



**Telecommunications Consultants India Limited
(A Government of India Enterprise)**

**VOLUME-
TENDER DOCUMENTS**

FOR

**Providing and fixing Retro-
Reflectorised cautionary, Mandatory, informatory, direction and place ide
ntification Signboards at Lakhnadon-
Ghansore BOT Road Project in the State of Madhya Pradesh.**

TENDER NO. TCIL/LKD/BOT/NIT/CIVIL/2017/48 - Dated 14/02/2017

**Telecommunications Consultants India Ltd.
House No-A1, Preet Vihar , Adarsh Nagar , Gwarighat
Road , Jabalpur M.P
Phone No.0761 - 2660316**



Telecommunications Consultants India Ltd.
(A Govt. of India Enterprise)



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D-112, Arihant Hill Phase-4
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INVITATION FOR BID (IFB)

TENDER NO. TCIL/LKD/BOT/NIT/CIVIL/2017/48 - Dated 14/02/2017

Name of Work: Providing and fixing of Retro-Reflectorised cautionary, Mandatory, informatory, direction and place identification Signboards at Lakhnadon-Ghansore BOT Road Project in the State of Madhya Pradesh.

TCIL invites sealed Tenders on behalf of Govt. of India from experience firms / organizations for Providing and fixing of Retro-Reflectorised cautionary, Mandatory, informatory, direction and place identification Signboards at Lakhnadon-Ghansore BOT Road Project in the State of Madhya Pradesh.

The bid documents will be available on payment of Rs.1000/- from the office of The Project Director (Lakhnadon), House No-A1, Preet Vihar, Adarsh Nagar Gwarighat Road, Jabalpur M.P. Phone No.0761 - 2660316 from 14.02.2017. The tenders can be download from TCIL website www.tcil-india.com. Last date of submission of tenders is 07.03.2017 3:00pm at the following address:-

**The Project Director (Lakhnadon)
House No-A1, Preet Vihar, Adarsh Nagar, Gwarighat Road
, Jabalpur M.P. Phone No.0761 - 2660316**

Tender No. : **TCIL/LKD/BOT/NIT/CIVIL/2017/48**

Date of Tender Publication : 14.02.2017 Upto 12:00 Hrs.

Date of receipt of Tender : 07.03.2017 to 15:00

Date of opening : 07.03.2017 at 15:30 Hrs.

Earnest Money Deposit : EMD for Rs 25,000/- (Rupees twenty five thousand only) by D/D issued by any Nationalised/scheduled bank or in the form of bank guarantee in favour of "Telecommunications Consultants India Ltd".

Cost of Tender Documents: Rs. 1,000/- by DD in favour of Telecommunications Consultants India Ltd. payable at Jabalpur (Non-refundable)

Time of Completion : 1 Month from 10th day after date of Letter of Award/Purchase Order.

Defect Liability Period : 12 Months from the date of issue of completion certificate/acceptance testing of the signboards, whichever is later.

**The Project Director (LAKHNADON)
House No-A1, Preet Vihar, Adarsh Nagar, Gwarighat Road, Jabalpur
M.P. Phone No. 0761 - 2660316**



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INSTRUCTIONS TO BIDDERS AND GENERAL TERMS AND CONDITIONS

INSTRUCTIONSTO BIDDERS TENDERERS ANDT ERMSANDCONDITIONS

QUALIFICATIONINFORMATION

(1) EligibilityCriteria:

Experience of having successfully completed similar works during last 7years ending 31.03.2016 should be either of the following: -

a. Three similar works each completed and each costing not less than 40%of the estimated cost

OR

b. Two similar works each completed and each costing not less than 50%of the estimatedcost

OR

c. Onesimilarworkcompletedandcostingnotlessthan80%oftheestimatedcost.

(ii) The bidder has average annual turnover of Rs 25Lakhs per year in thelast three financial years ending 31.03.2016

(iii) “Similar Work” means Retro- Refectories’ traffic Sign work for road projects.

2 .TheBidder should be registered with Works Contract Cell of theSalesTaxDepartment.

