



RAILTEL CORPORATION OF INDIA LIMITED

(A Govt. of India Undertaking)

LIMITED TENDER DOCUMENT

FOR

“Web based GIS System with Server Client based Architecture for RailTel Network”

(Single Packet System)

RailTel/LT/CO/NTP/GIS System /2020-21/538

SHORT TERM LIMITED TENDER NOTICE**Short Term Limited Tender Notice No. RailTel/LT/CO/NTP/GIS System /2020-21/538****Dated 15.07.2020**

RailTel Corporation of India Ltd. (RailTel) invites e-tenders online through e-nivida portal for **“Web based GIS System with Server Client based Architecture for RailTel Network”** from empanelled BA Partners under Software Category. The details are as under: -

a)	Last Date and Time of Submission of offer	Up to 15:00 hrs of 30.07.2020
b)	Time of opening of Limited Tender	15:30 hrs of 30.07.2020
c)	Validity of offer	60 days
d)	Delivery period	60 days
e)	Approximate value of the work	Rs. 25.96 lacs
f)	Earnest Money Deposit	Rs. 51,500/- (Online through e-tendering portal)
g)	Copy of Tender Document is enclosed herewith & also sent through email. All pages of original tender document duly signed by the tenderer along with the offer should be submitted online on RailTel e-nivida Portal https://railtel.enivida.com .	
h)	<p>For small scale units registered with NSIC/MSME under single point registration Scheme and participating in this tender enquiry, following exemptions are available:-</p> <p>They are exempted from depositing Earnest money. These exemptions are applicable provided units are registered with NSIC for tendered item and registration is current and valid. Firms claiming these exemptions are required to submit along with their offer, copy of their current and valid NSIC registration certificate for the tendered item, otherwise their offer would not be considered.</p>	
i)	The Limited Tender is invited from empanelled BA with RailTel under Software Category in the enclosed sheet (Annexure-I) who have already submitted their guarantee which is valid before floating of EOI and whose guarantees have been already verified from bank	

Himanshu Kumar
Joint General Manager/NTP
For & on behalf of
RailTel Corporation of India Ltd.

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CHAPTER-1

OFFER LETTER

RailTel Corporation of India Ltd.
Plate-A, 6th Floor, Office Tower-2,
NBCC Building, East Kidwai Nagar,
New Delhi-110023

1. I/We _____ have read the various conditions detailed in tender documents attached here to and hereby agree to ABIDE BY THE SAID CONDITIONS. I/We also agree to keep this offer open for acceptance for a period of 60 days from the date of submission and in default thereof, I/We will be liable for forfeiture of my/our Earnest Money. I/We offer to supply various equipment at the rates quoted in the attached schedules and hereby bind myself/ourselves to complete the work of **“Web based GIS System with Server Client based Architecture for RailTel Network”** within 60 days from the date of issue of Purchase Order. I/We also hereby agree to abide by the Various Conditions of Contract and to carry out the supplies according to the Specifications for materials and works laid down by RailTel.
2. A sum of **Rs** through **e-nivida Portal** herewith submitted as “Earnest Money”. The full value of Earnest Money shall stand forfeited without prejudice to any other rights or remedies if, I/We withdraw or modify the offer within validity period or do not deposit the security deposit (Performance Bank Guarantee) within **30 days** after issue of Purchase Order.

SIGNATURE OF SUPPLIER (S)

Date:

CONTRACTOR (S) ADDRESS

SIGNATURE OF WITNESS:

1.

2.

CHAPTER-2

SCHEDULE OF REQUIREMENT (SOR)

SN	Item Description	UOM	Qty	Unit Price (in Rs.)	IGST	CGST	SGST	Unit Rate (All inclusive) (in Rs.)	Total Cost (in Rs.)
				(a)	(b)	(c)	(d)	(e)	(f)
SOR-1	Supply Installation and commissioning of Web based GIS System with Server Client based Architecture for RailTel Network as per technical specification given in Chapter-3.	Lot	01						
SOR-2	Supply Installation and commissioning Mobile application for Survey as per requirement given in the Chapter-3	Nos	10						
Grand Total									

Signature of Tenderer

Note:

- (i) The bidder shall give the total composite price inclusive of all taxes. The price shall be firm in Indian Rupees.
- (ii) Unit rate quoted against SOR above should be CIP destination inclusive of all duties, taxes, insurance and freight etc.

