any possible leakage.
23. Punching of all necessary data (tested by with official hand stamp, test pressure, test date on the neck of cylinder and OR inspection ring inserted between cylinder & cylinder valve.

NOTE

1. To and fro charges for transportation of cylinders from GGSSTP to testing site and back to GGSSTP shall be in the scope of testing firm.
2. The tested Cylinders and defective valve shall be returned back to GGSSTP by firm along with test certificate of Cylinders.
3. If any cylinder has defective valve, firm will intimate cylinder number to PSPCL. PSPCL will replace valve at its own. No payment for valve replacement will be paid to the firm.
4. Payment to firm shall be made as per actual number of cylinders tested.