



BHARATH HEAVY ELECTRICAL LIMITED
 RAMACHANDRAPURAM
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ENQUIRY
PURCHASE DEPARTMENT

SUPPLIER CODE:		Enquiry No.	Enq. Date	No. of Items	DUE DATE OF QUOTATION
Name & Address		PSA1M16910	23-Dec-2013	001	14-Jan-2014
SUPPLIER COPY					

Enq. L.No	Indent (MPR) No.	Material Code	Drawing No. Description & Specification	Unit	Quantity	Delivery Schedule Date
01	1200016910/10	HY7810800086	<p>SPECIFICATION FOR CENTRIFUGAL SOLID HANDLING PUMPS (SEWAGE WATER PUMPS)</p> <p>PROJECT : SEWAGE TREATMENT PLANT AT BHEL, R.C. PURAM.</p> <p>INTENT OF SPECIFICATION:</p> <p>This specification is intended to cover the design, manufacture, assembly, testing at manufacturer's works, painting, delivery at site properly packed and forwarded with all accessories as specified in the scope of work and as required for the safe and trouble-free operation of equipment to be installed at site.</p> <p>APPLICATION OF SYSTEM:</p> <p>The existing solid handling pumps of Sewage Treatment Plant at BHEL-R.C. Puram shall be replaced with the new solid handling pumps as per this enquiry.</p> <p>Horizontal centrifugal solid handling pumps for Sewage Water along with Motor and Base Frame fully assembled and ready to be fixed to the mounting:</p> <p>Required/known specifications of the Item.</p> <p>PUMP : Type of Pump : Centrifugal Solid handling pump Application : Sewage transfer</p>	Nos.	2.00	03.03.2014

<p>Suction and delivery sizes: 150mmx150mm Capacity : 570 cum/Hr Approx Speed : 980 RPM Approx Total Head : 12 mtrs Approx Mounting : Horizontal foot mounted</p>		
<p>MOTOR: ELECTRICAL MOTOR Squirrel cage induction Motor Rating : 30KW/40HP Speed : 980RPM Voltage : 415V Phase: : 3 Phase Frequency : 50 Hz Type : Horizontal Mounting : Foot mounted COUPLING : Flexible spacer SHAFT : EN8</p>		
<p>SCOPE OF SUPPLY & DETAILED SPECIFICATION:</p>		
<p>A) i) 2 Nos. of - centrifugal sewage handling pump coupled with squirrel cage induction motor as per IS, complete with common base frame suitable for mounting of both pump & Motor, coupling, coupling guard, counter flanges along with stud nuts, foundation bolts. (Sewage handling pump) ii) Commissioning spares - As per recommendation by the bidder</p>		
<p>B) With following material of construction- Casing - Cast Iron Impeller - Cast Iron Coupling - Cast Iron Coupling Guard - MS Flanges - MS Shaft sleeve - EN8 or equivalent Shaft - EN8 or equivalent Shaft sealing - Gland Packing Base plate - MS</p>		
<p>C) Impeller shall be of non clogging type D) Permissible solids size - 85 mm [Max.] E) Operating temperature - Ambient F) Duty - continuous G) If the suction and discharge nozzles of the offered pumps are not matching with the suction/discharge sizes of existing pipes, bidder to</p>		

	<p>provide the required expander/reducer and stud-nuts.</p> <p>Inspection Requirement: ----- Bidder to indicate the tests conducted/tests offered for inspection Inspection agency - BHEL</p> <p>Drawings & O&M Manuals: ----- Initial submission : 01set Final submission : 02sets</p> <p>Guaranteee: ----- Guaranteee for 12 months from the date of commission/18 months from date of supply, whichever is earlier.</p>		
<p>Remarks: 1. THIS ENQUIRY IS IN TWO PART BID SYSTEM. 2. GCC & ITB ARE ENCLOSED. 3. IF TECHNICAL BID CONTAIN PRICES, THE SAME WILL BE REJECTED. 4. SUPPLIER MUST BE AN OEM OR AUTHORISED DEALER OF OEM AND AUTHORISED DEALER MUST PRODUCE DEALERSHIP CERTIFICATE ALONG WITH TECHNICAL BID 5. MATERIAL TO BE SUPPLIED WITH IN 12 TO 16 WEEKS AFTER PO RELEASE 6. PAYMENT WILL BE MADE AFTER ACCEPTANCE OF THE MATERIAL 7. VENDOR MUST MENTION THE MAKE OF THE PRODUCT SUPPLYING. 8. DETAILED DESCRIPTION AND SPECIFICATIONS OF THE ITEM SHALL BE MENTIONED ALONG WITH TECHNICAL BID 9. JOINT INSPECTION WILL BE CARRIEDOUT AT PARTY'S SITE BEFORE DESPATCH OF THE ITEM.</p>	<p>TEST CERTIFICATE REQ: YES GUARANTEE RAQ: YES SAMPLE REQ: NO</p>	<p>For and on-behalf of Bharat Heavy Electrica50.00ls limited</p> <p>(K. SREENIVAS) 23/12/15 PUR. OFFICER/CMM</p>	