

BHEL PEM-ELECTRICAL

PRE-QUALIFYING REQUIREMENTS FOR CATHODIC PROTECTION SYSTEM DOC. NO. PE-PQ-999-509-E005, REV. 0

ITEMS : TR units, Anodes (MMO, Anodeflex, Zn, Mg type) & Backfill, cables, Junction box, Reference electrode, ground cell, Test Lead point, Thermit welding, surge diverter, Insulation joints etc.

Vendor may be considered for evaluation for one or more of the following types of cathodic protection system :

- Type 1 - Impressed current type
- Type 2 - Sacrificial anode type

SCOPE:

Supply : YES; Site Survey : YES; Erection & Commissioning : YES;
Performance Guarantee Test : YES;
Performance Monitoring for specified period : YES;

A) GENERAL CRITERIA FOR EVALUATION

1. Vendor should have adequate design facility with experienced manpower.
2. Vendor should have capability/ experience to manufacture/ procure items associated with applicable type of cathodic protection system.
3. Vendor should have in-house capability to carry out all routine & acceptance tests as per IS/ International Standards for the self-manufactured items. The remaining items shall be procured from BHEL approved sub-vendor list.
4. Availability of type test certificates conducted at independent Lab or witnessed by third party for the major items (like TR units, Anodes, Cables, Junction box, Reference electrodes, Test lead point, Surge diverter etc.) tested as per IS/ International Standards.
- 5a. Experience Certificates (Supply, E&C and PG test) for minimum 2 years of trouble free operation from minimum 2 different end users from power plant/ process plant/ refinery/ cross country pipelines for the applicable type of cathodic protection system.

OR
- 5b. Successful execution of two orders for NTPC EOC, Noida/ Power Grid Corporation India Ltd. (PGCIL)/ Nuclear Power Corporation India Ltd. (NPCIL)/ Engineers India Limited (EIL)/ ONGC/ IOCL/ BPCL/ HPCL/ OIL for the applicable type of cathodic protection system.

Notes :

- i. Vendor(s) not registered with BHEL-PEM Noida for the applicable type of 'Cathodic protection system' shall submit relevant documents in support of above mentioned General Criteria.

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- ii. For registration of additional works by a vendor already registered with BHEL-PEM Noida for the applicable type of 'Cathodic protection system', vendor shall submit relevant documents in support of sl. no. 1, 2 & 3 of the above mentioned General Criteria.

B) PROJECT SPECIFIC CRITERIA AGAINST ENQUIRY

1. Bidder(s) already registered with BHEL-PEM Noida for the applicable type of 'Cathodic protection system' 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.
4. Any other project specific requirement shall be as per Annexure-I and bidder shall submit relevant supporting documents.