

BHEL PEM-ELECTRICAL

PRE-QUALIFYING REQUIREMENTS FOR HT XLPE POWER CABLES  
DOC. NO. PE-PQ-999-507-E011, REV. 0

ITEMS : HT XLPE FRLS power cables
SCOPE: Supply : YES; Erection & Commissioning : NO;

A) GENERAL CRITERIA FOR EVALUATION

1. In-house capability for design, manufacturing and to carry out all routine, type & acceptance tests on HT XLPE FRLS power cables (except UV radiation & hydraulic stability test which can be conducted at Govt. Lab/ Govt. approved Independent lab).
2. Capacity of manufacturing 40 km of HT XLPE FRLS power cables per month.
3. Manufactured and supplied HT XLPE FRLS power cable sizes of minimum 240 sq. mm for 3/3.5 core and minimum 630 sq. mm for single core cable.
4. Manufactured & supplied at least 50 km of 11kV/6.6kV/3.3kV grade XLPE FRLS power cables in one or more orders and at least 15 km in one single order.
- 5a. Experience certificates for minimum 2 years of trouble free operation from minimum 2 different end users for HT XLPE FRLS power cables.  
OR
- 5b. Repeat order received from 2 different end users for HT XLPE FRLS power cables during last 5 years provided the gap between award of two PO's is minimum 3 years.  
OR
- 5c. 1 no. experience certificate (as per sl. no. 5a) and 1 no. repeat order (as per sl. no. 5b).  
OR
- 5d. Successful execution of a major order (i.e. supply of minimum 15 km of HT XLPE FRLS power cables in single order) for NTPC EOC, Noida/ EIL/ NPCIL.

Notes :

- i. Vendor(s) not registered with BHEL-PEM Noida for 'HT XLPE cables' shall submit relevant documents in support of above mentioned General Criteria.
- ii. For registration of additional works by a vendor already registered with BHEL-PEM Noida for 'HT XLPE cables', vendor shall submit relevant documents in support of sl. no. 1 & 2 of the above mentioned General Criteria for the proposed additional works.

*[Signature]*  
31-03-14

*[Signature]*  
31-3-14

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31/3/14

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*[Signature]*  
31/3/14

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**B) PROJECT SPECIFIC CRITERIA AGAINST ENQUIRY**

1. Bidder(s) already registered with BHEL-PEM Noida for 'HT XLPE cables' need not submit credentials for General Criteria indicated above.
2. After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all the other terms of the tender.
3. Consideration of offer will be subject to customer's approval of bidder (if applicable).
4. Any other project specific requirement shall be as per Annexure-I and bidder shall submit relevant supporting documents.

*Anju Arora*  
31.03.14  
Anju Arora  
[Technical Convenor]

*SK Gurumukhi*  
SK Gurumukhi  
[SH-E02]

*Rajnish Goyal*  
31/3/14  
Rajnish Goyal  
[SH-E03]

*Anuj Kumar*  
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*Meena Kesri*  
31.3.14  
Meena Kesri  
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ANNEXURE - I

PROJECT SPECIFIC CRITERIA AGAINST ENQUIRY

PROJECT NAME : 3 x 660 MW North Karanpura STPP  
CUSTOMER : NTPC

The Bidder should have manufactured and supplied following cables, prior to the date of Techno-Commercial bid opening i.e 28.11.2013

- (a) Atleast 50kms of XLPE insulated power cables of 6.35/11 KV or higher voltage grade, executed in one or more orders.
- (b) At least one (1) km of flame retardant low smoke cables of any voltage level.

Note : All the bidders (including bidders already registered with BHEL-PEM) to furnish credentials for project specific criteria indicated above.

*Sanj*  
18/4/15

*Manish Shukla*  
18/4/15

*Royal*  
18/4/15

*M. G. S. S. S.*  
18.4.15

[Section Head]

[DH-Electrical]