

**MISHRA DHATU NIGAM LIMITED  
P.O.KANCHANBAGH, HYDERABAD**

**Part-II (PRICE BID)**

**WATER PROOFING WORKS FOR OHT, CELLAR  
AREAS OF MS-I, TI-SHOP & FORGE SHOPS,  
MIDHANI,  
KANCHANBAGH, HYDERABAD-58.**

**PURCHASE DEPARTMENT****Tender Notice No: MDN/PUR/AP20/ADVT/306/16-17****Date:-25-02-2017****To,**

Dear Sir,

**Sub: - WATER PROOFING WORKS AT OHT, CELLAR AREAS OF MS-I, TI& FORGE SHOPS, MIDHANI, - req**

1. Please find enclosed herewith a Tender Enquiry for the above, you are requested to furnish your offer in a sealed cover superscripting the envelope with name of work and last date of submission, along with EMD of Rs 16,150/- drawn in favour of MIDHANI. The tenders without EMD amount will be rejected; request for adjustment from pending bills will not be entertained. Estimated Value of work is Rs 6.45 lakhs.
2. Tender shall be submitted in tender box kept at corporate office on or before 17-03-2017 up to 10.30 hrs.
3. The period for completion of **Module –I** (i.e waterproofing works at MS-I, Ti & Forge Shops) is **90 days** from the date of handover of site & the period of completion of **Module –II** (i.e Water proofing works for OHT) is **30 days** from the date of hand over of site &. Time is essence of the contract; contractor has to mobilize materials & labour to complete within stipulated time period.
4. The tenderer shall inspect the site of work and understand the scope of work before quoting. No extra amount will be paid on account of misunderstanding either in scope of work, specification, drawings, site conditions etc.
5. All materials required for the work shall be arranged by the contractor unless until specified in Bill of Quantities.
6. The work shall be carried out as per MES-SSR-2009 specifications.
7. This is an item rate contract and the quantities are approximate, but payment will be made only on actual work done based on joint measurement.
8. Four R. A Bills and one Final Bill will be paid. The contractor has to furnish all material bills along with each bill (if any).
9. R.A Bill will be paid within 15 days from the date of certification of Engineer-in-charge. However, Final payment will be made within 30 days after satisfactory completion of work and certification by Engineer-in-charge.
10. **Security Deposit** will be deducted at 10% of value of each bill and final bill. Also EMD will be adjusted in the 10% S.D. The same will be returned after expiry of maintenance period of six (06) months. Any defect developed during the defect liability period, the contractor has to rectify the same at the free of cost. Further, if the contractor fails to rectify the same within 7 days of notice, then the same will be carried through other

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agency/MIDHANI and an equivalent amount will be deducted from the bills/or any amount due to the contractor.

11. The security and safety rules of MIDHANI to be followed. The contractor shall take care of all labour laws regarding minimum wages, ESI, PF, C.A.R. Policy, etc., Midhani is no way responsible in this respect. Midhani is not liable for any claim in respect of any accidents during the work.
12. The quantities are subjected to  $\pm 20\%$  variation and the contractor has to carry the work on the same rates, terms and conditions within the variation limits prescribed.
13. (a) MIDHANI reserves the right to operate partial or delete any item specified in BOQ without any compensation to contractor for the items un-operated or deleted.  
  