2. Submissionof offer:

a) Bidder shall submitits offer in two envelopes marking “EnvelopeNo.1 (TechnicalBid)” .EnvelopeNo.1shall contain EMD, tender cost and documents insupport of Eligibility of the agency as per para No.1 above . Entire tender documents duly signed either purchased from TCIL office or downloaded from website, as bidder’ s un-conditional acceptance of all terms and conditions of this tender .Bidders who wish to download tender document fromTCIL website must submit DD for Rs1000/-towards tender cost in this envelope

b) Envelope No 2 marked “PriceBid” shall contain the Financial Offer . Financial Offers Of those bidders shall be opened who meet the eligibility criteria.

c) Envelopes containing ‘ Technical Bid”and“ Price Bid” shall be put together in one Envelope marked “Offer for TenderNo.TCIL/LKD/BOT/NIT/CIVIL/2015-16/01 Providing and fixing of Retro- Refectories cautionary ,Mandatory ,informatory direction and place identification Signboards.

3. Items mentioned in the tender shall be as per prescribed terms and conditions and Technical specifications.
4. A person signing the tender form or any other documents forming part of the contract on behalf of the tenderer shall be deemed to warranty that he has authority to bind the tenderer and if it subsequently comes to light that the person so signed had no authority to do so ,TCIL may without prejudice to any other civil and criminal remedies cancel the contract or the tender and hold the tenderer liable for all costs, charges and damages.
5. Nothing extra shall be paid on account of any discrepancy in nomenclature of item.The tenderer shall seek clarifications if any before submitting the tender.
6. Any cutting, overwriting etc. intender must be signed by the tenderer.
7. TCIL reserves the right to split the order to more than one agency and increase or decrease the quantity without assigning any reason.

8. EARNESTMONEY:

EMD amounting toRs.25,000/- shall be submitted in the following forms.

- i) Demand Draft favoring Telecommunications Consultants India Ltd payable at Jabalpur , MadhyaPradesh.
- ii) Bank Guarantee from any Nationalised Schedule bank with branch at Delhi in the prescribed format.

9. VALIDITYOF OFFERS:

The tenderer agrees that the rates submitted shall remain valid for acceptance for a period of 120 days from the date of opening of the tenders.

10. ACCEPTANCEOF TENDERS:

10.1 The right to accept or reject the tender will rest with TCIL. The TCIL further does not bind it self to accept the lowest tender and reserves its right to reject any or all the tenders received without assigning any reason whatsoever.

10.2 Canvassing in connection with tenders is strictly prohibited. The tenders of the tenderers who resort to canvassing a reliable to rejection.

If any tenderer stipulates any conditions of his own ,such conditional tender is liable to be rejected .Upon acceptance of the tender by TCIL,the tenderer shall sign an agreement for the works awarded to him under the tender.

11. SPECIFICATIONS

The work shall be conforming to IRC:67-2001” Code of practice for road and amendment there to .All sign shall be retro– reflective high intensity micro prismatic

grade as per MORTH specifications Forth revision of the best quality High standards and branded materials with sheeting from source/manufacturers as approved by MORTH

12. INSPECTION&TESTING

The Material shall be inspected on receipt at destination and tenderer shall be responsible for any damage during the transit of goods.

13. WARRANTY- WarranteePeriod-12 Months from the date of final completion Certificate issue by the Engineer-In- charge.

The supplier shall unconditionally guarantee that the Material supplied /work executed shall:-

- a) Be in satisfactory condition and free from all defects including defects arising out of inferior materials faulty and inferior workmanship.
- b) Be of highest quality and fit for the purpose for which they are intended.
- c) Strictly comply with Technical Specifications.

Where as defects are found in goods ,the bidder shall bear all costs including freight and the replacement of the defective goods within a period of 15days from the date of completion of work without any cost to TCIL.

14. PAYING AUTHORITY

**TheProject Director
H.No A1 , Preet Vihar
Adarsh Nagar , Gwarighat Road
Jabalpur , MP**

15. PAYMENTTERMS

- a) 80% payment shall be made against satisfactory completion of work as per MORTH Specifications and Relevant IRC Code as per BOQ &Technical specifications at site on submission of Invoice.
- b) 10%shall be released after 60days of date of issue of completion Certificate
- c) Balance10% shall be released after 12 month of date of issue of completion certificate.
- d) No payment will be made for works rejected on testing.

