



An ISO 9001
Company

Bharat Heavy Electricals Limited
(High Pressure Boiler Plant)
Tiruchirappalli – 620014, TAMIL NADU, INDIA
CAPITAL PURCHASE / MATERIALS MANAGEMENT / MANUFACTURING

ENQUIRY	Phone: +91 431 257 75 75 Fax : +91 431 252 07 19 Email : rrmanohar@bheltry.co.in Web : www.bhel.com
----------------	---

	Enquiry Number: 2620600079	Enquiry Date: 28.11.2006	Due date for submission of quotation: 05.01.2007
--	---	---	---

Your 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 Schedule
10	3 Phase DOL Starter in sheet steel enclosure as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com)	60 Nos.	31.03.2007
20	Switch Disconnecter Isolator of 32A current rating as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com)	60 Nos.	31.03.2007
30	Switch Disconnecter Isolator of 63A current rating as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com)	200 Nos.	31.03.2007
40	Switch Disconnecter Isolator of 100A current rating as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com)	40 Nos.	31.03.2007



Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

An ISO 9001
Company

CAPITAL PURCHASE / MATERIALS MANAGEMENT / MANUFACTURING

50	Switch Disconnect Isolator of 200A current rating as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com)	50 Nos.	31.03.2007
60	Switch Disconnect Isolator of 400A current rating as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com)	7 Nos.	31.03.2007

Note:

- (1) The detailed Technical Specification along with technical point-by-point confirmation, Commercial Terms & Conditions applicable for this Enquiry, Confirmation of acceptance for BHEL commercial terms & conditions and Price Bid formats have been posted in BHEL Corporate web site www.bhel.com under Enquiry reference “2620600079”. Your offer should be based on all the above documents.
- (2) Also, you are requested to fill in the Supplier Registration formats available in www.bhel.com (under Advancement – Supplier Registration) and send it along with your offer.

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

Sr. Dy. Genl. Manager / Capital Purchase / MM /
Manufacturing

Specification for 3 Phase DOL Starter				
Sl.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	Contactor 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	Reputed make		
2.1	Type No./Make	Vendor to specify		
3.0	Conformance to IS or IEC standard	Vendor to specify		
4.0	Scope of supply	Quantity		
4.1	3 Phase DOL starter in sheet steel enclosure as specified above	60 nos.		

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	Reputed make		
1.6	Type no. and make of the isolator switch offered	Vendor to confirm		
1.7	Conformance to IS/IEC specification	Vendor to confirm		
1.8	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			

Sl.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	60 nos.		
3.2	Switch Disconnecter Isolator of 63A current rating as specified above	200 nos.		
3.3	Switch Disconnecter Isolator of 100A current rating as specified above	40 nos.		
3.4	Switch Disconnecter Isolator of 200A current rating as specified above	50 nos.		
3.5	Switch Disconnecter Isolator of 400A current rating as specified above	7 nos.		