



North Eastern Electric Power Corporation Ltd.  
(A Government of India Enterprise)  
An ISO 9001, 14001 & OHSAS 18001 Corporation

**CONTRACT & PROCUREMENT CELL**

Website-www.neepco.co.in , Email : jayanta\_contracts@rediffmail.com  
Phone: 03670-288241, Fax: 03670-288240

**CORRIGENDUM (II) DATED 02/08/2018**

to

**NOTICE INVITING TENDER**

KHEP/C&P/2018-19/297 dated: 21.06.2018

**For**

**DAY TO DAY MAINTENANCE INCLUDING ANNUAL PLANNED MAINTENANCE OF 2 X 25 MW KHANDONG AND 1 X 25 MW KOPILI STAGE-II POWER STATION AND ASSOCIATED SWITCHYARD” AT KHEP, NEEPCO LTD., UMRONGSO, ASSAM-788931.**

North Eastern Electric Power Corporation Ltd., (NEEPCO), a Public Sector Enterprise under the Ministry of Power, Government of India, invites bids with 120 days validity from prospective experienced bidders under the Single-Stage Two-Envelope bidding system (e-tender) through Domestic Competitive Bidding (DCB) route for awarding the contract of “ Day to Day Maintenance including Annual Planned Maintenance of 2 X 25 MW KHANDONG and 1 X 25 MW KOPILI STAGE-II Power Stations and Associated Switchyard” at Kopili Hydro Electric Plant , NEEPCO Ltd. Umrongso, Assam, India consisting of the following works.

- A. Day to day Maintenance ( Round the Clock ) of 2 X 25 MW KHANDONG and 1 X 25 MW KOPILI STAGE-II Power Stations and associated Switchyard as per Scope of Works detailed in the Technical Specification ( Under Section –IV ) of tender document.
- B. Annual Planned Maintenance of 3(Three) nos. of BHEL make Hydro Turbine Generator Units of 2 X 25 MW KHANDONG and 1 X 25 MW KOPILI STAGE-II Power stations as per Scope of Works detailed in the Technical specification (Under Section –IV) of tender document.

**As regards to Scope of Works under Section-IV of the bid document the following amendments shall be applicable.**

Indicative scope for Annual Planned Maintenance (APM) of 2 X 25 MW KHANDONG and 1 X 25 MW KOPILI STAGE-II Power Stations and Associated Switch Yard shall be as under.

1. Opening of 132KV bus isolator.
2. Disconnection of GT HV & LV, LA & NCT connections. Taking initial IR & PI.
3. Disconnection of stator connections, excitation X'er, UAT, NGT and taking initial IR & PI.
4. Disconnection of rotor leads at FB and taking initial rotor IR.
5. Cleaning, minor repairing & painting of stator & rotor, slip ring etc..
6. Cleaning, checking, and troubleshooting of all electrical panels including DVAR, EHG, ASE, RCP, UCP, SCADA, Thyristor etc.
7. Removal of DTTs/RTDs/Thermostats/WTIs/OTIs/pressure switches/limit switches/flow meters etc., calibrate, adjust and replace/refitting in the proper locations.

8. Checking & trouble shooting of CB, CT/PT, LA etc. and replacement if required.
9. Connection of all disconnected stator, GT, NGT, UAT, excitation, rotor connections.
10. Cleaning, checking & troubleshooting of AC, DC, CD, relay, metering system.
11. Collection of empty barrels from store & draining of oils from all oil baths.
12. Dismantling of all vapour, oil & water pipelines, valves etc. and re-fitting.
13. Dismantling of all coolers, cleaning/repairing, painting, and assembling & pressure testing and final box up.
14. Cleaning of all pipelines, painting & re-fitting.
15. Removal of vapour seal, pads, stoppers, spring mattress etc., polishing of pads & journals, checking of spring mattress, NRV, connected pipelines, repairing/replacement if required.
16. Repairing of MIV, replacement of rubber seals and adjustment for zero leakage at full water pressure.
17. Replacement of BP valve, servomotor, GV bushing, pumps, motor seals and adjustment as required.
18. Cleaning of slip ring, oil bath, TGB pit, OPU/OLU sump, pressure tank, compressor tank, dewatering pit etc. and painting the same.
19. Turbine /transformer oil filtration in situ.
20. Dismantling of DT cones, runner cones, runner etc. for repairing of underwater parts and re-fitting the same.
21. Dismantling of penstock, VH, spiral, DT cone manhole & re-closing.
22. In situ repairing of underwater parts/shafts including plate cladding, replacement of pipes, valves etc.
23. Rotor levelling, Unit shaft alignment & balancing.
24. Rotor Centering, pad setting, vapour seal setting, stator cover fitting and oil filling at all oil baths.
25. Dismantling of shaft seal & connected pipelines, cleaning, painting & refitting.
26. Dry-run and taking IR & PI continuously and test synchronization.
27. Checking of unit auxiliaries like OPU, HS, compressor, OLU and HMC system and troubleshooting if required.

Please note that if any works which is not specifically mentioned above but felt necessary for successful completion of APM may be considered as included in the above scope of works.

- **Capital Maintenance is excluded from the scope of works.**

**All other details as mentioned under Section-IV of the bid document shall remain unchanged.**