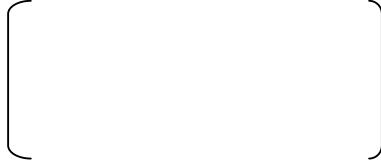




BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL.
FIELD MAINTENANCE DIVISION(TPTN)

Tel: 0755-2503152



Ref: FNX/TPTN/43/10/

Date: 23.02.2010

TENDER ENQUIRY

Sub: Modification of Leaking Brine circulation system of Hedrich-Savas VPI Plant 5/B/2179.

Dear Sirs,

Sealed tender super-scribing the name of work, tender notice no. and due date is invited by the undersigned for executing the following work :-

S. No.	Description of work	Earnest money deposit	Due date	Completion Time
1.	Modification of Leaking Brine Circulation system In VPI Plant 5/B/2179	As per point 5	19.03.2010	60 days

2. SCOPE OF WORK:

Brine (a mixture of glycol & water) circulation System of the Hedrich –Savas supplied VPI Plant installed in Traction Motors will be modified as following :

- All corroded piping in Brine circulation system (from Brine chilling tank to resin storage tanks) to be replaced by stainless steel (SS304) piping.
- Testing of resin storage tanks for leakages.
- Replacement of brine Circulating jacket / cooling coil of storage tank 2.1
- Replacement of brine Circulating jacket / cooling coil of storage tank 3.1
- Replacement of inter connecting piping between storage tank 2.1 & 3.1 to brine chilling tank
- Cold insulation of Brine jacket of storage tanks 2.1 & 3.1.
- Cold insulation of Inter connecting piping of entire Brine system.
- Replacement of all seals, gaskets and packing, flanges, elbows, electro pneumatic valves, Butterfly valves, reducers etc. and damaged hardwares.
- Use existing water circulating pump (if found OK, otherwise to be replaced) for new piping.

j) Material Supply :

For above modification, all the required materials will be supplied by the party.

k) ERECTION & COMMISSIONING WORK :

The party will carry the above modification work inside BHEL and commission the plant for regular production.

- 2.1. All spares required during modification of brine circulation system would be to the account of work executing party. Detailed bill of material with clear specification should be enclosed with the techno-commercial offer.

- 2.2. The party must identify all the required items before submitting the offer. Any welding, brazing etc. facilities, as required for successful execution of the work, have to be arranged by the party.
- 2.3. Any other work involved in successful completion of the work and not covered above shall also be the responsibility of the contractor.
- 2.4. After successful modification, the plant would be handed over to production division for job trial and regular production would begin on the plant. Completion of work will be defined as handing over of plant after successful trial.
- 2.5. After completely satisfying themselves with regards to the leakages, capacity etc. by manufacturing or running few production cycles, satisfactory performance certificates would be released. Only on receipt of such certificate, the bill would be processed.

3. **FACILITIES**

This contract involves material as well as service. All consumables like lubricants, Kerosene oil, cotton waste etc. will be supplied free of cost during modification and commissioning inside our premises. However the contractor should make his own arrangements for all the types of hand tools including pneumatic/electrical drill machines, welding/brazing machines etc. alongwith the necessary toolings.

- 3.1. Crane facilities along with lifting tackles, trolleys, truck etc. are available free of charges while working inside BHEL premises only.

4. **TERMS OF PAYMENT** – Shall be as under –

- 4.1. The first payment would be released only after supply of full material and after the dismantling of corroded brine piping at BHEL by the contractor. The first payment would include 100% of material charges and 30% of the labor charges.
- 4.2. 60% of the labor charges shall be paid after the completion of modification, inspection and acceptance by BHEL.
- 4.3. 10% of the labor charges to be paid after erection and commissioning of the modified brine system and successful trial at BHEL, Bhopal, handing over of the plant and release of performance certificate by User division and plant maintenance personnel of BHEL.
- 4.4. **LD** clause shall be applicable as 0.50% (1/2 Percent) per week of the Contract Value. The LD shall be deducted if the handing over of plant is delayed beyond the agreed period of completion and shutdown time. The maximum amount of the LD shall be 10% (Ten Percent) of the Contract Value. This shall be linked with the delivery schedule as per the para 4.1, 4.2, and 4.3 as per the activity chart.

The technically and Commercially clear bill shall be processed immediately.

5. **EARNEST MONEY**

Earnest Money is to be paid by each tenderer to ensure that the tenderer does not refuse to execute the work after it is awarded to him. The rate of earnest money deposit shall be as under:

- | | |
|--|-----------------|
| - Works costing up to Rs. 2 lakhs | : Nil |
| - Works costing more than Rs. 2 lakhs and up to Rs. 5 lakhs | : Rs. 10,000/- |
| - Works costing more than Rs. 5 lakhs and up to Rs. 10 lakhs | : Rs. 20,000/- |
| - Works costing more than Rs.10 lakhs and up to Rs. 20 lakhs | : Rs. 40,000/- |
| - Works costing more than Rs.20 lakhs and up to Rs. 30 lakhs | : Rs. 60,000/- |
| - Works costing more than Rs.30 lakhs and up to Rs. 50 lakhs | : Rs.1,00,000/- |

One time EMD will also be Rs. 2 lakhs.

