

BID DOCUMENT

FOR

**SUPPLY, INSTALLATION, COMMISSIONING AND TESTING OF
ELECTRONIC WEIGHBRIDGE (PITLESS) FOR 100 MT ON BINA –
KURWAI – SIRONJ BOT ROAD PROJECT IN THE STATE OF
MADHYA PRADESH.**

Tender No: TCIL/BPL/NIT/BKS/11-12/CIVIL/09/29

Issued By:

Project Director,

Telecommunications Consultants India Limited,
House No.D-112, Phase-IV, Arihant Hills,
Arihant Vihar Colony,
Vidisha.

Tel./Fax. 07592 – 233140, 233535

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visit us at <http://www.tcil-india.com>



	<p>Telecommunications Consultants India Ltd. (A Govt. of India Enterprise) House No.D-112, Phase-IV, Arihant Hills, Arihant Vihar Colony, Vidisha.</p>	<p>IS/ISO 9001</p> 
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SECTION-1

Tender No. TCIL/BPL/NIT/BKS/11-12/CIVIL/09/29

NOTICE INVITING TENDER

Sealed tenders are invited from Eligible/Experienced Bidder for Supply, Installation, Commissioning and Testing of Electronic Weighbridge (Pitless) for 100 MT on Bina – Kurwai – Sironj BOT Road Project in the state of Madhya Pradesh.

Tender documents are enclosed.

Complete tender documents are also available on TCIL's website, address given below:

[http:// www.tcil-india.com](http://www.tcil-india.com)

The documents downloaded by the parties from the website shall be valid for participation in the tender process.

ELIGIBILITY CRITERIA

The bidder shall fulfill the following Eligibility Criteria:

1. The Bidder should be OEM or Authorized Dealer of the OEM.
2. Average Annual Financial Turnover during the last 3 years, ending 31st March 2010, should be at least Rs.10 Lacs. Bidder should submit the Annual Report (Balance Sheet and Profit & Loss Account) for last three years.
3. Experience of having successfully completed similar works during the last 2 years ending 30th April 2011 should be either of the following:

Two similar services each costing not less than Rs. 7.5 Lac each.

Or

One similar services costing not less than Rs. 10 Lac.

Similar services means Supply, Installation, Commissioning and Testing of Electronic Weighbridge.

Bidder should provide necessary supporting documents as proof in respect of all the above as part of eligibility verification.

Two stage bid system shall be adopted, i.e., **Techno-Commercial Offer** and **Price Offer**.

The tenders shall be submitted in the Office of Project Director, Telecommunications Consultants India Limited, House No.D-112, Phase-IV, Arihant Hills, Arihant Vihar Colony, Vidisha. Tel./Fax. 07592 – 233140 on or before **15:00 hrs. on July 20, 2011**.

In the first stage, the Techno-Commercial Offers shall be opened at **15:30 hrs on July 20, 2011** in the presence of Tenderers or their authorized representatives present at the time of tender opening.

The Price Offers of only those parties who qualify in the first stage shall be opened at time and date to be notified separately.

TCIL reserves the right to accept or reject any or all the tenders without assigning any reason.

(A. K. KATARIA)
PROJECT DIRECTOR

-END OF SECTION 1-

SECTION 2

Tender No. TCIL/BPL/NIT/BKS/11-12/CIVIL/09/29

INSTRUCTIONS TO BIDDER

2.1 INTRODUCTION (DEFINITIONS)

- 2.1.1** “Purchaser” means Telecommunications Consultants India Ltd. (TCIL), its Head Quarter at New Delhi or any other project/branch offices within or outside India.
- 2.1.2** “Bidder” means the individual or firm or corporate body or consortium or association of persons who participates in the tender and submits its bid.
- 2.1.3** “Goods/Products” means all the hardware equipments, instruments, tools, machinery etc., and/or other materials like components/parts/spares including consumables which the supplier is required to supply to the Purchaser under the Purchase Order.
- 2.1.4** “Letter of award (LOA)” means the communication of the intention of the Purchaser to the Bidder to place the Purchase Order for the former’s offered goods/services.
- 2.1.5** “Purchase/Work Order (PO)” means the order placed by the Purchaser on the Supplier duly signed by the Purchaser’s authorized representative to purchase certain goods & services from the vendor/contractor.
- 2.1.6** “Contract Price” means considerations payable to the supplier/contractor as stipulated in the Purchase or Work Order for performance of specified contractual obligations.

2.2 BIDDER TO BEAR COST OF PURCHASE OF TENDER

The Bidder shall bear all costs associated with the preparation and submission of the bid. The Purchaser in any case will not be responsible or liable for these costs regardless of the conduct of the bidding process.

2.3 BID DOCUMENTS

2.3.1 Bid Documents includes:-

Section 1	Notice Inviting Tender
Section 2	Instructions to Bidder
Section 3	General (Commercial) Conditions of the Contract
Section 4	Special Conditions
Section 5	Price Bid Schedule

Section 6	Technical Specifications
Section 7	Format of Performance Bank Guarantee

2.3.2 Any clarification or communications obtained from the Purchaser

2.4 AMENDMENT TO BID DOCUMENTS

2.4.1 At any time, prior to the date of submission of bids, the Purchaser may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bid documents by amendments.