16.1 DELIVERY&INSTALLATION

16.2 DELIVERY SCHEDULE

The Delivery & installation of the material at destinations along with all necessary documents of the material be made within 60days from the10th day of date of Award Letter .The completion period as mentioned in the Award Letter shall be deemed to be the essence of the contract. Any failure on adherence to time of completion will invoke the liquidated damages clause.

17. PACKING OF GOODS

17.1 The Contractor shall provide such packing of the goods as is required to prevent their damages or deterioration during transit to their final destination as indicated in the contract. The packing shall be sufficient to withstand ,without limitation, rough handling during transit. Packing case size and weights shall be taken into consideration ,where appropriate, and the remoteness of the Good's final destination and the absence of heavy handling facilities at all point in transit.

17.2 The packing marking and documentation within and outside the packing shall comply strictly with such special requirements as shall be expressly provided in the Award Letter and subject to any subsequent instructions ordered by the Purchaser.

17.3 Mark each with "HANDLE WITH CARE

18. PERFORMANCE SECURITY

Contractor shall submit the Performance Bank Guarantee in favour Telecommunications Consultants India Ltd.for 10 Ten percent) of the total contract value of the order and valid upto Construction period plus two months beyond defectliability period. The Performance Security shall be given within 10days of date of issue of Award Letter .In case of any default in performance of the contractor for any amount due toTCIL, which contractor has failed to pay to TCIL,TCIL can recover the amount from the Performance Security.

19. VARIATION:

The quantities given in the BOQ can be increased/ decreased by plus/minus 25% at the quoted/ negotiated rates of the bidder.

20. LIQUIDATED DAMAGES

Liquidated damages shall be charged @ 2% of the contract price value,per week or part there of upto the maximum of 10% of the contract price.Once the maximum is reached TCIL may consider termination of the contract and in addition to liquidated damages claim compensation for actual whole damages for execution of work at the risk& cost of tenderer.

21. INSURANCE

Insurance during the Construction Period:

The Contractor shall purchase and maintain during the construction period the following policies. The insurance policies shall mention TCIL as the beneficiary any of the claims:-

- A. Comprehensive Builders / Contractors All Risk Insurance Policy
- B. Comprehensive third party liability insurance including injury or death to personnel of persons who may enter the project site.
- C. Workmen's Compensation Insurance
- D. Any other insurance that may be considered necessary by Government of Madhya Pradesh to protect the Concessionaire (TCIL) its employees and its assets (against loss, damage or destruction at replacement value) including all Force Majeure events that are insurable and not otherwise covered in items A to D.
- E. The above insurance cover shall come into effect after receipt of material at site. The transit insurance if any is to be arranged by the contractor.

22. CLAIMS

1. If the material supplied /work executed are found to be off size and shape different than those contracted and are of specifications lower than those stipulated in this contract TCIL shall have right to totally reject the goods and/or to prefer a claim for compensation for the part of goods, which is rejected. The bidder shall reimburse to TCIL, the actual expenditure on such goods by way of cost, freight, insurance, loading, ware house charges, testing charges and legal cost within 15 (fifteen) days of its demand. The tenderer be responsible for arranging the rejected goods to be removed at his cost from contractor / Sites, if so desired by TCIL.
2. The Contractor shall also compensate for losses, if any, sustained by TCIL due to defective packing and/ or marking of the goods not in accordance with the terms of the Contract.

23 TAXES:

The rates quoted by the tenderer shall be deemed to be inclusive of the sales and other levies, VAT, duties, royalties, cess, toll, taxes of Central and State Governments, local bodies and authorities and labour cess that the tenderer will have to pay for the performance of this Contract. TCIL will perform such duties in regard to the deduction of such taxes at source as per applicable law.

Tenderer shall quote all inclusive prices including the liability of Turn over tax ,Salestax, Exciseduty, Workstax, Royalty charges labour cess and other tax/or duty(as applicable) on contract as a whole or part thereof.

