

## BHEL PEM-ELECTRICAL

### PRE-QUALIFYING REQUIREMENTS FOR FIRE SEALING SYSTEM DOC. NO. PE-PQ-999-507-E006, REV. 2

**ITEMS :** Fire sealing system, fire retardant cable coating

Vendor may be considered for evaluation for one or more of the following type of Fire sealing system:

Type 1 : RTV Silicone Foam

Type 2 : Panel based

Type 3 : Mortar/ Powder based

Type 4 : Individual blocks for each cable

**SCOPE:**

Supply : YES; Erection & Commissioning : YES;

#### A) GENERAL CRITERIA FOR EVALUATION

1. Vendor should be either "OEM" or authorised licensee or having agreement with "OEM" for applicable type of fire sealing system.
2. "OEM"/ Vendor should have in-house capability to carry out the routine & type tests as per IS/ International standards for the applicable type of fire sealing system and fire retardant cable coating. In case facilities for type test are not available with the "OEM"/vendor, these tests can be conducted at Govt. Lab/ Govt. approved independent Lab.
3. Availability of type test certificates conducted at independent Lab or witnessed by third party for the applicable type of fire sealing system and fire retardant cable coating as per IS/ International standards.
- 4a. Experience certificates for minimum 2 years of trouble free operation from minimum 2 different end users for fire sealing system.  
OR
- 4b. Repeat order received from 2 different end users/ purchasers for fire sealing system during last 5 years provided the gap between award of two PO's is minimum 2 years.  
OR
- 4c. 1 no. experience certificate (as per sl. no. 4A) and 1 no. repeat order (as per sl. no. 4B).  
OR
- 4d. Successful execution of a major order for NTPC EOC Noida/EIL/Nuclear Power corporation limited (NPCIL)/BHEL-PEM for applicable type of fire sealing system.

**Note :**

Vendor(s) should submit relevant documents in support of above mentioned General Criteria.

*Atawat*  
16/04/16

*Pragat* 16/4/16

*M. Sasi*  
16.4.16

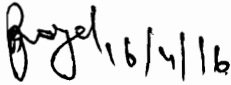
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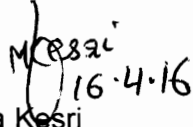
#### B) PROJECT SPECIFIC CRITERIA AGAINST ENQUIRY

1. 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.
2. Consideration of offer will be subject to customer's approval of bidder (if applicable).
3. Any other project specific requirement shall be as per Annexure-I and bidder shall submit relevant supporting documents.

  
15/04/16  
AK Rawat  
[Technical Convenor]

  
16/4/16  
Rajnish Goyal  
[SH-E02 & E03]

Praveen Dutta  
[SH-E01]

  
16.4.16  
Meena Kesri  
[DH-Electrical]

**BHEL PEM-ELECTRICAL**

**PRE-QUALIFYING REQUIREMENTS FOR FIRE SEALING SYSTEM  
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**ANNEXURE – I**

**PROJECT SPECIFIC CRITERIA AGAINST ENQUIRY**

**PROJECT : 2 X 600 MW SINGARENI, ADILABAD TPP**

**(A) TYPE-A FIRE PROOF CABLE penetration sealing system.**

Bidder / sub-vendor should have supplied and installed at least 135 sq.m of silicon foam type (in case bidder offers silicon foam type) or at least 135 sq.m of individual block type (in case bidder offers individual block type) fire proof cable penetration sealing system in a single contract.

**(B) TYPE-B FIRE PROOF CABLE penetration sealing system.**

Bidder / sub-vendor should have supplied and installed at least 850 sq.m of offered type of fire proof cable penetration sealing system in a single contract.

*Nitish Mann*  
16.04.16

[Dealing Engineer]

*Geeta*  
16/04/2016

[Controlling Officer]

*Arjun*  
16/4/16

[Section Head]

*M. S. S.*  
16-4-16

[DH-Electrical]