



CORRIGENDUM NO. 3 TO NOTICE INVITING TENDER

Job name : Major Overhauling of 12 MW, 11KV-15 MVA Steam Turbine Generator Type: TAI 920-14P-15, SL No. 1597 Make BHEL at Numaligarh Refinery Limited.

Tender Ref : OC17000136 dated 17.03.2020

With reference to the above tender no., kindly note the following clarifications regarding queries made by various agencies and also note the revised due date and opening date.

1. **Kindle provide the machine GA drawing & site pictures for planning rotor withdrawal.**

Reply: NRL is first time going for major overhauling STG generator thus site visit and necessary tooling arrangement shall be required. Also note that in tender SPECIAL CONDITION OF CONTRACTS SL. NO.2 "All tools & tackles shall be arranged by the contractor for various activities mentioned in the Scope of Work. If any special tool like rotor threading out / in is required and which needs to be fabricated at NRL site, then drawing for the same shall be given before 2 months of the job start." Thus if any additional/modification tool for rotor threading out / in is required, same has to be identified and drawing need to be submitted by bidder as per tender clause. Refer attached available STG layout plan for STG layout plan.

2. **Let us know, if any rotor withdrawal tool available.:**

Reply: NRL has the BHEL supplied tools during the STG project time. The tool is never used, for that SCC point no. 2 is kept.

3. **DC high spot test not advisable for old machine and we can carry out at 80% of rated voltage.**

Reply: All test shall be done as per machine condition and under the supervision of OEM Engineer i.e. BHEL.

4. **Generator spares available in particular bearing seals, diode and varistor. If not, provide details.**

Reply : Bearing seals, diodes and varistor are available.

5. **The replacement bearing will not be included in the present quote as we do not know the type and size which can be planned after starting work.**

Reply: No deviation of SOR item is allowed at this stage. Replacement of bearing is optional item i.e. based on condition of bearing after bearing inspection decision for bearing replacement will be taken. But in the tender it has to be considered and quoted. For information bearings are Sleeve Bearing Size :Ø 250 ,Lubrication Hydrodynamic.



NUMALIGARH REFINERY LIMITED
COMMERCIAL DEPARTMENT

6. **Overhauling includes only cleaning of generator parts with solvents. There is no CO2 cleaning included in the offer. Pls confirm.**

Reply: Cleaning is with solvents only as per scope in the tender.

7. **Natural frequency test for winding overhang in not required for this size of machine. Pls confirm.**

Reply : All test are included as per OEM recommendation. NFT (Natural Frequency test) will be required.

1. **Closing of bidding** : 13.05.2020 at 11:00 AM.
2. **Opening of bid** : 14.05.2020 at 11:00 AM. (technical bids only)

All other terms & conditions of the tender document shall remain un changed.

GM (Commercial),I/c
Numaligarh Refinery Limited
Numaligarh, Dist : Golaghat
Assam – 785 699