

Scope of Work

Painting of External Wall of Valve Hall/Service Building at \pm 800 KV HVDC Converter Station, Alipurduar.

SPECIFICATION NO.: ER2/NT/S-MISC/DOM/E00/24/08912/I-4522/RFX 5002003652

- Painting of vertical walls up to 25 meters to 30-meter height should be done through suspended motorized platform or IRATA Rope Access work at height method for job execution.
- The vendor must be an IRATA certified Organization (IRATA certification number must be furnished).
- All rope access equipment shall be certified by a third party every six months. The Owner reserves the right to seek evidence of appropriate rope access equipment certification.
- Painting in low heights / selected areas are allowed with scaffolding with permission of EIC.
- Special care should be taken to avoid any damage of transformers, bushings etc.
- The job execution will be done from November to April (during lean hydro generation).
- Painting at height should be carried out under supervision of safety officers.
- A minimum 1-year warranty should be provided for painting of external wall surfaces of Valve Hall. Bank Guarantee of 10% of LOA Price should be provided against Warranty. In case of any defects within the warranty / defect liability period the vendor should repair the same at his own cost. In case of failure of the vendor to undertake the repair works, same should be done by POWERGRID at risk and cost of the vendor.
- All necessary Transportation/boarding and lodging of the service team are deemed in the present scope of bidding. Further all the engaged team must have valid Workmen Insurance and shall comply against other statute points.
- The work shall be completed within 12 Months from the date of award of LOA or during the next planned annual shutdown of Alipurduar HVDC station, whichever is earlier.
- The confirmed dates of the shutdown shall be intimated to the contractor in advance. The contractor shall engage enough parallel teams to ensure timely completion of the work within the specified shutdown period as given by POWERGRID.
- Vendor must undertake a site visit and assess the job before submitting their quotation.

Specific Inclusion/Exclusion of the Scope: -

1. Followings shall be provided by POWERGRID free of cost to the successful bidder for completion of the job: -

- a. Providing system shutdown for carrying out work. However, the exact period shall require to be intimated by the bidder at least 15 days before for arrangement of S/D.
- b. Providing the required electricity/water. However, successful bidder shall arrange necessary piping/cable arrangement for work at exact point. Main point shall be identified by POWERGRID.

Additional terms and conditions of the contract for to be followed post award.

- The rope access vendor must have only IRATA (Industrial rope access trade association) certified working personnel on rope.
- The vendor must be an IRATA certified Organization (IRATA certification number must be furnished).
- The vendor shall maintain the norms of IRATA & record as per the standard (reference Standard Source: www.irata.org).
- Inspection, testing, certification, & calibration of rope access equipment will be the responsibility of the vendor.
- All rope access kits should comply with the EN standard. All rope access items should be numbered on the item & vendor should maintain record of all the rope access kits which can be produced as & when audited. Checklists for maintaining the quality of these items need to be certified by customer safety officers. All such items need to be verified before use and once in a quarter.
- Since all rope access jobs are high risk/ high hazard jobs hence vendors should comply with all IRATA guidelines & should have 3-star rating certification as per Customer's Contractor Safety Management System.
- All IRATA certified technicians must be well acquainted with rescue procedures and should be able to perform rescue operations in case of any emergency.
- All rope access equipment shall be certified by a third party every six months. The Owner reserves the right to seek evidence of appropriate rope access equipment certification.
- All rope access technicians will be IRATA certified with one Level 3 IRATA certified team leader cum safety rescue person.
- Suspended platform, the Vendor shall arrange Suspended motorized platform of size 2.50 meter X 1.00 meter with 10mm steel wire rope and counter weight balance of minimum 1.00 ton capacity for job execution. (Tentative). Availability of double motor to be ensured in suspended platform.
- Painting at height should be carried under supervision of experienced safety officers.
- Third party inspection certificate of suspended platform should be submitted prior to Start of the work.
- Deployed technicians for painting must use individual fall arrester, while executing the job.