(b) If at any time after acceptance of the tender MIDHANI feels that for any reasons whatsoever, if the whole or any part of the contract services is not required to be carried out, notice shall be given in writing of the fact to the contractor and upon receipt of such notice, the contractor shall stop the execution of such services as indicated in the notice forthwith. The contractor shall have no claim to any payment of compensation or otherwise whatsoever on account of any profit or advantage which he might have derived from the execution of the services in full, but which he did not derive in consequence of the foreclosing of the services / contract. Contractor shall be paid at contract rates for the full amount of the work executed including such additional services as may be rendered necessary by said foreclosing.
14. Any new items (viz. supply of material, labour, skilled works etc) will be paid as per (a) or (b) whichever is less:
  - a) As per MES-SSR 2010 rates with applicable Percentage Index at that time.
  - b) As per market rate analysis.
15. The contractor should not cause any loss or damage to MIDHANI property/or personnel, if any loss or damage is caused the cost of the same will be recovered from the bills by MIDHANI, which will be final.
16. The quantities are subjected to  $\pm 20\%$  variation and the contractor has to carry the work on the same rates, terms and conditions within the variation limits prescribed.
17. If the contractor fails to receive the work order within a week time from the date of intimation to him or if the contractor does not start the work within 3-7 days from the date of handover of site, or if the work is abandoned / stopped without bringing proper notice to Engineer-in-charge, the contract will be terminated and balance work will be carried out at the cost and risk of contractor.
18. Liquidated Damages: -
  - a) If the work is not completed within stipulated time, liquidated damages at 1% per week delay up to maximum of 10% total value of work will be deducted.
  - b) If the delays are not attributed to the contractor, the competent authority holds the right to waive off the L.D or reduce the L.D as the case may be.
19. Midhani reserves the right to penalize

- a) If the contractor fails to submit the 5% Security deposit within the stipulated period, then penalty of Rs 1000 per day maximum of 10,000.00 will be collected and further delay will empower MIDHANI to termination of contract and apply risk purchase.
- b) If the contractor fails to receive the work order within 3 days of intimation, then a penalty Rs 500 per day will be levied subjected to maximum of Rs 5000.00. Further delay will empower MIDHANI to termination of contract and apply risk purchase.

20. The offer shall be valid for 3 months from the date of opening of tender.
21. Interested parties may attend tender opening on 17-03-2017 at 11:00 hrs.
22. Incomplete or partially filled tenders will be rejected. Also, conditional offers are liable for rejection. MIDHANI reserves the right to accept or reject any or all tenders without assigning any reasons.
23. Contractor has to maintain site record, hindrance record, record for steel, cement etc.
24. The contractor shall employ minimum one qualified & well experienced Diploma / Graduate Engineer for the supervision of work. Deployment of Engineer at site to be certified by Engineer-In-Charge.
25. Site has to be cleaned by the contractor before handing over to MIDHANI after completing the work. The final bill will be processed only after obtaining site cleaning certificate from the Engineer-in-charge.
26. The contractor shall bear all levies, taxes including service tax, duties etc., payable or arising from/ out of by virtue of or in connection with and / or incidental to the contract or operation(s) or any other part thereof to be performed by the contractor and the contractor shall indemnify and keep indemnified MIDHANI from and against the same or any default by the contractor in the payment there of.

Yours faithfully,  
For Mishra Dhatu Nigam Limited

**T.RAGHURAM**  
**Addl. General Manager (I/C Purchase)**

- DECLARATIONS: - 1) I have seen the site and understood the full scope of work, specified in tender, BOQ etc.  
2) I agree to return all the documents along with this offer.

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P.S;- 1. All Parties shall attend pre bid meeting on 06-03-2017 at 11.00Hrs in the Purchase Department.

| MODULE -I   |   |       |          |                                     |    |        |    |
|---|---|-------|----------|-------------------------------------|----|--------|----|
| BOQ for Waterproofing works at Cellar areas of MS-I, Ti & Forge shops |   |       |          |                                     |    |        |    |
| Sl.No   | Description of work   | unit  | Quantity | Rate                                |    | Amount |    |
|   |   |       |          | Rs                                  | Ps | Rs     | Ps |
| 1   | Providing & waterproofing plaster in cellar areas with 15 mm thk in rich cement mortor (1:4) including void sealing with pressure grouting at 300mm C/c using propriory water proofing compound, including the cost of making plater to the even surface, curing, scaffolding, tools, labours, materials etc., at all levels complete. (Guarantee period of 5 years to be given on Rs 100/- stamp paper ) | Sqm   | 392.00   |                                     |    |        |    |
| 2   | Cleaning of oil surfaces with suitable acid for the water proof plastering and removal of the wastage from the site complete.   | Sqm   | 220.00   |                                     |    |        |    |
| 3   | Supply of semi skilled labour   | Mdays | 10       |                                     |    |        |    |
|   |   |       |          | <b>Total Amount of Module-I Rs.</b> |    |        |    |

