

	<p align="center"> <b>BHARAT HEAVY ELECTRICALS LIMITED</b>  <b>INDUSTRIAL VALVES PLANT</b>  <b>433, INDUSTRIAL COMPLEX</b>  <b>GOINDWAL SAHIB</b>  <b>DISTT. TARN TARAN- PUNJAB</b> </p>	<p align="center"> <b>No. BHE:IVP:VR:</b>  <b>2011-12/I</b>  <b>Dated</b>  <b>12.05.2011</b> </p>
<p align="center"> <i>THIS IS IN CONTINUATION TO OUR NIT NO. 9908. PL. SEE THE NIT NO. 9908 ALSO FOR OTHER DETIALS</i>  <b>NOTICE INVITING APPLICATIONS FOR REGISTRATION OF VENDORS</b> </p>		
<p>             BHARAT HEAVY ELECTRICALS LIMITED [BHEL] is manufacturing Industrial Valves and other Boiler accessories at its Industrial Valves Plant, Goindwal Sahib unit. The range of valves include Cast Carbon Steel, Alloy Steel and Stainless Steel- Gate, Globe and Non-return 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 has to procure various forms of raw materials, bought out items and sub-assemblies.         </p> <p>             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].         </p> <p>             Items for which vendors required immediately are:         </p>		
Fuel pipe coupling gasket	Red colored silicon rubber gasket to withstand a temp. of 175 deg C and shore hardness of 50-60; as per drawing no. 4-47-223-01213 and Technical delivery condition [TDC] No. 05-189-02 attached.	
Malleable Iron castings	Hand wheels for valves made of Malleable Iron IS 2108/ Fuel pipe coupling castings made of Malleable Iron ASTM A 47 Gr. 32510.	
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	
	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 25 microns, Grit Size 320.	
<b>Castings:</b>	<b>Casting manufacturers having sound foundry infrastructure and experience/willingness to supply castings components required for our valves sizes upto 6" NB [single piece weight range ~2 kgs to ~200 kgs and in material grades Carbon Steel [ASTM A 216 Gr. WCB, WCC],</b>	

	<p><b>Alloy Steel [ASTM A 217 Gr.WC6, WC9] and Stainless Steel [ASTM A 351 Gr. CF8, CF8M]. Total annual requirement upto 1000 MT.</b></p> <p><b>Details about components unit weight, approx quantity- material grade wise and sample drawings of few components are attached.</b></p> <p><b>Procedure of registration and establishment of castings is also attached under folder named "Castings".</b></p>
Items for which additional vendors required are:	
<b>Steel Rounds and Plates</b>	<p>Carbon Steel and Stainless Steel Rolled/Forged Barstocks of ASTM SA 105, ASTM A 182 Grades F6a, F430, F 304 &amp; F316 of sections from ø22 mm to ø300. Total annual requirement of all grades ~ 400 MT.</p> <p>For Technical Delivery Conditions, pl. refer to folder named "Barstock".</p> <p>Steel plates mainly SA 515 Gr. 70; SA 387 Gr. 22 Cl. 2 of thickness range 6 mm to 140 mm. Total annual requirement ~400 MT.</p>
<b>Forgings</b>	<p>Forging components of carbon steel and stainless steel formed from open dies, closed dies as well as ring rolling.</p> <p>For sample drawings and technical delivery conditions, pl. refer to folder named "Forgings"</p>
<b>Non-Ferrous Items</b>	<p>Mainly Aluminium Bronze Proof machined/Fully machined items weighing ~1 kg to ~10 kg. Approx annual requirement of all sizes together would be 17000 nos.</p> <p>For sample shape and Technical Delivery Condition, pl. refer to folder named "Non-Ferrous Items".</p>
<b>High tensile Fasteners</b>	<p>Full length threads studs with double nuts, Hex bolts with single nuts and Eye Bolts with single nuts besides other standard hardware items like keys, washers, grub screws etc. Main material is ASTM A 193 B7 &amp; B16 for studs and ASTM A194 -2H &amp; 2B for nuts.</p> <p>For sample drawings and technical delivery conditions, pl. refer to folder named "Fasteners".</p>
<b>Spiral Wound Gaskets</b>	<p>Elliptical with loop and circular shaped Spiral wound gaskets with SS 316 filler. Approx annual requirement 25000 nos. of various sizes.</p> <p>For sample drawings and technical delivery conditions, pl. refer to folder named "Gaskets".</p>
<b>Packing rings</b>	<p>Non-asbestos endless and single oblique cut circular packing rings of graphite material.</p> <p>For drawings, pl. refer to folder named "Packing Rings".</p>
<b>Wooden Packing Boxes</b>	<p>Packing boxes of various sizes made of hard wood used for packing of our products. Approx annual requirement is 100000 CFT.</p> <p>For sample drawings and technical delivery conditions, pl. refer to folder named "Packing Boxes".</p>

<b>Welding consumables</b>	SAW flux and E430, E410 steel wires.	
<b>Machined components</b>	Various valve components of SA 105 & A182 Gr. F6a 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”.	
<b>Machining job-work</b>	Almost all castings and rounds/plates are to be machined as per BHEL drawings on sub-contracted basis.	
<b>BHEL</b> 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. <b>BHEL</b> shall evaluate the vendors as per its established vendor selection, evaluation and registration procedure. Supplier registration form can also be downloaded from our website <a href="http://www.bhel.com">www.bhel.com</a> available as a downloadable link at <a href="http://www.bhel.com/images/pdf/vendor/Guidelines_Indian_Suppliers_SEARP2010Amdt.02.pdf">http://www.bhel.com/images/pdf/vendor/Guidelines_Indian_Suppliers_SEARP2010Amdt.02.pdf</a> <b>BHEL</b> invites such vendors to visit its above located plant on any working day from Monday to Saturday between 0900 Hrs to 1600 Hrs and contact undersigned for any clarification regarding:		
Items details and requirement	Vendor registration form/procedure	Machining Job work
Gurbax Singh Sokhal Manager(MM, P&D)	Vishal Devgon Dy. Manager(IT, SD & HSE)	Aman Sharma Dy. Manager(Sub-Contracting)
Phone: 01859-224615	01859-224623	01859-224641
Mobile: 088729 77877	092163 49001	098722 03636
E-mail: <a href="mailto:gss@ivp.bhel.in">gss@ivp.bhel.in</a>	<a href="mailto:vishal@ivp.bhel.in">vishal@ivp.bhel.in</a>	<a href="mailto:aman@ivp.bhel.in">aman@ivp.bhel.in</a>
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