

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Government of India Undertaking)
 Ramachandrapuram, Hyderabad, 502032, A.P. India
 Phone 040-23184526, 23182322 FAX:040-23021910, 1954

भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)
 रामचन्द्रपुरम, हैदराबाद, 502032 आंध्र प्रदेश, भारत

RFQ NO :

PURCHASE DEPARTMENT

ENQUIRY
 क्वेरी विभाग

PURCHASE DEPARTMENT

HY17001 C
REV.NO.0Phone 091-40-23184526
091-40-23182322FAX : 091-40-23021910
091-40-23021954

E Mail: tenderbox@bhelhyd.co.in

Office Copy

Eng/Collective Number :P8A1N17873

Eng.Date : 10.05.2014

No. Of Items :4

DUE DATE OF QUOTATION :

Please submit your lowest quotation in sealed cover superscribed with Enquiry No./Collective No.(RFQ No) and date subject to our terms and conditions attached, for the materials mentioned below. Your offer has to reach us on or before due date by 11.00 Hours (IST) and will be opened 24 Hours (IST). If our Enquiry No./Collective No.(RFQ No) and tender due date are not superscribed on the tender cover, your offer shall be summarily rejected. Whosoever desires to send offers on their own risk (complete in all respects) via e-mail have to send offers to the common address : tenderbox@bhelhyd.co.in. Incomplete offers and late offers will not be considered.

SL NO	Purchase Req.no	Item no	Material Code	Drq no - Ver . Rev & Spec - Ver . Rev	Description	Unit	Qty	Delivery Date	Schedule Qty
1	1200017873	10	CG2010914058	NA,	SCREW COMPRESSOR 9 BAR	EA	3.000	04.08.2014	3.000
2	1200017873	20	CG2010914112	NA,	OIL FILTER	EA	3.000	04.08.2014	3.000
3	1200017873	30	CG2010914210	NA,	AIR OIL SEPERATOR ELEMENT	EA	3.000	04.08.2014	3.000
4	1200017873	40	CG2010914317	NA,	COOLANT OIL FOR SCREW COMPRESSOR	L	15.000	04.08.2014	15.000

Special Remarks

- 1) TWO PART BID SYSTEM MAY BE FOLLOWED.
- 2) GCC & ITB ARE ENCLOSED.
- 3) SPECIFICATION IS ENCLOSED.

TEST CERTIFICATE REQD: N
 GUARANTEE REQ : N
 SAMPLE REQD : N
 BID TYPE : TWO PART

For and on-behalf of
 Bharat Heavy Electricals Li

SREENU
 PUR.OFFICER CMM



BHARAT HEAVY ELECTRICALS LIMITED
Heavy Power Equipment Plant, Ramachandrapuram,
Hyderabad - 502 032, INDIA.
Purchase Dept. : 040 - 23182514
E-mail : asailoo@bhelhyd.co.in


