

**BHARAT HEAVY ELECTRICALS LIMITED**  
**HEAVY ELECTRICAL EQUIPMENT PLANT,**  
**RANIPUR, HARDWAR - 249403**  
Phone: 01334 281364 Fax: 01334 226460

Notice No. WEX/BI3/EOI/01/2011-12 Dt. 21.05.2011

**Sub: Expression of Interest for maintenance of machine tools.**

Services from Interested Parties are required for breakdown and preventive maintenance of machine tools like Vertical Boring, Horizontal Boring, Drilling machines etc. as per scope of work (ref no. WEX/BI3/EOI/01/2011-12/scope) for the m/c list and details given below:

1. Radial Drilling Machines, Make HMT (Model-RM62, RM 63, RM 65 etc) 11 Nos.
2. Vertical Boring Machines, Make-Russian (Model-1531, 1541, 1M553, 1M557 etc) 14 Nos.
3. Horizontal Boring Machines, Make – Russian (Model-2B635, 2620B, 2656 etc), Make – HMT (AZ11 etc) 11 Nos.
4. Polishing and grinding machines, Make-Russian (3853 etc), Indian (SPM 2014 etc), Indian (GMT, GM350 etc), HMT (GTC28 etc) 18 Nos.
5. Planners/ Plano Milling, Jig boring, Optical milling Machines, Make – Russian (Model-6610, 7A256T, 6Y612T etc) 6 Nos.

No. of machines may vary  $\pm$  5 nos.

No. of Shifts: 02 plus Sundays and Holidays.

Proposed period of contract: 24 Months

Interested parties may submit their proposals detailing (a) Cost of work (b) Management Terms and conditions along with the information as per enclosed format for expression of interest (ref. WEX/ BL3/EOI/FORMAT/01/2011-12). Expression of the interested party must reach the undersigned by 16:00hrs on 24/06/2011. Technical suitability of the received offers shall be evaluated and only the short listed parties shall be considered. Vendors are strongly advised to visit the site and see machine documents before submitting their bids.

All above details are available on our website [www.bhelhwr.co.in](http://www.bhelhwr.co.in). & [www.bhel.com](http://www.bhel.com).

**Aditya Kumar**  
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**Phone no.-01334-281364,**

**WEX/B13/EOI/01/2011-12/Scope**

**Name of work: Annual Maintenance of machine tools at Block 3,HEEP,BHEL, Haridwar**

**A. Scope of work:**

1. Total maintenance (Breakdown and Preventive) of machine tools listed above in the notice to ensure its Annual Average Availability of more than 95% in trouble free running condition on two shifts basis.
2. Machine Tools are installed in production block 3 in HEEP, BHEL, Haridwar. Minimum one work center shall be ensured to provide efficient service.
3. The work center shall be supervised by two competent supervisors (one mechanical and one electrical) and the total work shall be supervised by an engineer in charge.
4. The work center shall operate in two shifts with adequate workforce.
5. Preventive maintenance of machine tools are to be carried out as per schedule and preventive maintenance check list. Party shall fill up the relevant formats and check lists during the course of preventive maintenance. The preventive maintenance checklist and the relevant formats will be provided by BHEL.
6. Breakdown maintenance of the machine tools is to be carried out in two shifts.

**B. Terms and conditions:**

1. Annual average breakdown must be less than or equal to 5% of total available hours of these machines.
2. All tools and tackles required for maintenance works shall be arranged by party.
3. BHEL shall supply, free of cost, all consumables like grease, lubricating oil, cotton waste, welding rod, washing/cleaning liquid etc.
4. Repair and overhauling of all electric motor shall be undertaken by BHEL. Party shall arrange to deliver damaged motor and collect repaired motor from BHEL's electrical repair shop.
5. All spare parts shall be provided by BHEL free of cost. Repair/rebuilding/manufacturing of mechanical spares shall be done by BHEL free of cost. Preparation of drawings/sketches for the same shall be done by BHEL. However dismantling of spares/assemblies, delivering the same in CMWS for Repair/rebuilding/manufacturing, inspection, collecting the same after repair, reassembly on machine etc. shall be done by party.
6. Following records shall be maintained and kept ready for inspection by BHEL engineer incharge, at all times.
  - (a) Preventive maintenance records and relevant forms (Forms shall be supplied by BHEL free of cost).
  - (b) Daily log book for reporting of breakdowns, repair and handing over history.
  - (c) Machine wise list of replacement of spares.

(d) Any other report desired by BHEL regarding the contract.

7. Period of contract shall be of two years.
8. All works have to be carried out in BHEL premises.
9. No accommodation facility shall be provided by BHEL in BHEL campus or otherwise.
10. Office at site with relevant facility in BHEL shall be provided free of cost.
11. All the labor laws applicable like PF, ESI, Bonus etc. has to be abide by the party.

**Format for Expression of Interest:**

**1. Name of Party:**

**2. Address for communication:**

**3. Company profile:**

**4. Engineering capability:**

**5. Financial Capability:**

**6. Business turnover in PSU's:**

**7. Proposed manpower deployment:**

**8. Engineering and Technical Capability for proposed work:**

**9. Experience of similar work done (if any):**

**Name, Signature & Contact Details of Authorized Signatory**