



BHARAT HEAVY ELECTRICALS LIMITED
INDUSTRIAL VALVES PLANT, GOINDWAL
(Supplier Registration Cell)

NO:BHEL:IVP:SDC:EOI:13-14

Date: 19.04.2013

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 includes 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 500 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 preferably machined castings and C600 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] and in the pressure classes of 150,300,600. Annual procurement Qty. is around 5000MT.
Packing Boxes	Packing boxes of various sizes made of hard wood/ Plywood/ material used for packing of our products. Approximately annual requirement is 150000 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 2500+ 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 12000 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". Annual requirement is around 2500 sets.
Aluminium Castings	Aluminium castings are required in Wall blower Assembly. For drawings refer to folder "Aluminium Castings". Annual Requirement is around 1500 Nos. /Drawing.
Investment Castings	Wall blower items like Nozzle head castings and bushes are procured in the Investment Castings. ASTM A 297 Gr. HH is used for Investment castings.

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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 20000 Nos. Forged eye head lifting hooks made of IS-4190 & IS-1875 Cl 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 Cl 3, F430 (Otharon), F 304 & F316 SA 193 B7, IS 1875 of sections from ϕ 22 mm to ϕ 300. Total annual requirement of all grades ~ 500 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, E430, E410 saw wires. Cobalt base bare solid filler rod for Hard facing that conforms to ASME Sec.II.C, SFA-5.21 classification ER CoCr-A. For all the welding consumables apart from submission of vendor registration form approval from Welding Research Institute (WRI Trichy) is mandatorily required. Annual Procurement is around Rs. 2.0 crores
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".
Padlock	Padlock 6 Lever S 528. Refer folder "Padlock" for drawings. Reserved for MSE vendors only as per govt. Policy. Only the applications given by MSE suppliers shall be considered for this category
Limit Switch (Light Duty and heavy duty)	As Per TDC VL: STDC: 021 for drawings refer to folder "Limit Switch". Annual requirement for Light Duty Limit Switch is around 3000 Nos. For Heavy Duty the annual requirement is around 1500 Nos.
Sintered Bronze Bush	IS 3980 Gr. 1 Class A. For Drawings refer to folder "Sintered Bronze Bush" Qty. required 4500 Nos/Annum.

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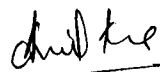
Pipes & Tubes	Pipes and Tubes are required in the following material grades SA 106 Gr. B, C, IS 1079 ,IS 513,AISI 602 ,SA210 Gr. A1, SA 192, SA335P22, . Annual requirement is approximately 5000Mtrs.
Wall blower Motors (category reserved for MSE suppliers only)	Two below Mentioned motors are used in Wall 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 1500 Nos. /Annum /each motor.
Steel Ball	Steel ball is required according to the drawing No. 2V 225304046. Annual requirement is around 1500No.
Oil Seal and O Ring	Oil Seal (2 Nos.) are required according to TSB 21. O ring is required according to Drawing 32000101855. Annual procurement is around 1500 Nos. each
Ring Terminal	These are required according to TCI-129. Annual qty. is around 69000 Nos.
Terminal Block	These are required according to TSB-30. Annual qty. is around 1500 Nos
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

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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).

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

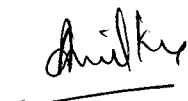
http://www.bhel.com/images/pdf/vendor/Guidelines_Indian_Suppliers_SEARP2010Amdt.02.pdf

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	01859-224647
Email	mm@bhelivp.in	amit@bhelivp.in	sb@bhelivp.in

Fax: 01859-222061

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433, INDUSTRIAL COMPLEX
GOINDWAL SAHIB, DISTT. TARN TARAN


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