2.4.2 The amendments will be notified in writing or by telex or fax to all prospective bidder who have received the bid documents and these amendments will be binding on them.

2.5 EXTENSION OF TIME

In order to give prospective bidder required time in which to take the amendments into action in preparing their bid, the Purchaser may at its discretion extend the deadline for submission of bid suitably.

2.6 BID PRICE

Unit prices/rates shall be quoted as given in Special Conditions of the tender in Section – 4.

2.7 BIDDER ELIGIBILITY AND QUALIFICATIONS

Bidder shall furnish as a part of bid documents establishing the bidder's eligibility to supply the material. The bidder shall also submit documentary evidence in the form of literature, drawing, data on the goods offered.

2.9 FORMAT OF SIGNING OF THE BID

2.9.1 The bidder shall prepare **one copy of the bid.**

2.9.2 The original copy of the bid shall be typed and shall be signed by the bidder or a person duly authorized by the bidder. The Letter of Authorization shall be accompanied by a written Power of Attorney accompanying the bid.

2.9.3 All pages of the original bid except printed literature shall be initialed by the person signing the bid.

2.9.4 The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the bidder in which case such corrections shall be initialed by the bidder signing the bid.

2.10 DEADLINE FOR SUBMISSION OF BID

Bid must be received by the Purchaser at the address specified and not later than the date and time specified in the NIT.

2.11 LATE BID

Any bid received late by the Purchaser after the deadline for submission of the bid shall be rejected and returned un-opened to the bidder.

2.12 MODIFICATION AND WITHDRAWAL OF BIDS

2.12.1 The bidder may modify or withdraw his bid provided that written notice of modification or withdrawal is received by the Purchaser prior to the deadline prescribed for submission of bids.

2.12.1 No bidder may modify or be allowed to withdraw bid subsequent to the deadline for submission of bids.

2.13 OPENING OF TECHNO-COMMERCIAL OFFER (PART-1)

2.13.1 The Purchaser shall open the Techno-Commercial Offer (Part-1) in the presence of authorized bidder's representatives who choose to attend at date and time specified in the NIT. The bidder's representative who are present shall sign the Attendance Register.

2.13.2 A maximum of two representatives for any bidder shall be permitted and authorized to attend the bid opening.

2.13.3 The date fixed for opening of bids, if subsequently declared as holiday by the TCIL, the revised date of schedule will be notified. However, in absence of such notification, the bids will be opened on next working day, time and venue remaining unaltered.

2.14 CLARIFICATION OF BIDS

2.14.1 To assist evaluation and comparison of the bids, the Purchaser may at its discretion may ask the bidder for clarification of the bid. The clarification and response from bidder shall be in writing.

2.14.2 The Purchaser does not bind himself to accept the lowest or any tender and reserves to himself the right to accept the whole or any part of the tender and altering the quantities offered and tenderer shall supply the same at the rate quoted.

2.15 EVALUATION OF TENDERS

2.15.1 The Purchaser shall evaluate the bids in respect to the substantive responsiveness of the bid or otherwise. The Purchaser shall carry out detailed evaluation of the substantially responsive bids. The Purchaser shall check the bid to determine whether they are complete, whether any computational errors have been made or required sureties have been furnished.

2.15.1 Arithmetical error shall be rectified on the following basis :-

- a) If there is a discrepancy between the unit price and total price that is obtained multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected by the Purchaser.
- b) In case of discrepancy between words and figures, the amount in words shall prevail.

- 2.15.2 A bid determined as substantially non-responsive shall be rejected by the Purchaser.
- 2.15.3 The Purchaser may waive any minor infirmity or non-conformity or irregularity in the bid which does not constitute a material deviation.
- 2.15.4 The Purchaser shall evaluate in detail and compare the bids which are substantially responsive.
- 2.15.5 The evaluation of the ranking shall be carried out on the landed price of goods offered inclusive of all taxes.
- 2.15.6 The distribution of tendered quantity amongst the technically and commercially complied bidder shall be based on merits of each case.
- 2.15.7 TCIL shall have the sole discretion in deciding the number of parties on whom the orders shall be finally placed.

2.16 PURCHASER'S RIGHT TO VARY QUANTITIES

- 2.16.1 The Purchaser reserves the right at the time of award of the contract to increase the quantity of the goods and services specified in the schedule of requirements without any change in unit price of the ordered quantity.
- 2.16.2 In case of division of order among number of parties. The distribution of quantity will be accordingly done by the Purchaser on an individual tender.

2.17 PURCHASER'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS

The Purchaser does not bind himself to accept lowest or any other tender/bid and has the right to cancel the bidding process and reject all bids at any time prior to award of the contract without assigning any reasons whatsoever and without thereby incurring any liability to the affected bidder on the grounds for the Purchaser's action.

2.18 NOTIFICATION OF SUCCESSFUL BIDDER

- 2.18.1 Prior to the expiration of the bid period, the Purchaser will notify the successful bidder in writing by registered letter or fax, to be confirmed in writing by registered letter that its bid has been accepted.
- 2.18.2 Upon successful bidder furnishing of Performance Guarantee, the Purchaser will notify each successful bidder and will discharge its bid bond.

