# An ISO 9001 Company

### **Bharat Heavy Electricals Limited**

(High Pressure Boiler Plant)
Tiruchirappalli – 620014, TAMIL NADU, INDIA
CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

Phone: +91 431 257 79 38
Fax : +91 431 252 07 19
Email: tvenkat@bheltry.co.in
Web : www.bhel.com

Enquiry Number:	Enquiry Date:	Due date for submission of quotation:
2620900067	04.03.2009	20.03.2009

You are requested to quote the Enquiry number date and due date in all your correspondences. This is only a request for quotation and not an order

Item	Description	Quantity	Delivery
			(Item required at BHEL on)
10	Cast (Spun) Iron LA class PIPE as per IS 1536 with ISI mark spigot and socket ends type suitable for lead joint - 450mm dia. In 5.50m long as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	5 Nos.	31.03.2009
20	Cast (Spun) Iron specials as per IS 1538-2001 with ISI mark with both ends flanged in short piece of 0.50m long x 300mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="https://www.bhel.com">www.bhel.com</a> or <a href="https://tenders.gov.in">http://tenders.gov.in</a> )	10 Nos.	31.03.2009
30	Cast (Spun) Iron specials as per IS 1538-2001 with ISI mark with both ends flanged in short piece of 0.50m long x 250mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="https://tenders.gov.in">www.bhel.com</a> or <a href="https://tenders.gov.in">http://tenders.gov.in</a> )	10 Nos.	31.03.2009
40	Cast (Spun) Iron specials as per IS 1538-2001 with ISI mark with both ends flanged in short piece of 0.50m long x 200mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="https://tenders.gov.in">www.bhel.com</a> or <a href="https://tenders.gov.in">http://tenders.gov.in</a> )	21 Nos.	31.03.2009
50	Cast (Spun) Iron specials as per IS 1538-2001 with ISI mark with both ends flanged in short piece of 0.30m long x 200mm dia. as per the	5 Nos.	31.03.2009



Item	Description	Quantity	Delivery (Item required at BHEL on)
	above technical specification & commercial conditions applicable (to be downloaded from web site <a href="https://www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )		
60	Cast (Spun) Iron specials as per IS 1538-2001 with ISI mark with both ends flanged in short piece of 1.00m long x 150mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="https://tenders.gov.in">www.bhel.com</a> or <a href="https://tenders.gov.in">http://tenders.gov.in</a> )	20 Nos.	31.03.2009
70	Cast (Spun) Iron specials as per IS 1538-2001 with ISI mark with both ends flanged in short piece of 0.50m long x 150mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="https://tenders.gov.in">www.bhel.com</a> or <a href="https://tenders.gov.in">http://tenders.gov.in</a> )	5 Nos.	31.03.2009
80	Cast (Spun) Iron specials as per IS 1538-2001 with ISI mark with both ends flanged in short piece of 0.30m long x 150mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="https://tenders.gov.in">www.bhel.com</a> or <a href="https://tenders.gov.in">https://tenders.gov.in</a> )	25 Nos.	31.03.2009
90	Cast (Spun) Iron specials as per IS 1538-2001 with ISI mark with both ends flanged in short piece of 1.00m long x 80mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="https://tenders.gov.in">www.bhel.com</a> or <a href="https://tenders.gov.in">http://tenders.gov.in</a> )	15 Nos.	31.03.2009
100	Cast (Spun) Iron specials as per IS 1538-2001- Table 24 with ISI mark - All Flanged Tee 450 x 450 x 450mm. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	1 No.	31.03.2009
110	Cast (Spun) Iron specials as per IS 1538-2001- Table 24 with ISI mark - All Flanged Tee 450 x 450 x 300mm. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	1 No.	31.03.2009



