

BHEL PEM-ELECTRICAL
PRE-QUALIFYING REQUIREMENTS (DRAFT) FOR
FIRE SEALING

Pre-qualifying requirements (PQR) for FIRE SEALING are as under:

1. Vendor should have his own manufacturing facility for FIRE SEALING material or sourcing the material from an approved source having valid license/ agreement with original manufacturer.
2. Vendor should be manufacturer/ supplier of one or more of the following type of Fire Sealing System :-
 - ~~a) RTV Silicone Foam based sealing with minimum rating of 1 hour.~~ NA
 - b) Panel based sealing method (comprising encasing panels, cavity fill material & sealant) with minimum rating of 1 hour.
 - c) Mortar/ powder based sealing method (comprising mixing mortar curing with water) with minimum rating of 1 hour.
 - d) Fire retardant coating material for cables with minimum rating of 30 minutes.

AND

- 3A. Experience certificates for min. 2 years of trouble free operation from minimum 2 different end users in thermal power plant/ process industry.

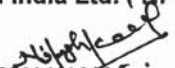
OR

- 3B. Repeat orders received during last 5 years provided the Fire Sealing System has completed a minimum period of 2 years in operation before award of the repeat orders.

AND

4. Availability of type test certificates of the following tests as per applicable standards (ASTM-E-814, ASTM-E-119, UL-1479, BS: 476, IEC-332-3, ASTM-D-263, IEC-331, ANSI-IEEE-383, IEEE-634, IS: 3144 latest)
 - a) Accelerated ageing test
 - b) Water absorption test
 - c) Vibration test
 - d) Fire rating test
 - e) Hose stream test

Note:- Successful execution of a major order for NTPC EOC, Noida/ EIL/ Nuclear Power Corporation India Ltd. (NPCIL) can be considered in lieu of criteria 3 above.


NILESH KAMAL
ENGR.


VIKAS YADAV
ENGR.


AK RAWAT
MANAGER


KK KHURANA (DH-ELECTRICAL)