2.19 ISSUE OF LETTER OF INTENT

- 2.19.1 The issue of Letter of Award/Purchase Order shall constitute the intention of the Purchaser to place the Purchase Order with the successful bidder.
- 2.19.2 The bidder shall within 7 days of issue of Letter of Award/Purchase Order give its acceptance along with Performance Guarantee in conformity with the bid documents.

2.20 CANCELLATION OF LETTER OF INTENT

Failure of the successful bidder to comply with the requirement of submission of Performance Guarantee in time shall constitute sufficient ground for the cancellation of the acceptance of bid and forfeiture of the bid bond, in which case Purchaser may make the offer to any other bidder at the discretion of the Purchaser or call for new bids.

2.21 POST BID CLARIFICATIONS

No post bid clarification at the initiative of the bidder shall be entertained and any effort by the bidder to influence the Purchaser in the Purchaser's bid evaluation, bid comparison or award of the contract shall result in rejection of the bid.

2.22 DELIVERY

Delivery of the goods shall be made by the supplier in accordance with the terms specified by the Purchaser in the Special condition of the contract and goods shall remain at the risk of the supplier until delivery have been completed in full. The Schedule of delivery shall be the essence of the contract.

2.23 SUBMISSION OF BID

Sealed offer shall be submitted in two separate envelopes.

Envelope 1 super scribed as PART-1 (Techno-Commercial Offer) shall contain the following:

- a) Documentary evidence in respect of the eligibility criteria mentioned in the N.I.T.
- b) Technical Offer
- c) A statement showing Clause-by-Clause compliance to all Terms & Conditions of all the Section of the tender.
- d) All the pages of the Bid must be serially numbered, properly stitched and kept in a file. Each page must indicate the page number of that page/the total number of page the bid contains. For example, if the bid contains 99 pages in total, the marking on page 1 shall be "1/99", on page 2 it will be marked as "2/99" and so on

Envelope 2 superscribed as PART-II (Price Offer) shall contain the Price Bid Schedule as per the format given in Section – 5 of the Bid Document.

A single sealed envelope containing both the envelopes (i.e. Envelope 1 & Envelope 2 sealed separately) shall be addressed to the purchaser at the following address:

Project Director,
Telecommunications Consultants India Limited,
House No.D-112, Phase-IV, Arihant Hills,
Arihant Vihar Colony,
Vidisha.

Tel./Fax. 07592 – 233140

The envelopes should be superscribed “**Tender No.:** _____ **dated**
_____ **for** _____ and also
“Do not open before **July 20, 2011**”.

The tender may be sent by the tenderers by Courier/Speed-post, with the envelope marked as above. Alternatively, tenders may also be deposited by the tenderers in the o/o Project Director, Telecommunications Consultants India Limited, House No.D-112, Phase-IV, Arihant Hills, Arihant Vihar Colony, Vidisha.

The tender box shall be sealed at the stipulated deadline for submission.

The tender box shall be opened at the stipulated time of opening in the presence of intending bidder.

The names/designations of concerned officers who can be contacted are mentioned below:

(S. XAVIER)

Sr. Manager

Mob.9981161042

(SANJAY VATS)

Project Manager

Mob. 9981171043

- (i) The inner and outer envelopes shall indicate the name and address of the bidder to identify the bid and to enable the bid to be returned unopened in case it is declared ‘late’ or ‘rejected’.
- (ii) **VENUE OF TENDER OPENING:** Tender shall be opened in Project Director, Telecommunications Consultants India Limited, House No.D-112, Phase-IV, Arihant Hills, Arihant Vihar Colony, Vidisha at the time on the due date mentioned in the N.I.T. If due to administrative reason the venue of Bid opening is changed it will be duly displayed at the Reception Hall.
- (iii) Offer received through Fax/E-mail or through open letter shall be ignored.

2.24 OPENING OF PRICE OFFER

Price offer of only those bidder will be opened whose Techno-Commercial offers are found to be qualified and acceptable to TCIL. Bidder’s representative may attend the Price Offer opening. The qualified parties shall be notified with the date, time & venue of the opening of the Price Offer.

-END OF SECTION 2-

SECTION - 3

Tender No. TCIL/BPL/NIT/BKS/11-12/CIVIL/09/29

GENERAL (COMMERCIAL) CONDITIONS OF THE CONTRACT

3.1 PRICE APPLICABILITY

Prices in the Purchase Order shall remain valid for the period of delivery schedule or extended delivery schedule. In case of delayed supplies, after delivery period, the advantage of reduction of taxes/duties shall be passed onto the Purchaser and no benefit of increase will be permitted to the Supplier.

3.2 STANDARDS

The goods supplied under the contract shall conform to the standards mentioned in the Technical Specifications.

3.3 PATENT RIGHTS

The Supplier shall indemnify the Purchaser against all third party actions/claims of infringement of patent, trademark or industrial design rights arising from the use of goods or any part thereof.

