



Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

An ISO 9001
Company

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

ENQUIRY	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:
	2620800063	19.07.2008	11.08.2008

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	400 Amps TPN Switch Disconnecter Unit as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	14 Nos.	30.10.2008
20	200 Amps TPN Switch Disconnecter Unit as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	120 Nos.	30.10.2008
30	100 Amps TPN Switch Disconnecter Unit as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	95 Nos.	30.10.2008
40	63 Amps TPN Switch Disconnecter Unit as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	450 Nos.	30.10.2008
50	32 Amps TPN Switch Disconnecter Unit as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	375 Nos.	30.10.2008
60	DOL Starter as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	375 Nos.	30.10.2008

Note:
The materials shall be Guaranteed for a period of 12 months from the date of acceptance or 18 months from the date of despatch whichever is earlier. Please confirm your acceptance in your offer.



Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

An ISO 9001
Company

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 http://www.bhel.com or from the Government tender website http://tenders.gov.in (public sector units > Bharat Heavy Electricals Limited page) under Enquiry reference “2620800063”.			
Tenders should reach us before 14:00 hours on the due date Tenders will be opened at 14:30 hours on the due date Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present		Yours faithfully, For BHARAT HEAVY ELECTRICALS LIMITED Manager / Capital Equipment / MM	

Specification for Medium Voltage Switch Disconnecter Isolator				
Sl.No.	Description for BHEL Requirement	Specified/ To be confirmed by	Offered	Deviations
	Supply of Medium Voltage Switch Disconnecter Isolator conforming to the specification and features given below.			
1.0	Switch Disconnecter Isolator:			
1.1	Current rating at 415V, 50Hz	32A/ 63A/ 100A/ 200A/ 400A as specified in the scope of supply		
1.2	Configuration	Three poles and neutral		
1.3	Type of enclosure	Sheet steel		
1.4	Voltage rating	415V, 50Hz, a.c		
1.4	Overall dimensions of the isolator	Vendor to confirm		
1.5	Make of the isolator switch(L&T,Siemens,GE,C&S,Havells,GEM)	Vendor to specify the make offered		
1.6	Type no. and make of the isolator switch offered	Vendor to confirm		
1.7	Technical leaflet of the isolator switch offered to be enclosed with the offer.	Vendor to confirm		
2.0	General Features of the Switch Disconnecter isolator:			
2.1	The switches shall be totally enclosed and fully shrouded			
2.2	Provided with On/Off flag indication and two earthing terminals			
2.3	Quick make, quick break mechanism, independent of the speed of the operator.			
2.4	All current carrying parts shall be hard silver plated			

SI.No.	Description for BHEL Requirement	Specified/ To be confirmed by	Offered	Deviations
2.5	Units to be provided with bolted type neutral links with facility to disconnect neutral easily.			
2.6	Interlock to ensure the lid cannot be opened until the switch is in off position and the possibility to defeat the interlock by a competent examiner.			
2.7	Provided with phase-phase, phase-earth barrier			
2.8	Generous space for wiring, inspection and maintenance			
2.9	Conduit knock-outs at top and bottom or removable gland plates			
3.0	Scope of Supply	Quantity		
3.1	Switch Disconnecter Isolator of 32A current rating as specified above	375 nos.		
3.2	Switch Disconnecter Isolator of 63A current rating as specified above	450 nos.		
3.3	Switch Disconnecter Isolator of 100A current rating as specified above	95 nos.		
3.4	Switch Disconnecter Isolator of 200A current rating as specified above	120 nos.		
3.5	Switch Disconnecter Isolator of 400A current rating as specified above	14nos		

Specification for 3 Phase DOL Starter

SI.No.	Description for BHEL Requirement	Specified / To be confirmed by	Offered	Deviations if any
	Supply of 3 Phase Direct on line Starter in sheet steel enclosure as specified below:			
1.0	Starter Suitability	Suitable for starting 3 Phase, 415V, 50Hz, 0.75/1.0 HP induction motor		
1.1	Housing	Sheet steel enclosure corrosion resistant and with cord packing to keep the interior dust and vermin proof.		
1.2	Overload Relay	Bi-metal thermal overload relay of range suitable for 0.75 HP /1.0 HP motor. Vendor to specify the range offered.		
1.3	Contactora current rating	Vendor to specify		
1.4	Coil Voltage	415V a.c.		
1.5	Input Power supply	415V, 3 phase, 50 Hz. A.C		
1.6	Push buttons	Green/Red ON/OFF push buttons		
1.7	Dimensional details	Vendor to specify		
1.8	Technical catalogue	Vendor to furnish with the offer		
1.9	Earthing	Earthing terminals shall be provided		
2.0	Make of the DOL starter	L&T, Siemens		
2.1	Type No./Make	Vendor to specify		
3.0	Scope of supply	Quantity		
3.1	3 Phase DOL starter in sheet steel enclosure as specified above	375 nos.		