CHAPTER-3

Technical Specifications

1. General GIS Requirement

1.1 Platform and applications

a) Landbase

- i. The solution must be able to overlay Google Maps as background map.
- ii. The chosen solution must be able to support Google street, satellite and hybrid map.
- iii. The solution shall have the capability to create and maintain vector format land base map, such as political boundaries, street, Buildings, address, etc.
- iv. System shall have pre-defined geographic vector map object data model and shall provide configuration tool to define additional or modify pre-defined map object data model.
- v. Proposed solution shall provide tool enable user to capture geographic vector map object.
- vi. Solution must be able to support raster images as background data.

b) Objects Display and Navigation

- i) Proposed solution must be able to export query result to various formats including Microsoft Word, Microsoft Excel, Microsoft Access, XML and CSV
- ii) Proposed solution must be able to define additional on-screen information which changes dynamically as user moves the pointer on map view.

c) Styles

- i) Proposed solution must be able to configure display style of objects including symbol, line types, areas and annotation etc.
- ii) Proposed solution must be able to specify individual object style based on different view scale. If required, individual object can show different symbol in different scales.
- iii) Proposed solution must be able to specify individual object style based on different attributes: lifecycle status, mounting etc.
- iv) Proposed solution shall provide symbol editor to create, modify and manage available symbols

d) Quality Management

The Proposed solution shall provide quality management tool which will check all components in current design to support data quality and integrity checks.

e) Import and Export of GIS Data

- i) The Proposed system shall provide the flexibility to export the Network & Map data into the standard GIS formats.
- ii) Proposed system shall provide the flexibility to import the external GIS files into the database.

f) Client Application - Web Client User Interface

- i) The Proposed solution shall provide web client to allow access to network data via modern web browser
- ii) Proposed solution must be able to display different view context, e.g. geographical.
- iii) Network data can be displayed on different base map: Google Maps™

- iv) Google MapsTM can be displayed as Google Streets, Google Hybrid, Google Satellite or Google Street ViewTM
- v) Network objects and external information can be display as layers which can be turned on/off
- vi) Display pop-over of object and location detail when asset is selected on map
- vii) Web client solution must be able to find objects using attributes and location using different custom configuration
- viii) Web client solution must be able to trace the network connectivity from selected asset and list result of connected equipment

g) Client Application - Desktop Client User Interface

- i) Proposed solution shall have a modern graphic user interface which provides standard facilities for:
 - o Basic Geographic Information System (GIS) functions such as zooming, panning, opening additional graphics windows
 - o Inserting, updating, undoing, deleting telecommunication equipment and facilities' geometries and attribute data
 - o Inserting, updating, undoing, deleting text or graphic annotations.
 - o Specifying the type of graphical objects to be displayed in different scales and drawing priorities.
 - o Querying, reporting and plotting telecommunication equipment and facilities objects
- ii) The desktop client must provide access to application functionality via toolbars and menus.
- iii) The desktop client shall provide a uniform procedure and dialog box for Inserting, updating, deleting telecommunication equipment and facilities' geometries and attribute data
- iv) Proposed solution shall be able to modify common physical attributes of a selected group of objects across a single dataset together.

h) Client Application - Mobile Client User Interface

- i) Proposed solution must be able to support data download and upload between field and back office on mobile app
- ii) System administrator shall be able to define data and attributes available to mobile app via configuration.
- iii) Proposed solutions must be able to support various mobile device interaction, e.g. GPS, camera etc.
- iv) Proposed solution must be able to support attach photo to location, asset and form with geo-tag and timestamp
- v) Proposed solution must be able to support customization.
- vi) Proposed solution must be able to support GIS data collection in the field.

i) Design and Workflow Management

- i) Proposed solution must be delivered with a set of pre-configured project/design types and state models.
- ii) Proposed solution must support an administrator user interface for workflow configuration.
- iii) The administration tool must support assignment of state models to project types.
- iv) Proposed solution shall be able to show the changes of a design, such as object added, deleted and modified with different symbol.