The EMD should be accompanied in the form of Cash or Demand draft in the name of BHEL, Bhopal, the sum may be deposited in our cash office at Bhopal on any working day and the receipt to be enclosed with tender. Tender not submitted with earnest money are liable to be rejected.

6. **SECURITY DEPOSIT:**

- a) Security Deposit shall be collected from successful tenderer before start of work. The rate of security deposit will be as;

- i) Upto Rs. 10 lakhs : 10%
- ii) Above Rs. 10 lakhs and upto Rs. 50 Lakhs : 10% + 7.5% of the amount exceeding Rs. 10 akhs.
- iii) Above Rs. 50 lakhs : Rs. 4 lakhs + 5% of the amount exceeding Rs. 50 lakhs.

- b) Security deposit may be furnished in any of the following ways;
 - i) Demand Draft in favor of BHEL, Bhopal
 - ii) Security deposit can also be recovered at the rate of 10% from running bills. However in such cases atleast 50% of the security deposit should be submitted before start of work and balance 50% may be recovered from running bills.
- c) Refund of Security Deposit - The security deposit refundable to the contractor worked out on the basis of the value of work completed shall be refunded to the contractor on the Engineer-in-charge certifying in writing that the work has been completed as per work order after completion of warranty period.

7. INSPECTION

The tenderer can inspect the plant before quoting if they desire, on any working day before the last date for submission of tenders.

8. TENDER SUBMISSION AND OPENING.

Tender room location : Adm Blg, GF
Tenders Submission time/date : 13.00 Hrs. on March 19, 2010 or before.
Tender opening time/date : 14.00 Hrs. on March 19, 2010 in the Tender Room.
The tender envelope must carry the following information on the top of the envelope:

Tender/Enq. No. :
Party's name :
Tender/Enq. Opening date :

The tender should be dropped in the tender box kept in the tender room.

- 9. In the event of acceptance of tender, and if the contractor fails to commence work within prescribed period, BHEL shall, without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely.
- 10. Accepting authority reserves the right to reject any or all quotations without assigning any reason thereof.
- 11. For General terms and conditions for inviting tenders and award of contract Ref. Annexure-I.
- 12. Quotations must be valid for at least 90 days.
- 13. **Duration of warranty** should be minimum one year from successful handing over of the plant.

14. COST OF TENDER DOCUMENTS

Your quotations must be accompanied with bank draft worth Rs. 500/- (Five Hundred Only) in the name of BHEL Bhopal towards cost of the tender documents, without which the quotations may be rejected.

15. RULES AND REGULATIONS OF THE CENTRAL/STATE GOVERNMENT

In the event of award of any contract to you, you will have to observe and perform all the laws/enactment for the time being in force. For an example you will have to submit with us the information about wage bills amount and deduction of contributory provident fund of all of your employees every month.

Your permanent P.F. Account No. ESI Reg. No., Labour License No., PAN etc. allotted by the concerned authority should also be mentioned in your quotation. This is necessary as per the latest directives from

Regional Provident Fund Commissioner M.P. Government. PF clearance / Inspection report should also be submitted by the party.

Documents regarding your registration with Sales Tax and Excise authorities may also be forwarded alongwith income tax clearance.

16. All the documents being sent herewith should be returned back to us duly signed on each paper along with your offer. The general terms and conditions being attached herewith shall also form an integral part of contract Agreement for the work order awarded to you.
17. The quotation should contain both Techno – Commercial and Price details in separate bids clearly superscribed.
 - a) In the Techno-commercial bid the detailed technical specifications of the offered package along with all the commercial terms and conditions should be included. Detailed bill of material with clear specifications, suitable for desired operating parameters for Glycol & water mixture, should be enclosed with technical offer. All the scope of work, terms and conditions should be indicated in the Techno-commercial offer separately.
 - b) Price Bid: It should include the total price of the offered package. **Material cost and the labour cost** should be quoted **separately** indicating taxes, duties & other charges separately.

Both the bids should be submitted separately in separate envelopes. The envelopes should be marked. To enable us to avail MODVAT credit for excise duty, all the relevant papers are to be submitted to BHEL. The contractor would submit excise invoice cum gate pass in duplicate in the name of BHEL Bhopal to CRX Division. at BHEL Bhopal. CRX Division. would forward these documents to excise cell after affixing the consignment note number in the same.

Thanking You

Yours faithfully,

Mgr(FNX)
For B.H.E.L. Bhopal