

1. GENERAL

Mormugao Port Trust invites budgetary quotations for Annual Rate Contract (ARC) for **“Rewinding of LT Motors, Welding Machines and Alternators”**

2. SCOPE of WORK for re-winding of LT Motors, welding machines and Alternators.

2.1 Shifting defective motor/alternators/equipment from MPT site

The defective LT Motors and welding machines will be delivered to the contractor's workshop for rewinding/overhauling and same will be collected from their workshop after repairs. However, in case of alternators of the DG sets/welding transformers, the contractor shall visit the site and if found necessary dismantle the alternator and shift the same to their workshop and after repairs/ overhauling deliver, install and commission the same. The contractor shall utilise his own transport without incurring any additional expenditure to the Port, whatsoever.

2.2 Repairs to equipment's.

- i. Dismantling of the Motor/Alternator after removal of coupling and assess the work to be carried out jointly with Port Engineer.
- ii. Recondition / replace the defective / broken rotor bars. Rewind the motor / stator / rotor with suitable copper wire and reinsulate with proper class of insulation as required.
- iii. Bake the rewound stator / rotor as per standards.
- iv. Contractor shall clean and replace bearings if required. New bearing will be supplied by Port. Old bearings are to be returned to Port.
- v. Re-assemble the motor and carryout following test as found applicable.
 - a. Open circuit test.
 - b. No load test
 - c. Insulation test.
- vi. Value of the above tests to be submitted while delivering the repaired / rewound motors.
- vii. The motor body to be scraped and painted with one coat red oxide primer and one coat of grey enamel paint.
- viii. Contractor is also required to supply and install spare parts eg, Stud, bolts, terminal block and cover checking / replacement of bearings, improving IR values, etc. and other miscellaneous items as may be required with due approval of Port Engineer. The charges for which will be paid extra as agreed.

2.3 Returning repaired equipment to MPT site.

- i. Assemble the alternator; fix the coupling and carryout the tests as found applicable for the job in the presence of Port Engineer or the representative, 2 days advance intimation shall be sent by the successful tenderer to make necessary arrangement at our end. Test reports as necessary to be submitted along with repaired equipment's.

2.4 Period of contract:

The rates accepted by the Port will be effective for a contract period of two years from the date of receipt of acceptance of LOA/ Purchase order. However, the **contract may be renewed for further period of one year at the same rates, terms and conditions, which is at the sole discretion of the Port.**

2.5 Other Conditions:

- i. Tenderer shall inspect /assess the amount of work involved and then quote accordingly.
- ii. Old /scrap copper wire will be the property of the contractor.
- iii. The scope of work may be split up and awarded to the lowest item wise offer received from the bidders as the case may be at the sole discretion of the Port Engineer.
- iv. A detailed list of various types of LT (AC/DC) motors, generators etc. are indicated in the BOQ. The tenderer is generally required to indicate unit prices for items in schedule for which he is intending to execute successfully in due time.
- v. The list is only indicative and does not guarantee that all these items will come for rewinding during the currency of the contract. The items from the list will be offloaded as and when the work arises by formal regularizing order on the successful tenderer.
- vi. The prospective tenderer should examine the scope of work involved and fully appraise the same and ensure prompt and satisfactory work.
- vii. No deviations/alterations are allowed in respect of delivery schedule indicated by us. In the case of exigency, the tenderer will be required to complete work in short period. However, in normal cases completing the work ahead of schedule will be appreciated.
- viii. The tenderer has to maintain a close liaison with the concerned Port Site Engineer at Site Electrical workshop and ensure that the work is attended as per site requirements and in accordance with relevant statutory and safety regulations.

2.5 Mobilisation and Completion Period:

The successful tenderer shall mobilise the work within 15 days on placement of the Purchase order/ LOA. The Contractor should then take up immediately the repairs/rewinding of the LT motors/alternator as the work arises during the currency of contract period which shall be regularised by P.O. The contractor shall ensure that motor etc. above 30 HP shall be rewound/repared within 15 days or earlier as the case may be as per the site requirements from the date of delivery of the motor to their workshop. In case of motors of rating 30HP and below shall be rectified/overhauled within 7 days or earlier as the case may be as per the site requirements. However, during emergency cases, the contractor shall arrange to repaired/overhauled motor above 30HP within a period of 1 week and motors 30 HP and below within a period of 5 days as desired by Port. The work of attending and rectification of alternators of DG set shall be taken up immediately and utmost priority shall be given to commission the DG set.

3.0 Last date of submission 14/10/2021 at 11.30 hrs.

Mode of submission email Mohamedshaik@mptgoa.gov.in

Contact No. 9881400509/9881758424.