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BHEL - JHANSI

TENDER DOCUMENT FOR RATE CONTRACT

FOR PRESSED STEEL RADIATORS ASSY OF CR STEEL SHEET FOR (POWER TRANSFORMER) ON FINISH BASIS

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(Monika)
Sr. Purchase Officer(MM)

Annexure - I

Quantities covered by the Rate Contract.

Annual requirement for Pressed Steel Radiators assy. in Black condition without painting shall be as under:-

Sl. No.	Description	Qty.
1.	Radiator 9 flute – 24 flute Pressed steel (rippled) radiators to size 520 mm x 1200mm – 3500 mm valve centre & upto 30 elements in accordance with BHEL Drg no. 04994300010 rev. 9F Thick – 1mm	2000 nos.
2.	Radiator 9 flute – 24 flute Pressed steel (rippled) radiators to size 520 mm x 1200mm – 3500 mm valve centre & upto 30 elements in accordance with BHEL Drg no. 04994300010 rev. 9F Thick – 1.2 mm	1000 nos.
3.	Radiator 5 flute Pressed steel (rippled) radiators to size 380 mm x 1200mm – 3500 mm valve centre & upto 30 elements in accordance with BHEL Drg no. 04994300007 rev. 19B Thick – 1mm	600 nos.
4.	Radiator 5 flute Pressed steel (rippled) radiators to size 380 mm x 1200mm – 3500 mm valve centre & upto 30 elements in accordance with BHEL Drg no. 04994300007 rev. 19B Thick – 1.2 mm	400 nos

The above cited requirement of radiators assy. is tentative & overall quantity may vary upto +/-25% tolerance depending upon BHEL's order book position and production requirement. Further, there may be inter category quantity variation also, depending on actual orders to be executed during the currency of the rate contract.

Total value of R/C will be +/- 25% for the quantities detailed above.

Name & Signature of Authorized
Rep. Of Bidder.....
.....
Name of Company.....
Date:

(Seal of the Company).

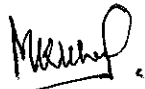
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Annexure- LA

Qualifying Requirements for Radiator (for Power Transformer) Suppliers

1. Vendor must have executed at least 2 orders of Radiators for power transformers (having valve centre distance minimum 1500mm) to any of the following reputed large transformer manufacturers : BHEL, ABB, Siemens, CGL, TELK, Alstom, Bharat Bijlee, Transformers & Rectifiers & Kanohar. Purchase Order copies of same to be enclosed with bid.
2. Vendor must be purchasing raw material – CRCA sheets from registered traders/stockists/dealers/manufacturers. 2 Purchase order copies of bulk purchase (minimum 25 MT each) made during calendar year 2013 or 2014 or 2015 to be enclosed.
3. Vendor must have laid down procedure for manufacturing and quality assurance/control of radiator manufacture. Manufacturing Process Chart and Quality Plan of Radiator manufacturing followed to be enclosed.
4. Vendor must have had average financial turnover of at least Rs One crore during the last 3 financial years ie 2014-15, 2013-14, 2012-13. Copies of audited Profit & Loss A/c of these years to be submitted alongwith bid.
5. Vendor must confirm following mandatory requirements :
 - a. Availability of facility for profile cutting 1.0mm and 1.2mm thick CRCA sheet to exact profile of radiator.
 - b. Availability of facility for manufacture of flutes/corrugations on sheets for Radiator.
 - c. Availability of Arc, Gas welding facilities.
 - d. Availability of automatic seam welding machine with provision of
 - (i) adjustment of speed of rolling of sheets .
 - (ii) adjustment of current.
 - (iii) backup power supply .
 - e. Availability of facility for compressed air and sand/shot blasting.
 - f. Availability of overhead/jib crane for movement of material/radiators.
 - g. Availability of inhouse facility for conducting all routine and type test of radiator.
 - h. Experience, knowledge and inhouse capability of carrying out enamel, epoxy, PU, aluminium painting of radiators.
 - i. Availability of experienced and trained manpower for drawing reading.
 - j. Capability and availability of Infrastructure to attend to problems/complaints in radiators at site anywhere in India.



M K Khare
(AGM/MM-H)



R K Mohapatra
(AGM/TRE-PT & Tendering)