| MODULE -II  |  |      |          |      |    |        |    |
|---|--|------|----------|------|----|--------|----|
| BOQ for Waterproofing at Over Head Tank near MS-II, MIDHANI   |  |      |          |      |    |        |    |
| Sl.No   | Description of work  | unit | Quantity | Rate |    | Amount |    |
|   |  |      |          | Rs   | Ps | Rs     | Ps |
| 1   | Providing & a pressure grouting as per following procedure.  | Sq.m | 365      |      |    |        |    |
|   | i. Surface scraping and cleaning, pot holes to be finished with cement + sand + admixtures, if found.  |      |          |      |    |        |    |
|   | ii. Cracks cutting and filling the openings with Dr.Fixit Crack X powder 202 or equivalent proprietary chemical / product and admixture of Dr. Fixit Pidicrite URP or equivalent proprietary chemical / product. |      |          |      |    |        |    |
|   | iii. Water tank Inlets and Outlets packing with Dr.Fixit Instant plug or Dr.Fixit Grout or equivalent proprietary chemical / product.  |      |          |      |    |        |    |
|   | iv. Application of One coat primer.with Dr.Fixit URP or equivalent proprietary chemical / product.   |      |          |      |    |        |    |
| v. Application of Pidicrete URP 2k polythene rubberized chemical or equivalent proprietary chemical / product coatings in Two coats in the proportion of 1:2. |  |      |          |      |    |        |    |

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|   |  |     |     |                                       |  |
|---|--|-----|-----|---------------------------------------|--|
|   | vi. Tenderers who are going to quote "equivalent proprietary chemical / product" has to give the complete Technical literature supported by guarantee of 5 years against leakages.   |     |     |                                       |  |
| 2 | Providing & pressure grouting as per following procedure.  |     |     |                                       |  |
|   | i. PVC grouting nozzles of 130mm length & 10mm outer dia, with a stopper at the outer end, shall be fixed on the concrete surface @ 0.3 to 0.5m C/C or at the particular location of water leakage, by drilling a hole of same dia and inserting upto a depth of 80mm. Cement paste shall be used to fix and seal the sides of the nozzle. |     |     |                                       |  |
|   | ii. After 24 hrs of fixing of nozzles, grouting operation shall be carried out.  |     |     |                                       |  |
|   | iii. The Grout shall be prepared with mix of OPC & non shrink grouting chemical (proprietary chemical), W/C ratio shall be maintained not more than 0.45.  | nos | 540 |                                       |  |
|   | iv. Grout mix shall be prepared of good consistency for ease in passing through grouting pipe.   |     |     |                                       |  |
|   | v. The grouting shall be done under pressure of 3 to 5 kg/cm <sup>2</sup> using grouting pump.   |     |     |                                       |  |
|   | vi. Grout shall be pumped till the time it flows into the structure, filling all the gaps inside. The consumption of grout in each hole shall be recorded.   |     |     |                                       |  |
|   | vii. Once completed and grout is completely set, the projected parts of the nozzles shall be removed, surface shall be cleaned and finished smooth.  |     |     |                                       |  |
|   |  |     |     | <b>Total Amount of Module –II Rs.</b> |  |

**P.S:-** i. The water proofing carried for the said O.H.Tank shall be guaranteed against leakage for a period of 5 years on Rs 100 Bond paper from the date of certification of completion of work by E.I.C.

ii. The contractor has to rectify the defects (if any) at free of cost as and when brought to the notice of contractor by written or oral communications, failing which the work will be carried through other agency / contractor at the risk and cost of contractor.

### Summary:

Total Amount of Module –I = Rs.

Total Amount of Module – II = Rs.

**Grand Total Amount** = Rs.

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