3.4 PERFORMANCE SECURITY

3.4.1 Within 10 days of the Supplier's receipt of Letter of Award (LOA)/P.O., the Supplier shall furnish a Performance Security for the amount of 10% of the contract/P.O value.

3.4.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the contract.

3.4.3 The Performance Bond shall be in the form of Bank Guarantee issued by a Scheduled Bank situated in India and in the form provided by TCIL.

3.4.4 The Performance Bond will be discharged by the Purchaser after completion of the Supplier's obligations including any warranty obligations under the contract.

3.4.5 As regards validity of PBG, please refer to Special Conditions of the contract (Section-4).

3.5 INSPECTION AND TESTS

3.5.1 The Purchaser or its representatives or ultimate client shall have the right to inspect and test the goods for their conformity to the specifications. The Purchaser may also appoint an agency for this purpose. The technical specifications shall specify what inspection and tests the Purchaser requires and where they are to be conducted. Where the Purchaser decides to conduct such tests on the premises of the Supplier, all reasonable facilities and assistance like testing instruments and other test gadgets including access to the drawings and production data shall be furnished to the Inspector free of costs. In case the tested goods fail to conform to the specifications, the Inspector may reject them and the Supplier shall

either replace the rejected goods or make alteration necessary to meet the specifications requirements free of cost to the Purchaser.

3.5.2 Notwithstanding the pre-supply tests and inspections, the material on receipt in the Purchaser's premises shall also be tested and if any material or part thereof is found defective, the same shall be replaced free of cost to the Purchaser.

If any material before it is taken over is found defective or fails to fulfill the requirements of the contract, the Inspector shall give the Supplier notice setting forth details of such defects or failures and the Supplier shall make the material good or alter the same to make it comply with the requirements of the contract and in any case within a period not exceeding 2 months of the initial report. These replacements shall be made by the Supplier, free of the all charges, at the site(s).

3.5.3 As regards Inspecting Authority and other details please refer to Special Condition of the Contract (Section-4).

3.6 TRAINING (WHERE REQUIRED)

3.6.1 The Bidder shall provide training for installation and maintenance staff of the Purchaser free of cost, where required.

3.6.2 The Bidder shall specify in his bid the number of trainees, quantum of proposed training, pre-training qualifications required of the trainees and the duration of the proposed training required.

3.6.3 The Bidder shall provide all training materials and documents and aids.

3.6.4 Conduct of training of the Purchaser's personnel shall be at the suppliers' plant and/ or on-site in assembly start-up operation, maintenance and/or repair of the supplied goods.

3.7 WARRANTY

3.7.1 The Supplier shall give warranty that goods to be supplied shall be new and free from all defects and faults in material, workmanship, and manufacture and shall be of the highest grade and consistent with the established and generally accepted standards for materials of the type ordered and shall perform in full conformity with the specifications and drawings. The Supplier shall be responsible for any defects that may develop under the conditions provided by the supplier and under proper use, arising from faulty materials, design or workmanship such as corrosion of the equipment, inadequate contact protection, deficiencies in circuit design and or otherwise and shall remedy such defects at his own cost when called upon to do so by the Purchaser who shall state in writing in what respect goods are faulty. This warrantee shall survive inspection or payment for, and acceptance of goods, after the goods have been taken over.

However, the warranty period specified, if any, in the Special Condition of Contract (Section – 4) the same shall rule.

3.7.2 If it becomes necessary for the supplier to replace or renew any defective portion/portions of the equipment under this clause, the provisions of the clause shall apply to the portion/portions of equipment's replaced or renewed or until the end of the above-mentioned period of sixty months, whichever may be later. If any defect is not

- 3.7.3 remedied within a reasonable time, the Purchaser may proceed to get the work done at the Supplier's risk and expenses, but without prejudice to any other rights which the Purchaser may have against the Supplier in respect of such defects.
- 3.7.4 Replacement under warranty clause shall be made by the Supplier free of all charges at site including freight, insurance and other incidental charges.

3.8 CHANGE ORDERS

- 3.8.1 The Purchaser may at any time by written order given to the Supplier make changes within the general scope of the contract in any one or more of the following:-
- a) Drawings, designs or specifications where goods to be furnished under the contract are to be specifically manufactured for the Purchaser.
 - b) Method of transportation or packing.
 - c) Place of delivery.
 - d) Services to be provided by the supplier.
- 3.8.2 If any such change causes an increase or decrease in the cost or the time required for the execution of the contractor, an equitable adjustment shall be made in the contract price or delivery schedule or both and the contract shall accordingly be amended.

3.9 SUB-LETTING

The Bidder cannot assign or transfer and sub-contract its interest/ obligations under the contract without prior written permission of the Purchaser.