24 DISPUTES/ ARBITRATION:

24.1 ARBITRATION

All disputes and differences that may arise between the parties here to in regard to or touching these presents,the carrying out of the terms and conditions here under and or the interpretation there of in anyway what so ever so as to the construction ,meaning ,validity of effect of this Agreement or any cause,matter or thing here in contained or the rights and liabilities of the parties hereunder shall be referred to Arbitration and the said Arbitration shall be governed by the Arbitration and ConciliationAct ,1996 or any statutory modification or re-enactment in force for the time being.In the event of any dispute,should it not be possible to resolve such dispute directly between the parties,the dispute shall be referred to CMD ,TCIL ,for appointing a sole arbitrator.TheVenue of Arbitration shall be New Delhi and shall be governed by the Laws of India.

24.2 Only Delhi Courts shall have the exclusive jurisdiction on the subject matter of the Agreement. The Laws of India shall govern the agreement.

25 NOTICES

25.1 All certificates ,notices or instructions to be given to the Contractor by the Employer of the Engineer under the terms of the Contract shall be sent by post,cable,telex or facsimile transmission to or left at the Contractor's principal place of business or such other address as the Contractor shall nominate for that purpose.

25.2 Any notice to be given to the Employer or to the Engineer under the terms of the Contract shall be sent by post,cable,telex or facsimile transmission to or left at the respective address nominated for that purpose.

25.3 Either party may change a nominated address to another address in the country where the works are being executed by prior notice to the other party,with a copy to the Engineer,and theEngineer may do so by prior notice to both parties.

26. FORCEMAJEURE:

a) A partfrom and an addition to what is stipulated in the Civil Court of NewDelhi the following occurrence may according to the circumstances constitute case of Force Majeure and absence of ForceMajeure.

- i) The unforeseen act of third party for which the supplier is not responsible,or
- ii) An official prohibition preventing the performance of the order, or

- iii) A natural catastrophe such as an earthquake, lightning or civil war.
- b) Absence of Force Majeure;
 - i) A strike or lock out taking place in the undertaking of the supplier or affecting the branch of business in which he carries out its activities, or
 - ii) An increase or reduction in the price of raw material necessary for the performance of the order, or the enactment of new legislation where by the obligations of the supplier become more onerous.

27. CONTRACTOR'S RISK:

All risks of loss of or damage to physical property and of personal injury and death, which arise during and in consequence of the performance of the Contract other than the excepted risks which are:

- (a) In so far as they directly affect the execution of the Works in the Employer's country, the risk of war, invasion, act of foreign enemies, rebellion, revolution, insurrection or military or usurped power, civil war, riot, commotion or disorder (un less restricted to the Contractor's employees), natural calamities and contamination from any nuclear fuel or nuclear waste or radioactive toxic explosive, or
- (b) A cause due solely to the design of the Works, other than the Contractor's design, are the responsibility of the tenderer.

28. TERMINATION OF CONTRACT:

In case of failure of the tenderer to perform the contract as per the terms and conditions and to the satisfaction of TCIL, TCIL reserves the right to terminate the contract without assigning any reason. TCIL shall have a right to complete the supply through any agency at the risk and cost of the contractor.

SPECIAL CONDITIONS:

- 1.0 The work shall be carried out strictly in accordance with MORTH & specification of civil works (Internal & External) as amended upto date.
- 2.0 In the absence of above specifications for any class of work the latest IRCcodes including all amendments.
- 3.0 All the items shall be provided of approved makes only. When it is not possible to use any of the approved makes either due to non-availability or due to Technical reasons, alternate make shall be approved by the Engineer-In-Charge.
- 4.0 The sample of all the materials to be used shall be got approved from the Engineer-In-Charge before the whole lot is brought at site.
- 5.0 The generally out and drawing of the tender item shall be got approved from the Engineer-In-Charge before fabrication of the Boards
- 6.0 The work shall be carried out in accordance with the approved drawings.
- 7.0 Any damage done to the road, during execution tender works shall be the responsibility of the contractor and the same shall be made good immediately at his own cost to the satisfactions of the Engineer-In-Charge. Any expenditure incurred by the department in this connection shall be recovered from the contractor and the decision of the Engineer-In-Charge shall be final.
- 8.0 Poor work manship will not be accepted and the defects shall be rectified at the contractor's cost to the satisfactions of the Engineer-In-Charge.
- 9.0 All the debris of the civil works shall be removed and the site should be cleared by the contractor immediately. Similarly any rejected material shall be removed immediately from the site by the contractor. A certificate to this effect shall be issued by the Engineer-in-charge before final bill clearance.
- 10.0 The watch and ward of the material brought at site shall be responsibility of the contractor till installation is finally handed over to the owner.
- 11.0 The contractor shall supply completion drawings of the entire work related to this tender showing the location and sizes as per actual execution at site.
- 12.0 Necessary safety measures are to be taken the contractor and any accident. Mishap during project implementation (or) after completion of project shall be the responsibility of the contractor only.