Item	Description	Quantity	Delivery (Item required
			at BHEL on)
120	Cast (Spun) Iron specials as per IS 1538-2001- Table 24 with ISI mark - All Flanged Tee 450 x 450 x 250mm. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	1 No.	31.03.2009
130	Cast (Spun) Iron specials as per IS 1538-2001- Table 24 with ISI mark - All Flanged Tee 300 x 300 x 300mm. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	40 Nos.	31.03.2009
140	Cast (Spun) Iron specials as per IS 1538-2001- Table 24 with ISI mark - All Flanged Tee 300 x 300 x 200mm. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	5 Nos.	31.03.2009
150	Cast (Spun) Iron specials as per IS 1538-2001- Table 24 with ISI mark - All Flanged Tee 300 x 300 x 150mm. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or http://tenders.gov.in)	10 Nos.	31.03.2009
160	Cast (Spun) Iron specials as per IS 1538-2001- Table 24 with ISI mark - All Flanged Tee 250 x 250 x 250mm. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	30 Nos.	31.03.2009
170	Cast (Spun) Iron specials as per IS 1538-2001- Table 24 with ISI mark - All Flanged Tee 250 x 250 x 200mm. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	5 Nos.	31.03.2009
180	Cast (Spun) Iron specials as per IS 1538-2001- Table 24 with ISI mark - All Flanged Tee 250 x 250 x 150mm. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="https://www.bhel.com">www.bhel.com</a> or	25 Nos.	31.03.2009



Item	Description	Quantity	Delivery (Item required at BHEL on)
	http://tenders.gov.in)		
190	Cast (Spun) Iron specials as per IS 1538-2001- Table 24 with ISI mark - All Flanged Tee 250 x 250 x 80mm. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	12 Nos.	31.03.2009
200	Cast (Spun) Iron specials as per IS 1538-2001- Table 24 with ISI mark - All Flanged Tee 200 x 200 x 200mm. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	17 Nos.	31.03.2009
210	Cast (Spun) Iron specials as per IS 1538-2001- Table 24 with ISI mark - All Flanged Tee 200 x 200 x 150mm. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	34 Nos.	31.03.2009
220	Cast (Spun) Iron specials as per IS 1538-2001- Table 24 with ISI mark - All Flanged Tee 200 x 200 x 80mm. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	27 Nos.	31.03.2009
230	Cast (Spun) Iron specials as per IS 1538-2001- Table 24 with ISI mark - All Flanged Tee 150 x 150 x 150mm. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	5 Nos.	31.03.2009
240	Cast (Spun) Iron specials as per IS 1538-2001- Table 24 with ISI mark - All Flanged Tee 150 x 150 x 80mm. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	20 Nos.	31.03.2009



Item	Description	Quantity	Delivery (Item required at BHEL on)
250	Cast (Spun) Iron specials as per IS 1538-2001 Table 26 with ISI mark - Double flanged Taper - 300 x 250mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	27 Nos.	31.03.2009
260	Cast (Spun) Iron specials as per IS 1538-2001 Table 26 with ISI mark - Double flanged Taper - 300 x 200mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	17 Nos.	31.03.2009
270	Cast (Spun) Iron specials as per IS 1538-2001 Table 26 with ISI mark - Double flanged Taper - 300 x 150mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	7 Nos.	31.03.2009
280	Cast (Spun) Iron specials as per IS 1538-2001 Table 26 with ISI mark - Double flanged Taper - 250 x 200mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	22 Nos.	31.03.2009
290	Cast (Spun) Iron specials as per IS 1538-2001 Table 26 with ISI mark - Double flanged Taper - 250 x 150mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	27 Nos.	31.03.2009
300	Cast (Spun) Iron specials as per IS 1538-2001 Table 26 with ISI mark - Double flanged Taper - 200 x 150mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	7 Nos.	31.03.2009
310	Cast (Spun) Iron specials as per IS 1538-2001 Table 26 with ISI mark - Double flanged Taper - 200 x 100mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="https://www.bhel.com">www.bhel.com</a> or	7 Nos.	31.03.2009