- v) Proposed solution shall be able to detect object changes in other completed design and notify user to refresh current project/design with the latest updates and changes made by other designers to the As-built network.
- vi) Proposed solution shall be able to generate bill of material data sheet according current design content. The bill of material shall be able to save as file that is accessible by web browser or Microsoft Excel.

j) Coordinate System

Proposed solution shall set of pre-configured standard geographic coordinate systems.

k) Annotation Configuration

Proposed solution must be able to automatically annotate objects in relation to object's attribute

l) Spatial Analysis

- i) It shall support all the spatial analysis like buffer analysis, Line analysis, point analysis, intersection analysis etc.
- ii) System should support analysing multiple sources of data

1.2 Telecommunication Inventory Requirement

a) General Requirements

- i) Images (all common formats)/ pdf/ xls etc file as an attachment against a network asset/ entity/ element can be uploaded for additional information, if required.
- ii) Proposed solution shall be able to model all necessary OSP equipment, cables and facilities that can cover following Network Types in both aerial and underground infrastructures:
 - Copper
 - Fiber
 - RF -Coaxial
 - Wireless
- iii) Proposed solution shall provide administrative tool to define topological connection relationship among object geometries. Only those object geometries defined as connectable can be connected.

b) Telecommunication Equipment & Facility Specification Management

Proposed solution shall have a general-purpose specification database and system which can keep detail specification of all equipment, cables and facilities.

c) Outside Plant Management (OSP)

- i) Proposed solution shall provide a comprehensive model for both overhead and underground strand and structure, and associated productivity tools.
- ii) Proposed solution shall allow positioning of underground & aerial structures at their true geographical location.
- iii) Cable geometry shall be able to be positioned at its true geographical location using the coordinates of the owning route and conduit network. In the other word, cable can be drawn inside its owning route without drawing on the map.

- iv) Cable connectivity and relationship with infrastructures shall be the same regardless if cable geometry is drawn on the map or positioned in infrastructure without drawing on the map.
- v) When a cable is selected, system shall be able to highlight its owning aerial and underground routes.
- vi) Proposed solution shall allow positioning of underground & aerial structures at their true geographical location.

d) Insite Plan Management

Proposed solution shall be capable to capture building geometry at its true geographical location

e) General Functional Requirement

- i) Proposed system shall be able to maintain the relationship among facilities and equipment.
- ii) Users and system administrators are able to select certain assets types (such as building, equipment room, equipment or conduits, etc.) and save these as templates for reuse (either by that user or by all users). These can be simple records such as a card, or single Manhole to complex location records with equipment contained within it.
- iii) User shall be able to change the status of each element.

f) Query

- i) System shall have capability to display the whole end to end connectivity by entering ODF/Equipment ID.
- ii) User shall be able to generate report in MS Excel from query result.

g) Reports and Plots

- i) Proposed solution shall be able to generate report in MS Excel or MS Word format.
- ii) Solution can generate cable route excel report.
- iii) Proposed solution can export all the materials that are used for laying of optical fibre network.
- iv) Proposed solution can generate all the GIS object captured on the basis of latitude and longitude.

h) Network Design Plot

- i) Network Design Plot shall be able to include legends, north arrows and scale bars, detail views, text, shapes, pictures and symbols associated to each individual map view.
- ii) Proposed solution shall provide a user-friendly tool for designing the Network Design Plot layout. User shall be able to save the layout design as a template for later use.

i) Network Feasibility

- i) Feasibility of Customer connectivity based on customer physical address and LAT/LONG coordinates for new customer/ connection or shifting of existing location.
- ii) The System must discover the shortest feasible path between the new location and the nearest feasible assets/ entities on the existing network (i.e. Fiber junction point, Splice closure, Site location, POP etc.) for physical connection.
- iii) Generate the BOM (Bill of Materials) Report on the basis of feasibility report and Cost Estimation report for the new connectivity provided unit rate for material & service are given.

- iv) System must have provisions to generate feasibility report for multiple sites (hundreds of sites) spread across India, by uploading/ executing a csv/ xls file containing LAT/ LONG of the locations.
- v) Option to give the network related feasibility by checking the Networks resources and its utilization

1.3 System Requirement

a) Web & Mobile Accessibility General Requirements

Proposed solution must have consistency of map appearance and symbols across all client applications.

b) Web Accessibility

- i) Proposed solution shall provide a user-friendly user interface that is accessible via modern web browser that support JavaScript and HTML5.
- ii) Proposed solution shall support user authorization and authentication.
- iii) Proposed solution shall be able to incorporate with web map services, such as Google Maps and OpenStreetMap, etc.
- iv) Network components and external information can be displayed as layers which can be turned on/off

c) Mobile Application

- i) Proposed solution must be able to support various mobile device interaction, e.g. GPS, camera etc.
- ii) Proposed solution must be able to support attach photo to location, asset and form with geo-tag and timestamp
- iii) Proposed solution must be able to support GIS data collection in the field.
- iv) Proposed solution shall support user authorization and authentication
- v) Proposed solution can upload between field and back office on mobile application.