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SPECIFICATIONS

LAKHNADON-GHANSOREBOTROADPROJECT
RETRO-REFLECTORISED
CAUTIONARY,MANDATORY,INFORMATORY,DIRECTION AND PLACE
IDENTIFICATION SIGN BOARDS AND
Road Signages

| | |
|---|--|
| 1 | Fabrication and fixing of Toll Plaza boards and fascia sign of various sizes including at roof height of canopy top conforming to IRC 67-2010 made of aluminium composite panel (ACP) 4mm thick and 3M high intensity grade type-IV white retro-reflective sheeting letters in English, Hindi and numerals in English and base of high intensity grade type-IV blue/green sheet including two coats of paint to the exposed surface etc. The boards shall be of MS angles of size40x40x5 mm. The item includes cost of all material complete in all respect as per direction of engineer-in-charge |
| 2 | Fabrication and fixing of Mandatory sign of various sizes conforming to IRC 67-2010 made of aluminium composite panel (ACP) 4mm thick and 3M high intensity grade type-IV white retro-reflective sheeting letters in English, Hindi and numerals in English and base of high intensity grade type-IV blue/green sheet including two coats of paint to the exposed surface etc. The sign board shall be of MS angles of size40x40x5 mm, support (posts) shall be of MS angles |
| 3 | Fabrication and fixing of Warning sign of various sizes conforming to IRC 67-2010 made of aluminium composite panel (ACP) 4mm thick and 3M high intensity grade type-IV white retro-reflective sheeting letters in English, Hindi and numerals in English and base of high intensity grade type-IV blue/green sheet including two coats of paint to the exposed surface etc. The sign board shall be of MS angles of size40x40x5 mm, support (posts) shall be of MS angles of size 75x75x8 mm. The item includes cost of all material complete in all respect as per direction of engineer-in-charge. size-small, side 600mm |
| 4 | Fabrication and fixing of Hazard sign of various sizes conforming to IRC 67-2010 made of aluminium composite panel (ACP) 4mm thick and 3M high intensity grade type-IV white retro-reflective sheeting letters in English, Hindi and numerals in English and base of high intensity grade type-IV blue/green sheet including two coats of paint to the exposed surface etc. The sign board shall be of MS angles of size40x40x5 mm, support (posts) shall be of MS angles of size 75x75x8 mm. The item includes cost of all material complete in all respect as per direction of engineer-in-charge. size-small, side 600mm |
| 5 | Fabrication and fixing of Informatory sign of various sizes conforming to IRC 67-2010 made of aluminium composite panel (ACP) 4mm thick and 3M high intensity grade type-IV white retro-reflective sheeting letters in English, Hindi and numerals in English and base of high intensity grade type-IV blue/green sheet including two coats of paint to the exposed surface etc. The sign board shall be of MS angles of size40x40x5 mm, support (posts) shall be of MS pipe of dia 76 mm. The item includes cost of all material complete in all respect as per direction of engineer-in-charge. Size 1.5x1.2mtr |