3.10 LIQUIDATED DAMAGES

- 3.10.1 The date of the delivery of the goods stipulated in the acceptance of tender should be deemed to be the essence of the contract and the delivery must be completed not later than the dates specified therein. Extension in delivery period will not be given except in exceptional circumstances. Should, however, deliveries be made after expiry of the contract delivery period and accepted by the consignee, such deliveries will not deprive the Purchaser of the right to recover Liquidated Damages.
- 3.10.1 In case the Supplier fails to supply the material against the order, the material shall be procured from other suppliers at the cost and risk of the Supplier and the excess money will be recovered from any dues of the party.
- 3.10.2 For late supplies, as liquidated damages, a sum equal to 2% of the price of any goods not delivered or total order value in case where part delivery is of no use to a Purchaser, for a week or part of a week subject to maximum limit of 10% of the total order will be recovered from the Supplier. The Purchaser also reserves the right to cancel the order in such cases and forfeit the EMD/Performance Bank Guarantee and may also debar the Supplier for future purchases.
- 3.10.3 LD can be recovered from any dues of the Supplier.

3.11 ARBITRATION

3.11.1 In the event of any dispute arising between TCIL and the Supplier in any matter covered by this contract or arising directly or indirectly therefrom or connected or concerned with the said contract in any manner of the implementation of any terms and conditions of the said contract, the matter shall be referred to the Chairman & Managing Director, TCIL who may himself act as sole arbitrator or may name as sole arbitrator an officer of TCIL notwithstanding the fact that such officer has been directly or indirectly associated with this contract and the provisions of the Indian Arbitration Conciliation Act, 1996 shall apply to such arbitration. The supplier expressly agrees that the arbitration proceedings shall be held at New Delhi.

3.11.2 The proceedings of arbitration shall be in English language:

3.11.3 In case any supplier wants to take the dispute to a court of law after arbitration award as aforesaid, it is clearly understood that only courts in Delhi shall have the Jurisdiction.

3.11.4 In case of Public Sector Undertaking/Government Departments

In the event of any dispute or difference relating to the interpretation and application of the provisions of the contracts with any Public Sector Undertaking / Government Department, such dispute or difference shall be referred by either party for Arbitration to the sole Arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The Arbitration and Conciliation Act, 1996 shall not be applicable to arbitration under this clause. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law & Justice, Government of India. Upon such reference, the dispute shall be decided by the Law Secretary or the Special Secretary / Additional Secretary, when so authorized by the Law Secretary, whose decision shall bind the Parties finally and conclusively. The Parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator.

3.12 RISK PURCHASE

3.12.1 In the event of Supplier's failure to execute the contract to the satisfaction of the Purchaser, the Purchaser reserves the right :

- (a) to reject any part of the Contract executed and withhold payment for such portion of the Contract till such time the defects are rectified to the satisfaction of the Purchaser.
- (b) to terminate the Contract by giving 2 weeks notice in writing without assigning any reason and to get the Contract executed by other agency at the risk and cost of the Supplier.

3.13 APPLICABLE LAWS

This contract shall be interpreted, construed and governed by the laws of the Republic of India and the parties hereby submit to the exclusive jurisdiction of the Court and to all Courts having jurisdiction in appeal there from.

Any dispute in relation to the contract shall be submitted to the appropriate Court of the Republic of India for determination. The parties to the contract shall continue to fulfill their respective obligations under the contract during the currency of the contract pending the final decision of the Court.

3.14 GENERAL LIEN

Whenever under this contract any sum of money is recoverable from and payable by the Supplier, the Company shall be entitled to recover such sum by appropriating in part or in whole the security deposit of the Supplier, if a security is taken from the Supplier. In the event of the Security being insufficient or if no security has been taken from the Supplier, the balance or the total sum recoverable, as may be, shall be deducted from any sum due to the Supplier or which at any time thereafter may become due to the Supplier under this or any other contract with the Company. Should this sum be not sufficient to cover the full amount recoverable, the Supplier shall pay to the Company on demand the remaining balance due.

3.15 PACKING

The supplier shall ensure that the Goods/Equipment is securely and adequately packed to ensure safe arrival at the destination fully withstanding all hazards such as rough handling etc. during transit.

3.16 REPLACEMENT OF DEFECTIVE EQUIPMENT

3.16.1 If any equipment or any part thereof, is found defective or fails to meet the requirements of the contract before it is accepted TCIL shall give the Supplier a notice setting forth details of such defects or failures and the Supplier shall forthwith arrange to set right the defective equipment or replace the same by the good one to make it comply with the requirements of the contract. This in any case shall be completed within a period not exceeding one month from the date of the initial report pointing out the defects. The replacement or rectification shall be made at site by the Supplier free of cost. Should the Supplier fail to do the needful within this stipulated time frame, the purchaser reserves the right to reject the equipment in full or in part and get it replaced at the cost of the Supplier. The cost of any such replacement made by the Purchaser shall be deducted from the amount payable to the Supplier against this purchase order.

3.16.2 If any equipment or part thereof is lost or rendered defective during transit, pending settlement of the insurance claim, fresh order shall be placed on the Supplier for such loss or defective equipment and the Supplier shall arrange to supply the same within three months of such order at the same prices and on the same general terms and conditions as mentioned in this purchase order.

