

SPECIAL CONDITIONS OF THE CONTRACT**1.1 SCOPE OF WORK: -****Upgradation of old Operation Theaters at NRCH under Director/Administration/NRCH..**

- 1.1.1 The works to be governed by this contract shall cover designing, manufacturing, supplying, transportation till destination, safe custody at site, Insurance, Erection, testing and commissioning of the works as per specifications in SOR or/and relevant IS,IE rules or relevant international standards of working. In totality works executed should be as per standards as deemed fit to ensure safety and reliability.
- 1.2.2 Any minor item which is not included in description of SOR but required to complete the work of that SOR item has to be provided by the firm and no extra payment will be made for this.
- 1.2.3 The firm has to obtain the certificate / license from Fire Department of Delhi Fire Service after completion of work if required, responsibility of renewal of certificate/ license also lies with the firm. Railways will pay only the requisite license fee if any and assist in obtaining the same.
- 1.2.4 If any damage is caused to building, road etc. civil work during execution of work, it shall be responsibility of the contractor to repair and make good the loss properly at his own cost to the satisfaction of the Railway Administration/representatives.
- 1.2.5 The works to be undertaken by the contractor shall inter alia include the following: -
- a) Detailed design of equipment including shop testing of such equipment contained in technical specification.
 - b) Providing Engineering Drawings, Technical data, operation manuals, catalogues, spare parts lists etc for the said equipment as erected at site.
 - c) Packing and transportation of said equipment from the manufacturer's factory to the work site in Northern Railway.
 - d) Receipt including unpacking of the said equipment(s) at the site storage, preservation and conservation at site of work in Northern Railway.
 - e) Unpacking, checking for damage/ shortage, cleaning and erection.
 - f) Commissioning Tests.
 - g) Warranty obligations.
 - h) Other Miscellaneous Work.
 - i) The tenderer will report to consignee before taking out any maintenance activity or any complaint in the system. They will also submit the detail report after completion of the job. The performance of equipment and failure report also be submitted on monthly, quarterly and yearly basis.
 - j) **LED LUMINARY WARRANTY CERTIFICATE OF OEM AS PER PCEE SPEC FOR LED REV 3 (ATTACHED) TO BE SUBMITTED BY CONTRACTOR.**

1.3 SITE OF WORK:-

Upgradation of old Operation Theaters at Northern Railway, Central Hospital, New Delhi under Director/Administration/NRCH..

1.4 STANDARDS: -

- 1.4.1 The electrical work shall be carried out in accordance with the approved standard of general electrical work, comply with and IE/IS Act and Rules passed there under in all respect.
- 1.4.2 The electrical work shall be carried out without interruption of power supply to the offices. Necessary shut down of power supply shall be arranged by Railway if required.
- 1.4.3 All electrical works should comply with The Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulation.
- 1.4.4 Tenderers should note that they should be aware of the Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations (CEA Regulations) and will quote rates that are inclusive of all costs associated with complying with the CEA Regulations.

1.4.5 Tender may comply with Indian Railways manual for Electrical General service Volume I (Power supply) August 2022 or latest . Available at [https://indianrailways.gov.in/railwayboard/uploads/directorate/ele_engg/Circulars/Elect PS/other_circulars/Electrical%20General%20Service%20Manual%20Volume-I%20Power%20Supply_Ebook_26-11-22.pdf](https://indianrailways.gov.in/railwayboard/uploads/directorate/ele_engg/Circulars/Elect_PS/other_circulars/Electrical%20General%20Service%20Manual%20Volume-I%20Power%20Supply_Ebook_26-11-22.pdf)

1.5 GENERAL CONDITIONS: -

- 1.5.1 The work shall be done in accordance with Tech. Specification. The contractor is advised to go through the Tech. Specification before offering their quotations.

THESE TECHNICAL SPECIFICATIONS ARE DETAILED TO MEET THE DESIRED QUALITY OF WORK. HOWEVER, IN CASE OF ANY AMBIGUITY / TYPOGRAPHICAL MISTAKE, NECESSARY CLARIFICATION MAY BE COLLECTED FROM SR.DEE/G OFFICE BEFORE TENDER OPENING TILL COMPLETION OF WORK. THE DECISION OF SR.DEE/G/DLI OFFICE IS BINDING AND FINAL IN NATURE.

- 1.5.2 Material to be used should be in accordance with approved make given in the schedule. However, if need be, other reputed makes can also be approved by competent authority.
- 1.5.3 The work shall be carried out in the best workmanship and any defects in the work of changed in the design as per site conditions are pointed out by the inspecting authority shall be carried out by the contractor within the tendered rates.
- 1.5.4 In case of any dispute, regarding work the decision of the Sr. Divisional Elect. Engineer will be final and binding to the contractor.
- 1.5.5 If any damage is caused to the building as a result of execution of work, it shall be responsibility of the contractor to repairs and make good the loss properly at his own cost to the satisfaction of the Railway Administration/representatives.

- 1.5.6 All the earth works debris shall be removed daily after execution of the day work and throw outside the Railway premises by the contractors at his own cost and labour.
- 1.5.7 No part of the work can be got executed by the other agency except by the staff of contractors.
- 1.5.8 Any defects /discrepancy pointed out to the contractor during site inspection shall be rectified by the contractor at his own cost.
- 1.5.9 The tenderer shall responsible for obtaining the approval of local authority i.e. NDMC/ CPWD/MCD /state authority and also pay all necessary charges for road cutting etc for cable laying.
- 1.5.10 Before commencing the work contractor shall seek approval of make/ sample from competent authority.
- 1.5.11 Inspection of material shall be done by the authorized representative of Sr.DEE-G/ RITES.

- 1.6 **THE INTENDING TENDERERS SHOULD POSSESS A VALID ELECTRICAL CONTRACTOR LICENSE AT THE TIME OF OPENING OF TENDER, ISSUED BY ANY STATE GOVERNMENT & SAME SHOULD BE SUBMITTED ALONG WITH TENDER DOCUMENTS BY ALL BIDDERS INCLUDING WORKING CONTRACTORS OF THIS UNIT OTHERWISE OFFER SHALL BE SUMMARILY REJECTED.(this is part of Eligibility criteria in Elect-G works)**

1.7 GUARANTEE

THE TENDERER SHALL GUARANTEE THE EQUIPMENT OFFERED FOR SATISFACTORY PERFORMANCE FOR A PERIOD OF 12 MONTHS FROM THE DATE OF COMMISSIONING AND HANDING OVER THE INSTALLATION TO THE RLYS. AGAINST ANY DEFECTS ARISING OUT OF FAULTY MATERIALS AND POOR WORKMANSHIP. THE TENDERER SHOULD MAKE GOOD ALL THE DEFECTS FREE OF COST DURING THE GUARANTEE PERIOD AND REPLACE OR REPAIR THE DEFECTIVE EQUIPMENTS /PARTS FREE OF COST PROMPTLY AND SATISFACTORILY.

1.8 SPECIFICATION OF MATERIAL TO BE USED:

The technical specification for the equipment/material shall be as per CPWD General Specifications for Electrical Works Part-I Internal - 2023, CPWD DSR (E&M) 2022 and General Specifications for Electrical Works Part-II External 2023, Chapter No-2 Cable Work from Page No.9 to 23.

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