| | |
|---|---|
| 6 | <p>Fabrication and fixing of Informatory sign of various sizes conforming to IRC 67-2010 made of aluminium composite panel (ACP) 4mm thick and 3M high intensity grade type-IV white retro-reflective sheeting letters in English, Hindi and numerals in English and base of high intensity grade type-IV blue/green sheet including two coats of paint to the exposed surface etc. The sign board shall be of MS angles of size40x40x5 mm, support (posts) shall be of MS pipe of dia 76 mm. The item includes cost of all material complete in all respect as per direction of engineer-in-charge. Size 1.2x0.9mtr</p> |
| 7 | <p>Fabrication and fixing of Informatory sign of various sizes conforming to IRC 67-2010 made of aluminium composite panel (ACP) 4mm thick and 3M high intensity grade type-IV white retro-reflective sheeting letters in English, Hindi and numerals in English and base of high intensity grade type-IV blue/green sheet including two coats of paint to the exposed surface etc. The sign board shall be of MS angles of size40x40x5 mm, support (posts) shall be of MS pipe of dia 76 mm. The item includes cost of all material complete in all respect as per direction of engineer-in-charge</p> |
| 8 | <p>Fabrication and fixing of Informatory sign of various sizes conforming to IRC 67-2010 made of aluminium composite panel (ACP) 4mm thick and 3M high intensity grade type-IV white retro-reflective sheeting letters in English, Hindi and numerals in English and base of high intensity grade type-IV blue/green sheet including two coats of paint to the exposed surface etc. The sign board shall be of MS angles of size40x40x5 mm, support (posts) shall be of MS pipe of dia 76 mm. The item includes cost of all material complete in all respect as per direction of engineer-in-charge. Size 0.6x0.45mtr</p> |
| 9 | <p>Fabrication and fixing of MS structure, unipole and gantry as per The item includes cost of all material complete in all respect as per direction of engineer-in-charge.</p> |



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VOLUME-II

TCIL/LKD/BOT/NIT/CIVIL/2017/48 - Dated 14/02/2017

TENDER DOCUMENTS

BOQ FOR

**Providing and fixing of Retro-
Reflectorised cautionary, Mandatory, informatory, direction and place ide
ntification Signboards at Lakhnadon-
Ghansore BOT Road Project in the State of Madhya Pradesh.**

TENDER NO. TCIL/LKD/BOT/NIT/CIVIL/2017/48 - Dated 14/02/2017

**Telecommunications Consultants India Ltd.
House No-A1, Preet Vihar , Adarsh Nagar
, Gwarighat Road , Jabalpur M.P
Phone No.0761 - 2660316**

LAKHNADON-GHANSORE BOT ROAD PROJECT
BOQ FOR PROVIDING AND FIXING OF RETRO-REFLECTORISED CAUTIONARY,
MANDATORY, INFORMATORY, DIRECTION AND PLACE IDENTIFICATION SIGN
BOARDS AND ROOF SIGNS

| S.no | Description | Unit | Qty | Rate | Rate in words | Amount |
|------|--|------|-----|------|---------------|--------|
| 1 | Supply and fixing of Informatory sign of various sizes conforming to IRC 67-2010 made of aluminium composite panel (ACP) 4mm thick and 3M/Avery Dennison high intensity grade type-IV white retro-reflective sheeting letters in English, Hindi and numerals in English and base of high intensity grade type-IV blue/green sheet including two coats of paint to the exposed surface etc. The sign board shall be of MS angles of size 40x40x5mm, support (posts) 75mm OD MS pipe of dia 76mm. The item includes cost of all material complete in all respects as per direction of engineer-in-charge. (Shoulder Mounted) (1800*2400mm) | | | | | |
| a | Toll plaza 500m & 1000 meter | NOS | 4 | | | |
| b | Toll Road start & End | NOS | 4 | | | |
| 2 | Designing, Supplying and Fixing Overhead and Cantilever structures for Sign Boards manufactured as per IRC:67:2010 using Type I VASTMD 4956-10 microprismatic retro reflective sheeting 3M/Avery Dennison sheeting fixed over 4MM ACP sheeting: Steel work built up trusses 300nb pipe with 40 and 25nb pipe all structure welded tubes including cutting and fixing in position, foundation, erection with the help of movable gantry crane and applying a coat of red oxide zinc chromate primer, and 2 coats of superior grade enamel paint complete, welded and bolted including special shape of washers, as per contractor's design and approved drawing, Technical Specifications Clause 802 and as directed by the Engineer. | | | | | |
| a | OVERHEAD GANTRY 15mtr x 1.5mtr | NOS | 1 | | | |
| b | CANTILEVER GANTRY 4.8mtr x 1.5mtr. | NOS | 2 | | | |

Seal and Sign of Bidder