Date : _____
 Due Date : _____
 Supplier Qtn. No.: _____
 Date : _____

**TENDER DOCUMENTS TO BE FILLED BY THE SUPPLIER FOR SUPPLY OF
 OIL FLOODED TYPE SCREW COMPRESSORS 9 bar-Qty 03 No's**

SUPPLIER :				
TELEPHONE NOS.:				
FAX NOS.:				
E-MAIL ADDRESS :				
Sl. No.	Description for BHEL Requirement	Offered	Deviations	Remarks
1	PURPOSE: Oil flooded Screw type Air Compressors are required for supplying pressurised air to CNC Machine tools			
1	Compressor Package should include Oil flooded Screw compressor inbuilt with refrigerated type air dryer mounted on air tank (250 liters or more) along with all the necessary safety valves, air and fluid filters,Oil and after coolers etc.,and with initial fillup of oil.			
2	Model No:	Vendor to specify		
3	FREE AIR DELIVERY CAPACITY :	21 cfm at 9 bar		
4	Maximum working pressure :	9 bar		
5	Unloading Pressure:	Vendor to specify		
6	Motor power rating :	≥10 HP		
7	Air receiver(Tank) capacity:	250 Lit		
8	Noise level :	< 69 db		
9	Cooling system:	Air cooling		
10	Mounting:	Tank mounted		
11	The receiver/tank shall be of ASME or equalent standard pressure vessel	Vendor to conform		
12	CANOPY SYSTEM: Canopy shall be of weather proof construction & sound absorbing material for limiting noise level with side panels having clear access to engine, compressor	Vendor to conform		
13	Pressure switch to set discharge air pressure to desired limits shall be provided	Vendor to conform		
14	Multi stage coalscent Air -oil seperator elements are to be provided at the top of the receiver	Vendor to conform		
15	Safety Features: The equipment should contain all safety features such as MIN Pressure Valve,Blow down Pressure switch,Pressure relief Valve,Overload Relays for main motor and the other essential requirements for the safe operation of the Oil Flooded Screw Compressor	Vendor to conform		
16	CONTROL PANEL: Control Panel shall consist of: -DOL starter(Reputed Make) ,Start/Stop button with lamp indicating compressor operation -Hour metre to indicate total hours of operation -Dryer ON/OFF button -Dew point indicator	Vendor to conform		

17	Oil Filter : Highly reliable and efficient oil filter inline with the filter standards has to be provided	Vendor to specify filter material/type			
18	Air Inlet Filter:Highly reliable and efficient air filter inline with the filter standards has to be provided	Vendor to specify filter material/type			
19	Provision such as an vaccum switch shall be provided to know the condition of the Air filter	Vendor to conform			
20	Air dryer: Refregerated air dryer with high operating efficiency shall be provided	Vendor to conform			
21	After Cooler: Air cooled after cooler has to be provided	Vendor to conform			
22	Fluid cooler: Air cooled fluid cooler has to be provided	Vendor to conform			
23	Provision such as glass shall be provided for visual inspection of oil level in the sump	Vendor to conform			
24	ACCESSORIES REQUIRED: The accessories required for EACH compressor in addition to the compressor package as mentioned in clause 1 were 1.Oil Filter/catridge-1 No 2.Air oil seperator Element-1 No 3.Compressor Filling Oil-5 lit The break up price may be submitted and the List of accesories to be supplied shall be conformed along with technical offer	Vendor to conform			
25	Input Supply: 415V ±10% volts 50Hz, 3-phase supply	Vendor to note			
26	Make of motor: Reputed make of motor with "F" class insulation with IP 55 standard	Vendor to conform			
27	Compressor package shall be completely wired and equiped with all inter connecting pipe works & fittings.End fittings shall be BSP threaded type.	Vendor to conform			
28	Total weight of the equipment	Vendor to mention			
29	Floor area Required:	Vendor to mention			
30	First fill of the oil to be vendor only	Vendor to conform			
31	BHEL engineers will inspect the equipment at suppliers works before despatch.	Vendor to conform			
32	Three sets of operation and maintenance manuals shall be furnished along with detailed electrical circuit drawings with each OIL FLOODED SCREW TYPE AIR COMPRESSOR.	Vendor to conform			
33	Customers reference list shall be furnished along with offer for similar equipment.	Vendor to conform			
34	Erection,Commssioning and prove out of the equipment at BHEL works is suppliers responsibility.	Vendor to conform			
35	The equipment shall be guaranteed for the satisfactory performance for a period of one year from the date of commissioning.	Vendor to conform			
36	The quotation shall contain point to point detail explanation for every point.	Vendor to conform			
37	Delivery Period	Vendor to conform			
38	Two part bid system to be followed	Vendor to note			


B.RAMAKRISHNA
Sr.DGM TD/TC


B.K.MOTYA
Sr.Manager/TC> Shop Main


DHEERAJ AWANI
Sr Manager/01 Production