



NO:BHEL:IVP:SDC:EOI:12-13

Date: 18/04/2012

NOTICE INVITING APPLICATIONS FOR REGISTRATION OF VENDORS

BHARAT HEAVY ELECTRICALS LIMITED [BHEL] IVP is manufacturing Industrial Valves and other Boiler accessories at its Industrial Valves Plant, Goindwal Sahib Unit. The range of valves include Carbon Steel, Alloy Steel and Stainless Steel- Gate, Globe and Non-return Valves (Flap Valves) of Pressure classes upto C600 of sizes 2" to 24" at present. The plant is heading towards increasing its volume as well as range of items. For an annual turnover to the tune of 200 Cr. BHEL IVP has to procure various forms of raw materials, bought out items and sub-assemblies

Expression of interest and applications for registration are invited from reputed Indian manufacturers/agents of foreign manufacturers [if the manufacturer is not Doing business in India directly].

Vendors are required for the below mentioned items:

Valve Castings	Casting manufacturers having sound foundry infrastructure and experience/willingness to supply castings components required for our valves sizes from 2" to 24" in material grades Carbon Steel [ASTM A 216 Gr. WCB, WCC], Alloy Steel [ASTM A 217 Gr. WC6, WC9] and Stainless Steel [ASTM A351 Gr. CF8, CF8M]. Annual procurement qty is around 6000MT. Machined castings are also procured.
Packing Boxes	Packing boxes of various sizes made of hard wood/ Plywood/ Steel/Any other material used for packing of our products. Approx annual requirement is 120000 CFT. For sample drawings and technical delivery conditions, pl. refer to folder named "Packing Boxes".
Fuel pipe coupling gasket	Technical delivery condition [TDC] No. 05-189-02 attached. Annual Requirement is around 2000+ Nos. Pl. refer folder "Fuel pipe Coupling Gasket" for Drawing and TDC.
Malleable Iron castings & SG Iron Castings	Hand wheels are used in Valves. These are procured in any of the materials between SG Iron as well as Malleable Iron. Hand wheels for valves made of Malleable Iron are procured according to standard IS: 14329. Hand wheels for valves are procured in SG Iron according to standard GR 450/10 of IS 1865. Annual Procurement Qty is 30000 Nos. Fuel Pipe Coupling castings are procured in Malleable Iron ASTM A 47 Gr. 32510 or ASTM A 536Gr 65-45-12 as per TDC :5:189/02 for drawing refer to folder "Fuel Pipe Casting"
Aluminium Castings	Aluminium castings are required in Wall blower Assembly. For drawings refer to folder "Aluminium Castings". Annual Requirement is around 3000 Nos. /Drawing.
Investment	Wall blower items like Nozzle head castings and bushes are procured in the

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INDUSTRIAL VALVES PLANT, GOINDWAL
(Supplier Registration Cell)

Castings	Investment Castings. ASTM A 297 Gr. HH is used for Investment castings. Annual Procurement qty is around 2000Nos. Also there is a probability for the procurement of 2" and 3" valve sizes in Investment casting process. Volume in valve castings in mentioned range is approximately 670 MT /Annum. For drawings and TDC refer folder "Nozzle Head Castings".
Eye Bolts	Forged eye head bolts made of ASTM A193 Gr. B7 with nut made of ASTM A194 Gr. 2H and as per Technical Delivery Condition No. TDC:5:164 & TDC:5:166. Annual Requirement is approximately 100000 Nos. Forged eye head lifting hooks made of IS-4190 & IS-1875 CI 2
Emery Paste	Black Silicon Carbide Lapping Paste; Extra Coarse- Particle size [PS] 80 microns, Grit Size 120; Coarse- PS 60 microns, Grit Size 220; Fine- PS 25Microns, Grit Size 320. Annual requirement is around 10000 Kg.
Steel Rounds	Carbon Steel and Stainless Steel Rolled/Forged Barstocks of ASTM SA 105, ASTM A 182 Grades F6a CI 3, F430, F 304 & F316 of sections from ϕ 22 mm to ϕ 300. Total annual requirement of all grades ~ 400 MT.For Technical Delivery Conditions, pl. refers to folder named "Steel Rounds".
Non-Ferrous Items	Mainly Aluminium Bronze/ Fully machined items Weighing ~1 kg to ~5 kg. Approx annual requirement of all sizes Together would be 25000 nos. For sample shape and Technical Delivery Condition, pl. refers to folder named "Non-Ferrous Items".
Spiral Wound Gaskets	Elliptical with loop and circular shaped Spiral wound gaskets with SS 316 filler. Approx annual requirement 25000 nos. of various sizes. For sample drawings and technical delivery conditions, pl. refer to Folder named "Spiral Wound Gaskets".
Packing rings	Non-asbestos endless and single oblique cut circular packing rings of Graphite material. For drawings, pl. refers to folder named "Packing Rings and Bull rings". Annual Requirement is around 2,00,000 Nos.
Welding consumables	SAW flux and E430, E410 steel wires.
Machined components	Various valve components of SA 105 & A182 Gr. F6A/ F316 materials. Total Requirement of these components is more than one Lakh. For sample drawings and technical delivery conditions, pl. refer to Folder named "Machined Components". Annual Procurement is above 2 crore.
Padlock	Padlock 6 Lever S 528. Refer folder "Padlock" for drawings.
Limit Switch	As Per TDC VL: STDC: 021 for drawings refer to folder "Limit Switch". Annual requirement is 4000 Nos.
Sintered Bronze Bush	IS 3980 Gr. 1 Class A. For Drawings refer to folder "Sintered Bronze Bush" Qty. required 60000 Nos. /Annum

