

## **SCOPE OF WORK**

**1.0 GENERAL:** Whenever there is ambiguity between general conditions of tender and special conditions the later will prevail.

1. In view of improved reliability working and for prompt service the Lifts from reputed manufacturer who have large presence in the city.
2. The proposed lifts will be installed in the elevated station at MEMU Shed near Manjittidal Station in Tiruchirappalli for operation between ground floor to third floor. However actual height, the over all shall same and travel distance between the floor shall be measured by the contractor at site before quoting the tender and number of landings station is given Annexure 'A' .
3.
  - a) No machinery, Crane equipment of tools will be provided by the purchaser either free or on cost basis to the contractor for erection. Contractor has to make all arrangements at his own cost.
  - b) The arrangements such as scaffolding or minor building works is required for execution of work shall be under the scope of the contractor (see annexure 'A').
  - c) The contractor shall be responsible for any damage caused by men/ machinery deployed by him to any adjoining structure. The purchaser bears no liability whatsoever on this account.
  - d) Damages to public property, if any, during the course of execution or work will be borne entirely by contractor. However, Railway reserves the right to make good such damages at any time from the contractor. The preventive and corrective steps against such damages if not carried out by contractor in a reasonable period of time will be got done by purchaser and the cost of such works will be recovered from contractor.
  - e) The Railway shall not be liable for losses or in respect of any damages or compensation payable at Law in respect of or in consequence of any accident or injury to any workman or other persons employed by the Contractor.
  - f) The programme and method of execution shall be furnished by the contractor well in advance and got approved by the Engineer-in-charge before commencement of work.
  - g) The contractor shall have to obtain special permit from the Railway to enable his workers to work or to bring or take materials from the work spot.
  - h) The Tenderer must ensure the safety of the labourers and staff engaged by him while executing the work and the Railways will not be responsible for any injury/loss sustained by the contractor/staff.
  - i) The work shall be carried out in the presence of authorized representative of the Deputy Chief Electrical Engineer/General/Construction/Egmore/ Chennai-600 008.
  - j) The statutory license for the lifts from Lift Inspector with insurance policy shall be arranged by the contractor for one year as per Tamil Nadu lift rules – 1997

**2.0. ELECTRICAL:** The contractor shall obtain special permit from the Railway to enable its workers to work, to bring or to take materials from work spot.

No power will be supplied by the Railway for the contractor to carry out his work. The contractor if he desire to have temporary power for this work may apply for the same to the Engineer concerned and if feasible supply may be made available on terms applicable for outsiders. The Contractor has to bear the cost of temporary power supply installations and consumption charges during execution period.

The work shall be supervised by Contractor's representative who possess required competency certificate by any State Govt. Electrical Inspector. Proof for the same shall be attached along with the tender.

**LICENCE FOR OPERATION OF LIFT:** The contractor to liaison with concerned Govt. authority to avail license for operation of the Lift.

#### **4.0 CIVIL ENGINEERING:**

1. The tenderers shall inspect site before quoting the Tender, to assess the site condition, exact measurement, other design parameters etc.
2. The design of lift includes the design of support systems and guidance as per the CPDE specification. which includes support of traction machine and all its accessories. The lift shaft is either 230mm brick/concrete. Successful tenderer should give their design to suit the existing lift shaft and well.
3. The design of lift shall be compatible with the lift well and lift shaft available in the stations. The tenderer should ensure adequate design so as the individual load and their distribution of car, counter weight for both normal and abnormal working (accident), are with the structural design limits of lift well provided in station. The anchorage and guidance of car and counter weight will be designed to suit the lift shaft under all conditions. This is considered as primary responsibility of contractor.
4. The architrave works will be carried out by Railways Civil Engineering department. Details regarding the location direction and position car floor indicators should be furnished in advance to facilitate planning and completion of architrave works along with lift works.

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