

BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM:: HYDERABAD-502032

PUMPS ENGINEERING DEPT.

TECHINICAL PRE-QUALIFICATION REQUIREMENTS

ACCEPTANCE CRITERIA

Items: Following Duplex stainless steel (ASTM A890 Gr.4A) casting items in finish machined condition:

1. Impeller Cone
2. Suction Liner
3. Stuffing box
4. Gland

SL.NO.	REQUIREMENT	ACCEPTANCE	REMARKS
1.	Material specification of earlier supplied casting items.	Shall have supplied duplex stainless steel items as per any national or international standards.	At-least two un-priced Purchase orders indicating the material specification shall be furnished along with technical catalogue.
2.	Weight of earlier supplied item	a) Shall have supplied duplex stainless steel item of minimum weight 600kg in finish-machined condition. b) Shall have facilities (in-house or tie-up with third party) required for manufacture of enquired item.	a) Two un-priced Purchase orders to be furnished b) Technical catalogue/List of mfg. facilities.
3.	Inspection agencies for earlier supplies	Lloyds / TUV/NTPC / BHEL or BHEL TPIA	Copies of certificates shall be furnished
4.	Pattern design and manufacture	Shall be available in-house or tie-up with a third party having experience in similar work	Documents shall be furnished in case of tie-up with third party
5.	Heat treatment facilities	Shall have in-house or tie-up with third party for required heat treatment processes like stress relieving etc. for the required size of the item. The HT furnaces shall have facility to generate HT charts on auto.	Documents for in-house or tie-up shall be furnished.
6.	Machining facilities	Shall have in-house machining facilities or tie-up with a third party having required machinery for machining of the item as per drawing dimensions	Details of machinery in-house /or at the tied up party shall be furnished.
7.	NDT facilities	Shall have in-house facilities for LPI, MPI, UT, RT & Hydro static pressure testing. Or tie-up with a third party for these NDT facilities	Details of in house facilities/facilities with the third party including the certified inspectors shall be furnished

[Signature]

[Signature]

M. SHANTARAM
DGM / Design (Pumps)
B.H.E.L., Hyderabad-32.

8.	Power back up for furnaces	Power back for the melting-pouring furnace & HT furnaces required for the size of the casting. (OR) Protections/precautions taken to ensure the casting properties in the event of power failure	Documents / Technical details shall be furnished
----	----------------------------	--	--

PROCEDURE FOR EVALUATION OF OFFERS

The offers will be submitted as two part bid system i.e., Techno –commercial offer including PQR and price offer.

Initially, only techno – commercial offer will be opened for scrutiny.

Offers will be evaluated as follows:

(A) Techno – commercial offer:

1) The offers will be reviewed with respect to the Technical Pre-Qualification Requirements. The offers which do not meet the requirement will be disqualified and will not be processed further. The technically qualified offers will only be processed further.

2) The filled up Supplier Registration Forms of the technically qualified Suppliers will be evaluated as per the procedure stipulated in 'Supplier Evaluation, Approval & Review Procedure.

3) Technical scrutiny of Offers:

The offers meeting the PQR requirements are only considered for technical evaluation.

(B) Price offer:

a) The price bids shall be opened of those vendors only who will be approved by BHEL as per above point (A) 3.



M. Shantaram
M.SHANTARAM
 DGM / Design (Pumps)
 B.H.E.L., Hyderabad-32.