3.17 FORCE MAJEURE

If any time, during the continuance of this contract, the performance in whole or in part by either party under obligation as per this contract is prevented or delayed by reasons of any war or hostility, act of the public enemy, civil commotion, sabotage, fire, flood, explosion, epidemic, quarantine restrictions, strike, lockout or acts of God (hereinafter referred to "eventuality"), provided notice of happening of any such eventuality is given by either party to the other within 21 days of the date of occurrence thereof, neither party shall be reason of such an "eventuality" be entitled to terminate this contract nor shall either party have any claim or damages against the other in respect of such non-performance or delay in performance and deliveries under the contract. The contract shall be resumed as soon as practicable after such "eventuality" has come to an end or ceased to exist. In case of any dispute, the decision of CMD, TCIL, shall be final and conclusive, provided further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reason of any such eventuality for a period exceeding 60 days, either party may at its option, terminate the contract. Provided also that if the contract is terminated under this clause the Purchaser shall be at liberty to take over from the Supplier at a price to be fixed by the Purchaser, which shall be final, all unused, undamaged and acceptable materials, bought out components and other stores in the course of manufacture which may be in the possession of the Supplier at the time of such termination, or such portion thereof as the Purchaser may deem fit except such material, as the Supplier may, with the concurrence of the Purchaser, elect to retain.

3.18 TERMINATION FOR DEFAULT

3.18.1 The Purchaser, may, without prejudice to any other remedy for breach of contract, by written notice of default, sent to the Supplier, terminate this contract in whole or in part.

- a) if the supplier fails to deliver any or all the goods within the time period (s) specified in the contract, or any extension thereof granted by the Purchaser .
- b) if the Supplier fails to perform any other obligation(s) under the contract; and
- c) if the Supplier, in either of the above circumstances, does not remedy his failure within a period of 15 days (or such longer period as the Purchaser may authorize in writing) after receipt of the default notice from the Purchaser.
- d) On a notice period of 30 days.

3.18.2 In the event the Purchaser terminates the contract in whole or in part pursuant to above para the Purchaser may procure, upon such terms and in such manner as it deems appropriate, goods similar to those undelivered and the Supplier shall be liable to the Purchaser for any excess cost for such similar goods. However, the Supplier shall continue the performance of the contract to the extent not terminated.

3.19 TERMINATION FOR INSOLVENCY

The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, without compensation to the supplier if the supplier becomes bankrupt or otherwise insolvent as declared by the competent court provided that such termination will not prejudice or effect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.

3.20 ADD ON/REPEAT ORDER

TCIL reserves the right to place Add on/Repeat order for additional quantity upto 100% of the original quantity at the same rate and terms & conditions of the purchase order within six months from the date of issue of purchase order.

- END OF SECTION 3 -

SECTION – 4

Tender No. TCIL/BPL/NIT/BKS/11-12/CIVIL/09/29

SPECIAL CONDITIONS

1) Price Basis

Supply installation commissioning & testing F.O.R. at our camp site Village Ghorawali, Tehsil Kurwai Distt Vidisha

2) Technical Specification

As per Section-6 of the Tender Document.

3) Payment Terms

80% payment shall be made on delivery of the goods on the basis of the certificate of acknowledgement that the goods have been received in good condition and as per requirement.

Balance 20% shall be payable after Three months of supply installation & commissioning at site.

No payment will be made for goods rejected during testing.

4) Paying Authority

Project Director,
Telecommunications Consultants India Limited,
House No.D-112, Phase-IV, Arihant Hills,
Arihant Vihar Colony,
Vidisha.

5) Inspection Authority

Project Manager,
Telecommunications Consultants India Limited,
House No.D-112, Phase-IV, Arihant Hills,
Arihant Vihar Colony,
Vidisha.

6) Spares

The bidder is required to furnish list of recommended spares along with reference price in a separate sheet. This will not form the part of evaluation.

7) Warranty

12 months from the date of commissioning.

8) Annual Maintenance Contract (AMC)

Bidder is required to quote AMC charges for post warranty period as an optional item. TCIL reserves the right to place purchase order after expiry of the warranty period at the quoted cost. Bidder is required to furnish the scope of work of comprehensive and non-comprehensive AMC. This will not form the part of evaluation.

9) Performance Bank Guarantee (PBG)

The bidder shall be required to furnish PBG for a value equivalent to 10% of contract value within 10 days of issue of letter of Award / purchase order and valid for the warranty period in the prescribed TCIL format issued by a scheduled Bank from its branch in Delhi.

10) Delivery Schedule

The supply installation and commissioning shall be completed within 60 days from 7th day of the date of issue of purchase order. The approved structural drawing shall be supplied to TCIL within 7 days of date of issue of award letter / purchase order and foundation in all respects shall be completed by TCIL within 45 days of receipt of structural drawing.

11) Liquidated Damages (LD)

2% per week of delayed services, subject to a maximum of 10% of the contract value.

- END OF SECTION 4 -

SECTION – 5

Tender No. TCIL/BPL/NIT/BKS/11-12/CIVIL/09/29

PRICE BID SCHEDULE

Item Description	Quantity	Rate	
		In figures	In words
Supply, Installation, Commissioning and Testing of Electronic Weighbridge (Pitless) 16m x 3m, 100 MT capacity on Bina – Kurwai – Sironj BOT Road Project in the state of Madhya Pradesh as per Technical specifications all as per instruction of Engineer-In-Charge.	1 No.		

