



**PRE-QUALIFICATION REQUIREMENTS FOR
DISTRIBUTION BOARDS**

PE-PQ-999-558-E005

REVISION NO. 0 DATE 09/09/2016

SHEET NO. 1 OF 1

ITEMS : Distribution boards

SCOPE: Supply : YES; Erection & Commissioning : NO.

A.	Lighting or Welding distribution boards -LDB/WDB
1	Availability of Temperature rise and degree of protection test certificates conducted at independent Lab or witnessed by third party for LDB.
2	Vendor should be designer & manufacturer of LDB.
3	Availability of test reports (witnessed by third party) to establish in-house capability to carry out all Functional tests, HV test, IR measurement as per relevant IS for LDB.
4	Option -1 : Performance certificates for min. 2 years of trouble free operation at minimum 2 different installations/sites for LDB. Performance certificate should be from end user only. OR Option-2 : Repeat orders received from two different purchasers/end users for LDB during last 5 years provided the gap between award of two PO's is minimum 2 years. OR Option-3 : 1 no. performance certificate (as per Option-1) and 1 no. repeat order (as per Option-2).
5	Capacity of manufacturing 8 nos. LDBs per month.
6	Manufactured and supplied at least 50 nos. LDB/WDBs in one or more orders.
7	Minimum two (2) nos. purchase orders for the LDB/WDB shall be submitted which should not be more than five(5) years old from the date of application for registration or date of techno-commercial bid opening (as applicable) for establishing continuity in business.
B.	Lighting panels-LP
1	Availability of Temperature rise and degree of protection test certificates conducted at independent Lab or witnessed by third party for LP.
2	Vendor should be designer & manufacturer of LP.
3	Availability of test reports (witnessed by third party) to establish in-house capability to carry out all Functional tests, HV test, IR measurement as per relevant IS for LP.
4	Option -1 : Performance certificates for min. 2 years of trouble free operation at minimum 2 different installations/sites for LP. Performance certificate should be from end user only. OR

PREPARED BY

Devendra Singh
03-09-2016

NAME:

DESIGNATION:

REVIEWED BY

Pragati 21/9/16

NAME:

DESIGNATION:

APPROVED BY

M. K. Singh
9.9.16

NAME:

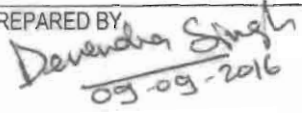
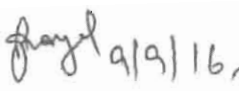
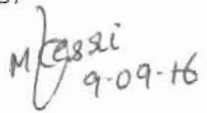
DESIGNATION:

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	Option-2 : Repeat orders received from two different purchasers/end users for LP during last 5 years provided the gap between award of two PO's is minimum 2 years. OR Option-3 : 1 no. performance certificate (as per Option-1) and 1 no. repeat order (as per Option-2).
5	Capacity of manufacturing 30 nos. LPs per month.
6	Manufactured and supplied at least 200 nos. LPs in one or more orders.
7	Minimum two (2) nos. purchase orders for the LPs shall be submitted which should not be more than five(5) years old from the date of application for registration or date of techno- commercial bid opening (as applicable) for establishing continuity in business.

NOTES:

1. The vendor can offer LDB/WDBs of own make and LPs of another make or vice-versa, meeting criteria above and accordingly furnish documents for credentials to meet the same. The credentials for LDB/WDBs should pertain to min. 50 kVA rating and for LPs to min. 63 A incomer rating.
2. Consideration of offer shall be subject to customer's approval of bidders, if applicable.
3. Bidder to submit all supporting documents in English. If documents submitted by bidder are in language other than English, a self-attested English translated document should also be submitted.
4. Any other project specific requirement shall be as per Annexure-I and bidder shall submit relevant supporting documents.
5. Notwithstanding anything stated above, BHEL reserves the right to assess the capabilities and capacity of the bidder/collaborators to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL.
6. After satisfactory fulfillment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all the other terms of the tender.

PREPARED BY  09-09-2016	REVIEWED BY  9/9/16,	APPROVED BY  9-09-16
NAME: DESIGNATION:	NAME: DESIGNATION:	NAME: DESIGNATION:

PROJECT SPECIFIC CRITERIA AGAINST ENQUIRY

PROJECT: 2X660MW ENNORE SEZ SUPER CRITICAL THERMAL POWER

PQR no PE-PQ-999-558-E005 rev 00 dt 9.9.16 is not applicable and project specific PQR for FRP Lighting Panels-(LP's) are as follows:

1. Manufacturing & design Capability for Electrical Components of Lighting panel (LP)
 - (a) Availability of temperature rise test certificate conducted at independent lab or witnessed by third party for FRP/CRCA LP.
 - (b) Vendor should be designer and manufacturer of FRP/CRCA LP.
 - (c) Availability of test reports (witnessed by third party) to establish in-house capability to carry out all Functional tests, HV test, IR measurement as per relevant IS for FRP/CRCA LP.
 - (d) Option-1: Performance certificates for min. 2 years of trouble free operation at minimum 2 different installations/sites for FRP/CRCA LP. Performance Certificate should be from end user only. OR
Option-2: Repeat orders received from two different purchaser's/end users for FRP/CRCA LP during last 5 years provided the gap between award of two PO's is minimum 2 years. OR
Option-3: 1 no. performance certificate (as per option-1) and 1 no. repeat order (as per option-2).
 - (e) Capacity of manufacturing 30 nos. FRP/CRCA LPs per month.
 - (f) Manufactured & supplied at least 200 nos. FRP/CRCA LPs in one or more orders.
 - (g) Minimum two (2) nos. purchase orders for the FRP/CRCA LPs shall be submitted which should not be more than five(5) years old from date of application for registration or date of techno-commercial bid opening (as applicable) for establishing continuity in business.
2. Manufacturing & design Capability for FRP enclosures
 - (a) Vendor should be designer and manufacturer of FRP type enclosures.
 - (b) Availability of degree of protection test certificate conducted at independent lab or witnessed by third party for FRP enclosure of min size 300x300 sqmm.
 - (c) Repeat orders received from two different purchasers/end users for FRP enclosure.
 - (d) Capacity of manufacturing 50 nos. FRP enclosures per month.
 - (e) Manufactured & supplied at least 200 nos. FRP enclosures in one or more orders.
 - (f) Minimum two (2) nos. purchase orders for the FRP enclosures shall be submitted which should not be more than five(5) years old from date of application for registration or date of techno-commercial bid opening (as applicable) for establishing continuity in business.

NOTES:

1. In case Vendor is able to meet criteria at Sl. no. 1 only and not Sl. No.2 above (or vice-versa) , vendor may furnish MOU on non judicial stamp paper of Rs 100/- with any other party meeting the criteria at Sl no 2 (or 1) above clearly defining their respective roles for design and manufacturing of Electrical components and FRP enclosure.
2. The credentials for LPs should pertain to min 63A income rating.
3. Consideration of offer shall be subject to customer's approval of bidders, if applicable.
4. Bidder to submit all supporting documents in English. If documents submitted by bidder are in language other than English, a self attested English translated document should also be submitted.
5. Notwithstanding anything stated above, BHEL reserves the right to assess the capabilities and capacity of the bidder/collaborators to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL.
6. After satisfactory fulfillment of all the above criteria/requirement, offer shall be considered for further evaluation as per NIT and all the other terms of the tender.

Asha Tinker
5/5/18

Vijay Kumar
5/5/18

Shankar
05/05/18

Pragat
5/5/18