Item	Description	Quantity	Delivery (Item required
	http://tenders.gov.in)		at BHEL on)
320	Cast (Spun) Iron specials as per IS 1538-2001 Table 26 with ISI mark - Double flanged Taper - 200 x 80mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	27 Nos.	31.03.2009
330	Cast (Spun) Iron specials as per IS 1538-2001 Table 26 with ISI mark - Double flanged Taper - 150 x 80mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	22 Nos.	31.03.2009
340	Cast (Spun) Iron specials as per IS 1538-2001 Table 22 with ISI mark - Double Flanged 1/4 Duct Foot bend - 300mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	50 Nos.	31.03.2009
350	Cast (Spun) Iron specials as per IS 1538-2001 Table 22 with ISI mark - Double Flanged 1/4 Duct Foot bend - 250mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	17 Nos.	31.03.2009
360	Cast (Spun) Iron specials as per IS 1538-2001 Table 22 with ISI mark - Double Flanged 1/4 Duct Foot bend - 200mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	5 Nos.	31.03.2009
370	Cast (Spun) Iron specials as per IS 1538-2001 Table 22 with ISI mark - Double Flanged 1/4 Duct Foot bend - 80mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="https://tenders.gov.in">www.bhel.com</a> or <a href="https://tenders.gov.in">https://tenders.gov.in</a> )	6 Nos.	31.03.2009



Item	Description	Quantity	Delivery (Item required at BHEL on)
380	Cast (Spun) Iron specials as per IS 1538-2001 Table 7 with ISI mark - Flanged socket - 450mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	7 Nos.	31.03.2009
390	Cast (Spun) Iron specials as per IS 1538-2001 Table 7 with ISI mark - Flanged socket - 300mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	27 Nos.	31.03.2009
400	Cast (Spun) Iron specials as per IS 1538-2001 Table 7 with ISI mark - Flanged socket - 250mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	27 Nos.	31.03.2009
410	Cast (Spun) Iron specials as per IS 1538-2001 Table 7 with ISI mark - Flanged socket - 200mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	12 Nos.	31.03.2009
420	Cast (Spun) Iron specials as per IS 1538-2001 Table 7 with ISI mark - Flanged socket - 150mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	27 Nos.	31.03.2009
430	Cast (Spun) Iron specials as per IS 1538-2001 Table 8 with ISI mark - Flanged spigot - 300mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	27 Nos.	31.03.2009
440	Cast (Spun) Iron specials as per IS 1538-2001 Table 8 with ISI mark - Flanged spigot - 250mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="www.bhel.com">www.bhel.com</a> or	20 Nos.	31.03.2009



Item	Description	Quantity	Delivery (Item required at BHEL on)
	http://tenders.gov.in)		
450	Cast (Spun) Iron specials as per IS 1538-2001 Table 8 with ISI mark - Flanged spigot - 200mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	25 Nos.	31.03.2009
460	Cast (Spun) Iron specials as per IS 1538-2001 Table 8 with ISI mark - Flanged spigot - 150mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	17 Nos	31.03.2009
470	Cast (Spun) Iron specials as per IS 1538-2001 Table 9 with ISI mark - Collar - 300mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="https://www.bhel.com">www.bhel.com</a> or <a href="https://tenders.gov.in">http://tenders.gov.in</a> )	20 Nos.	31.03.2009
480	Cast (Spun) Iron specials as per IS 1538-2001 Table 28 with ISI mark - Dummy Flange - 200mm dia. as per the above technical specification & commercial conditions applicable (to be downloaded from web site <a href="www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	12 Nos.	31.03.2009
490	3"(80mm) dia. Cast Iron Double Flanged Sluice Valves coforming to IS 14846/ 2000 Class-1 max working pressure 10 kg/sq.cm. spindle nut of Gun metal inside Non Rising solid forged Bronze spindle fitted with CI Caps with hand wheel & Anti-clockwise direction for opening, flanged faced & drilled (as per ISS) body tested to 20 kg/Sq.cm & seat to 10 kg/Sq.cm. with ISI mark. All moving parts are to be greased for easy operation of valves. All fixing bolts in the stuffing box, the nuts at top and the joint to be fixed with two layers of std. rubber gasket for full width of valves shall be furnished. (commercial conditions applicable to be downloaded from web site	15 Nos.	31.03.2009



