

BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM: HYDERABAD-502032

PUMPS ENGINEERING DEPT.

TECHINICAL PRE-QUALIFICATION REQUIREMENTS

ACCEPTANCE CRITERIA

Inner casing castings, MDG406 BFPs:

SL. NO.	REQUIREMENT	ACCEPTANCE	REMARKS
1.	Material specifications of earlier supplied castings	BHEL spec or equivalent national or international standard.	Un-priced Purchase order indicating the material spec shall be furnished
2.	End users of the earlier produced castings	At least 1 pump manufacturer to whom the casting is supplied	Un-priced Purchase Order be furnished
3.	Shape and geometrical construction of earlier produced castings	At least one similar casting should have been supplied	Drawings of castings produced shall be furnished
4.	Weight of single piece casting supplied earlier	More than or equal to the required casting weight	Documents shall be furnished
5.	Size of single piece casting supplied earlier(LxBxH/Dia)	More than or equal to the required size of castings	Documents shall be furnished
6.	Inspection agencies for earlier supplies	Lloyds / TUV/NTPC / BHEL or BHEL TPIA	Copies of certificates shall be furnished
7.	Pattern / Die 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
8.	Heat treatment facilities	Shall have in-house or tie-up with third party for required heat treatment processes like hardening, tempering and stress relieving etc. for the required size of the casting. The HT furnaces shall have facility to generate HT charts on auto.	Documents for in-house or tie-up shall be furnished.

SL.NO.	REQUIREMENT	ACCEPTANCE	REMARKS
9.	Power back up for HT furnaces	Power back for the HT furnace 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
10.	Machining facilities	Shall have in-house machining facilities or tie-up with a third party having required machinery for machining the castings as per drawing dimensions	Details of machinery in-house /or at the tied up party shall be furnished
11.	NDT facilities	Shall have in-house facilities for LPI, MPI, UT & RT. Or tie-up with a third party having experience in similar	Details of in house facilities/facilities at the tied up party including the certified inspectors shall be furnished
12.	Power back up for main furnaces, for melting and pouring	Shall have Power back up for the main furnace to ensure uninterrupted melting/pouring of required 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

NOTE:

The Suppliers not meeting the above criteria OR not submitted the required documents will be disqualified.

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General information to suppliers:

Supplier shall submit the following filled up FORMS along with required enclosures:

- 1) Filled up Technical Pre-Qualification Requirements
- 2) Indian suppliers: Filled up Supplier Registration Form No. SRF(I)01(INDIAN SUPPLIER)
Filled up formats of Part-A, Part-B & Part-C of Annexure-II, of Document no. AA: MM: SR: 01, Rev-01.
(Supplier Evaluation, Approval & Review Procedure, available at www.bhel.com)
- 3) Foreign suppliers: Filled up Supplier Registration Form No. SRF(F)01(FOREIGN SUPPLIER)
Filled up formats of Annexure-III, of Document no. AA: MM: SR: 01, Rev-01.
(Supplier Evaluation, Approval & Review Procedure, available at www.bhel.com)

Procedure for Evaluation of Offers

The offers will be submitted as two part bid system ie., 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) Offers of technically qualified suppliers:
The documents submitted for registration will be evaluated as per the procedure stipulated in ‘Supplier Evaluation, Approval & Review Procedure.
- 3) Technical scrutiny of Offers :
 - a) The offers qualified as per PQR will be taken up for technical scrutiny.
 - b) The technical offers will be scrutinized as per specification and drawing requirement.
 - c) The data/details furnished through online for registration will be evaluated by MISCC.
 - d) Final Recommendation will be given by MISCC to include the Suppliers in PMD and for ordering the subject items.
 - e) The technically suitable vendors who are accepted by MISCC shall be taken up with customer for their acceptance.

(B) Price offer:

- a) The price bids shall be opened of those vendors only, who are approved by customer as per above point (A)3(e).
- b) The price bids shall not be opened of those vendors who are not approved by customer as per above point (A)3(e).