Optional Items

Annual Maintenance Contract (AMC) (not a part of Evaluation)

Description	Rate	
	In figures	In word
Comprehensive AMC Charges for Post Warranty Period		
Non-Comprehensive AMC Charges for Post Warranty Period		

Note: Please furnish the Scope of Work of Comprehensive AMC Charges and Non-comprehensive Charges.

- END OF SECTION 5 -

SECTION - 6

Tender No. TCIL/BPL/NIT/BKS/11-12/CIVIL/09/29

TECHNICAL SPECIFICATIONS

SUPPLY, INSTALLATION, COMMISSIONING AND TESTING OF ELECTRONIC WEIGHBRIDGE (PITLESS) FOR 100 MT ON BINA – KURWAI – SIRONJ BOT ROAD PROJECT IN THE STATE OF MADHYA PRADESH.

A. Overall weighbridge Specifications

1	Type of weigh bridge	Compression Loadcell based electronic fully welded Weighbridge size 16m X 3m ,Capacity 80Tonnes , pitless type
2	Type of weighbridge terminal	Digital, microprocessor based terminal including PLC capabilities, vacuum fluorescent weight display.
3	Minimum graduation kg	10kg
4	Power supply	230V,50 Hz, Single Phase
5	Area of Classification	Safe
6	Overall Weighing accuracy	<+/- 0.05 percent
7	Overall capacity (Tonnes)	Continuous 20 percent of full-scale and with 20 percent impact protection in addition to the overload capacity
8	Maximum speed of vehicle pass over	10 km per hour
9	Loadcell	SS304, IP68K protection, Approved make compression type.
10	Loadcell (capacity and no. of loadcells)	8 loadcells , 30MT capacity each
11	Details of interface with PC	RS232C
12	Frequency of loading	40 trucks per hour or more

B. Specifications for Platform Structural – Size 16 mX3m, Capacity 80T

1	Material of construction of components	Mild Steel as per IS 2062
2	Main beams	Mild Steel IS2062
3	Cross Beams and transverse beams	Mild Steel IS2062
4	Deck Plate	Mild Steel IS2062
5	Platform design	Using STAAD 2004 software package, design outputs to be submitted by vendor
6	Platform Weight	10,000 kgs or above.
7	Platform Construction	Fully welded .Main beams welded to Cross beams and transverse beams for strength. Deck plates welded to cross beams and tranverse beams

8	Platform Size and Capacity	16m length , 3 m width , pitless type fabricated platform structure to weigh 100Ton trucks .Over load capacity of 20% with two coats of red oxide and two coats of synthetic enamel paint.
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C Indicator Technical Specifications and Features

ALPHA NUMERIC DIGITIZER CUM INTELLIGENT TERMINAL

The alphanumeric digitizer cum intelligent terminal is to be robust in nature to withstand harsh environmental conditions. It must be able to operate successfully over a wide temperature range and harsh environmental conditions. It must be able to can operate successfully over a wide temperature range also in humid weather.

The microprocessor based state-of-art technology, Sigma Delta type 24 Bit Analog to Digital conversion, Power supply incorporated with EMI-RFI filter & spike suppressor and inbuilt opto isolation of single & I/Os.

Specifications

Processor	8051 core micro controller
Processor clock	18 MHz
Real time clock	On board battery backed RTC
RTC Clock	32.768 KHz
Memory	128k for data storage with battery backup. Capable of storing 1530 weighthment records
Power supply	SMPS power supply
Input Voltage	90V to 270V AC @ 50Hz
Protection	a) 2.5A fuse for infut AC mains b) Input line filter for EMI and RFI suppression. Spike suppressor for input transients, Opto-isolation of signals and I/Os for high immunity from electrical noise.
Power Consumption	10 VA (approx.)
A/D converter	Sigma Delta type with 24 bit resolution
A/D Clock	2MHz
Conversion Speed	Internal 200 samples per second
Load cell excitation	7V DC with current capability to drive up to 8 load calls of 350 ohms input resistance
Input Signal	1 microvolt to 3 microvolt per division of weight (unit weight).
Display	16 characters by 2 line LCD display with backlight for displaying numerals and alphabets for data entry and 6 digit 1/2" RED LED numeric display.
Keyboard port	For connecting a standard IBM PC AT 101-key compatible keyboard.
Printer port	Isolated Centronics compatible printer port provided on rear panel for connecting 80 -column dot matrix printer for printing of weighthment record and reports.
Serial port	Isolated RS-232 serial port is provided for computer interfacing or

	driving remote displays.
Remote Display Port	Remote display port is provided to connect optional 1/2inch, 1inch, 2.3inch or 4inch bright red LED display to indicate the weight on the platform.
Environment	Operating temperature: 0 to 55 Celsius Humidity: upto 95% RH non-condensing.
Mechanical	Dimensions: 260 mm (w) x 270 mm (D) x 80mm (H) Weight : 4.4 kg