Item	Description	Quantity	Delivery (Item required at BHEL on)
	www.bhel.com or http://tenders.gov.in)		
500	8" (200mm) dia. Cast Iron Double Flanged Sluice Valves coforming to IS 14846/ 2000 Class-1 max working pressure 10 kg/sq.cm. spindle nut of Gun metal inside Non Rising solid forged Bronze spindle fitted with CI Caps with hand wheel & Anti-clockwise direction for opening, flanged faced & drilled (as per ISS) body tested to 20 kg/Sq.cm & seat to 10 kg/Sq.cm. with ISI mark. All moving parts are to be greased for easy operation of valves. All fixing bolts in the stuffing box, the nuts at top and the joint to be fixed with two layers of std. rubber gasket for full width of valves shall be furnished. (commercial conditions applicable to be downloaded from web site <a href="https://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	20 Nos.	31.03.2009
510	Double air valve of 80mm size having drilled flange to suit the CI pipe flange as per IS 1538 with isolating sluice valve for working pressure of 10Kgf/Sq.cm and test pressure of 16Kgf/Sq.cm. Material of construction: Body cover and cowls made of Cast Iron IS 210, Gun metal for valve, seat, nut, small orifice nipple spindle of ST AISI 410. (commercial conditions applicable to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	2 Nos.	31.03.2009
520	Double air valve of 100mm size having drilled flange to suit the CI pipe flange as per IS 1538 with isolating sluice valve for working pressure of 10Kgf/Sq.cm and test pressure of 16Kgf/Sq.cm. Material of construction: Body cover and cowls made of Cast Iron IS 210, Gun metal for valve, seat, nut, small orifice nipple spindle of ST AISI 410. (commercial conditions applicable to be downloaded from web site <a href="http://tenders.gov.in">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	5 Nos.	31.03.2009
	Special Condition applicabl	<u>e</u>	



#### **Bharat Heavy Electricals Limited**

(High Pressure Boiler Plant)
Tiruchirappalli – 620014, TAMIL NADU, INDIA
CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

Item	Description	Quantity	Delivery
			(Item required
			at BHEL on)

#### Please give confirmation for the following points by points along with your offer:

- 1) Prices to be quoted Item wise to enable ordering of Individual Item.
- 2) Specification for Individual Item has been given above.
- 3) Test Certificate material construction and hydrostatic pressure from Original Manufacturer and from ISO Lab is required for fittings and CI Valves to be submitted along with delivery.
- 4) Total transportation and unloading at sight shall be with vendor's scope only and transit damage if any shall be replaced by the vendor.
- 5) Inspection and final clearance by BHEL Engineer at vendor's Works is required.
- 6) The supplies are to be guaranteed for a period of 18 months from the date of receipt of materials at BHEL Site or 12 months from date of commissioning/erection, which ever is later need to be complied with.
- 7) CI Specials shall withstand for the designed pressure and performance / trial test will be conducted after laying and jointing pipes and specials. In case of failure vendor should replace the damaged portion of line at free of cost including transportation and unloading at Site.
- 8) CI Valves shall withstand for the designed pressure and performance / trial test will be conducted after laying and jointing pipes and specials. In case of failure vendor should replace the valve at free of cost including transportation and unloading at Site.
- 9) Vendor has to furnish PBG for 10% of PO value for the guarantee period i.e., 18 months from the date of receipt of material at site or 12 months from the date of commissioning, whichever is earlier
- 10) Vendor should supply the item at identified location at BHEL Site / Store and stack.
- 11) Tender shall be submitted in two part bid system in line with Commercial terms & Conditions of BHEL enclosed as part of NIT, excepting for guarantee period and PBG Clause which shall be as given above.



Item	Description	Quantity	Delivery (Item required at BHEL on)
BHEL commercial terms & conditions with Price Bid and Bank Guarantee formats can be downloaded from BHEL web site <a href="http://www.bhel.com">http://www.bhel.com</a> or from the Government tender website <a href="http://tenders.gov.in">http://tenders.gov.in</a> (public sector units > Bharat Heavy Electricals Limited page) under Enquiry reference "2620900067".			
Tenders	s should reach us before 14:00 hours on the due date s will be opened at 14:30 hours on the due date s would be opened in presence of the tenderers who	Yours faithfully, For BHARAT HEAVY ELECTRICALS LIMITED	
have su	bmitted their offers and who may like to be present	Manager / Capital Equ	uipment / MM