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Pipes & Tubes	Pipes and Tubes are required in the following material grades SA 106 Gr. B, C, IS 1079 ,IS 513,AISI 602 ,SA210 Gr. A1, SA 192. Annual requirement is approximately 5000Mtrs.
Wall blower Motors	Two below Mentioned motors are used in Wall Blower: 1)0.56 KW, 415 Volts, 50 Cycles, 3 Phase induction Motor Class F Insulation 2)0.09 KW, 415 Volts, 50 Cycles, 3 Phase induction Motor Class F Insulation As per TDC for wall blower motors TSB 019 rev:10 Drawing no. 42020100303/02 Qty. Required is 3000 Nos. /Annum /Per motor
Machining job-work	Almost all castings and rounds/plates are to be machined as per BHEL Drawings on sub-contracted basis.

MSE's shall be given preferences as described in "Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012" subject to the submission of proper documentary evidence (i.e. District Industries Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of Micro, Small and Medium Enterprises) with quotation. "Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012" document can be downloaded from link <http://dcmsme.gov.in/FinalPressorder.pdf> and can also be collected from the office of Manager/MM IVP Goindwal. Salient feature of this order are as below:

- 20% Procurement of the tender value shall be made from MSE (Micro, Small Enterprises) firms.
- 4% from the above mentioned 20% procurement quantity shall be procured from MSE's owned by SC /ST's. Failure to participate by any MSE owned by SC/ST's this 4% quantity shall be procured from other MSEs.
- EMD shall be exempted for MSEs. All these benefits are subject to production of all statutory documents
- In tender, participating Micro and Small Enterprises quoting price within price band of L1+15 per cent shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a Micro and Small Enterprise and such Micro and Small Enterprise shall be allowed to supply up to 20 per cent of total tendered value. In case of more than one such Micro and Small Enterprise, the supply shall be shared proportionately (to tendered quantity).

Arjit Kumar

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INDUSTRIAL VALVES PLANT, GOINDWAL
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BHEL IVP is looking for prospective raw-material manufacturers and machining job-work vendor who have well-established and sound organizational infrastructure and quality systems to work with.

BHEL IVP shall evaluate the vendors as per its established vendor selection, evaluation and registration procedure. Supplier registration form can also be downloaded from our website www.bhel.com available as a downloadable link at [http://www.bhel.com/images/pdf/vendor/Guidelines Indian Suppliers SEARP2010Amdt.02.pdf](http://www.bhel.com/images/pdf/vendor/Guidelines%20Indian%20Suppliers%20SEARP2010Amdt.02.pdf)

BHEL IVP invites such vendors to visit its plant located in Goindwal Sahib Punjab Dist Tarn Taran on any working day from Monday to Saturday between 0900 Hrs to 1600 Hrs and contact undersigned for any Clarification regarding:

Area about which information is required	Items details and requirement	Vendor registration form/procedure	Machining Job work
Phone No.	01859-224615	01859-224618	01859-224614
Email	mm@bhelivp.in	sdc@bhelivp.in	rk@bhelivp.in

Fax: 01859-222061
BHARAT HEAVY ELECTRICALS LIMITED
INDUSTRIAL VALVES PLANT
433, INDUSTRIAL COMPLEX
GOINDWAL SAHIB, DISTT. TARN TARAN

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