D. Load Cell Specification:

The cup and steel ball mounted mechanism is to be self restoring and self centering, Load Cell constructed in hardened tool steel, full mounted hardware's are provided with load cell. & assembly supplied along with weighbridge is pre-tested at load. The load cell shall have ingress protection of IP 68 (water, moister & weather proof)

1	Type of Load Cell	Double End Shear Beam
2	Standard Capacity	30 MT
3	Excitation Voltage	10 VDC- Maximum 15 VDC
4	Nominal Out Put	2.0 mV/V
5	Non – Linearity	< $\pm 0.025\%$ Full Scale Output
6	Hysteresis	< $\pm 0.02\%$ Full Scale Output
7	Non-repeatability	< $\pm 0.01\%$ Full Scale Output
8	Creep (30 minutes)	< $\pm 0.03\%$ Full Scale Output
9	Input Resistance	770 \pm 5 Ohms
10	Output Resistance	770 \pm 5 Ohms
11	Insulation Resistance (50 VDC)	> 1000 Mega Ohms
12	Cable Length (4 Core)	15 Mtr.
13	Safe Overload of Rated	150 %
14	Ultimate Overload of Rated	300 %
15	Allowable Side Load	50 %
16	Side Load Discrimination	500 : 1
17	Temp. Compensated Range	0-60°C
18	Temp. Effect on Output	<0.0015 % FSO/ °C
19	Temp. Effect on Zero	<0.0020 % FSO/ °C
20	Deflection	<0.5mm at FSO

E. Specifications for Mounting kits – 8nos

1	Material of Construction	MS
2	Assembly	Hardened spacers to be provided for self alignment and point contact
3	Safety Feature	Earth strap to be supplied

F Specifications for Interconnecting cable – 15 metres length

1	Number of Cores	6
2	Connection	6 wire connection method
3	Shielding	Overall cable shield with individual

		shield for measuring signal carrying wires.
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G Specifications for Junction Box – 1 nos

1	Protection Class	IP65
2	Surge Protection	Surge Arrestors provided within junction box
3	Material of Construction	Cast Aluminium
4	Connection type	Terminals on PCB mounted inside the junction box. No potentiometers will be allowed inside for corner error compensation due to their unreliability.
5	Glands for Cable Entry	Double Compression Type

Any other item not covered in these specifications and required for successful installation, commissioning & testing of the electronic weigh bridge is to be included for which nothing extra shall be paid.

Scope of work of the Bidder

1. Design, Selection and Engineering
2. Manufacturing
3. Installation Supervision
4. Testing weights to be supplied by the bidder
5. Calibration certificate from weights & measures department or concerned authority to be arranged by bidder
6. Loading and unloading to be arranged by bidder

Scope of Supply

- M.S. Load structure
- Alfa Numeric Indicator
- Junction Box
- DOT Matrix Printer two numbers
- Load cell
- Certificate from OEM regarding 4 years supply of spares for various items comprising the Weighbridge.

Scope of TCIL

- Civil foundation shall be done by TCIL but design & drawing to be supplied by bidder
- Construction supervision to be done by the bidder.

- END OF SECTION 6 -

SECTION - 7

Tender No. TCIL/BPL/NIT/BKS/11-12/CIVIL/09/29

PERFORMANCE BANK GUARANTEE (PBG Format)
(TO BE ISSUED BY A DELHI BRANCH)

**M/s Telecommunications Consultants India Ltd.,
TCIL Bhawan, Greater Kailash-I
New Delhi – 110 048 (INDIA)**

(With due stamp duty if applicable)

OUR LETTER OF GUARANTEE No. : _____

In consideration of TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED, having its office at TCIL Bhawan, Greater Kailash-I, New Delhi – 110 048 (INDIA) (hereinafter referred to as “TCIL” which expression shall unless repugnant to the content or meaning thereof include all its successors, administrators and executors) and having entered into an agreement dated _____/issued Purchase Order No. _____ dated _____ with/on M/s _____ (hereinafter referred to as “The Supplier” which expression unless repugnant to the content or meaning thereof, shall include all the successors, administrators, and executors).

WHEREAS the Supplier having unequivocally accepted to supply the materials as per terms and conditions given in the Agreement dated _____ /Purchase Order No. _____ dated _____ and TCIL having agreed that the Supplier shall furnish to TCIL a Performance Guarantee for the faithful performance of the entire contract, to the extent of 10% (ten percent) of the value of the Purchase Order i.e. for _____.

We, _____ (“The Bank”) which shall include OUR successors, administrators and executors herewith establish an irrevocable Letter of Guarantee No. _____ in your favour for account of _____ (The Supplier) in cover of performance guarantee in accordance with the terms and conditions of the Agreement/Purchase Order.

Hereby, we undertake to pay upto but not exceeding _____ (say _____ only) upon receipt by us of your first written demand accompanied by your declaration stating that the amount claimed is due by reason of the Supplier having failed to perform the Agreement and despite any contestation on the part of above named supplier.

This Letter of Guarantee will expire on _____ including 30 days of claim period and any claims made hereunder must be received by us on or before expiry date after which date this Letter of Guarantee will become of no effect whatsoever whether returned to us or not.

Authorized Signature
Manager
Seal of Bank

- END OF SECTION 7 -