1.4 General Technical Requirement

a) Data Management

- i) The solution must offer extensive filtering capabilities to isolate data.
- ii) The solution shall offer a variety of ways of finding physical resources, e.g. via searching using various attributes available for the resource type, or through geographic based searches.
- iii) The solution shall allow users to access the information through various views including data forms (text), various schematics, and maps.
- iv) The solution shall be able to view different levels of data in a different reporting structure and to track impact associated with change.
- v) The solution shall provide consistency checks through comprehensive field validation to ensure data quality and integrity.
- vi) The system will have to support the integrity among network hierarchy, contents and technological borders any time.
- vii) The solution shall show links between elements at different network layers

b) User Management

- i) Access to data and system functions shall be limited to authorized personnel.
- ii) Proposed solution shall provide a user login authentication and authorization process.

c) General Client Application Requirement

- i) The web-based application shall support the following browsers:
 - Google Chrome™
 - Mozilla® Firefox®
 - Microsoft® Internet Explorer®
 - Microsoft Edge
 - Apple® Safari® "

d) Scalability

- i) Proposed system may populate the data of various assets in future as its own, as per the pre-defined process.
- ii) Scalable to adopt the upcoming technology in GIS domain.
- iii) The solution must be able to scale enough to handle all sizes of network data.

CHAPTER-4

Commercial Terms & Conditions

1. Scope of work, Offer Letter and Validity of Offer:

- 1.1 Scope of Work for Bidder: Bidder should supply and install Web based GIS System with Server Client based Architecture.
- 1.2 The bidder shall complete the offer letter (Chapter 1) and the price schedule (SOR) furnished in the bid documents, indicating the goods to be supplied, description of the goods, associated technical literature, quantity and prices etc.
- 1.3 The offer should remain valid for a period of **60** days from the date of opening.

2. WARRANTY:

The materials covered in SOR are to be warranted for **36 months** from date of delivery to the consignee. Firm will provide support during the warranty period.

3. Delivery Period:

The selected firm will have to supply the licenses within 60 days of issue of confirmed LOA/PO.

4. Deleted

5. Bill passing & Paying Authority:

Accounting unit/bill passing unit for the supplies under SOR is Joint GM/NTP/CO. Bills to be submitted to the Joint GM/NTP for payment.

6. Payment Terms:

100% payment of the contract value shall be made after installation & commissioning and satisfactory operation of the work under the supervision of contractor. Payment will be done after submission of the following documents:

- i. Invoice.
- ii. Consignee's receipt
- iii. Warranty guarantee certificate of OEM
- iv. Performance Bank Guarantee

7. Performance Bank Guarantee (PBG):

- 7.1. The successful bidder has to furnish security deposit in the form of Performance Bank guarantee @ 10% of issued PO/ LOA value, the same should be submitted within 30 days of issue of LOA/PO, failing which a penal interest of 15% per annum shall be charged for the delay period i.e. beyond 30 (thirty) days from the date of issue of LOA/PO. This PBG should be from a Scheduled Bank and should cover warranty period plus three months for lodging the claim. The performance Bank Guarantee will be discharged by the Purchaser after completion of the supplier's performance obligations including any warranty obligations under the contract.

7.2. The Performa for PBG is given in Chapter 5, Form No. 1. If the delivery period gets extended, the PBG should also be extended appropriately.

7.3. The security deposit/PBG shall be submitted to Corporate Office & will bear no interest.

7.4. A separate advice of the BG will invariably be sent by the BG issuing bank to the RailTel's Bank through SFMS and only after this the BG will become acceptable to RailTel. It is therefore in interest of bidder to obtain RailTel's Bank IFSC code, Its branch and address and advise these particulars to the BG Issuing bank and request them to send advice of BG through SFMS to the RailTel's Bank.

7.5. The security deposit/Performance Bank Guarantee shall be released after successful completion of Contract, duly adjusting any dues recoverable from the successful tenderer. Security Deposit in the form of DD/Pay Order should be submitted in the favour of "Railtel Corporation of India Limited" payable at New Delhi Only.

7.6. Any performance security upto a value of Rs. 5 Lakhs is to be submitted through DD/Pay order / online transfer only.

8. Taxes & Duties:

8.1. Tenderer should submit offer on CIP destination basis. Tenderers should clearly indicate separately ex-works basic price, packing charges, forwarding charges, CGST/SGST/IGST/GST, Freight and insurance charges up to destination, applicable for each unit tendered.

8.2. Deleted

8.3. RailTel will be claiming CENVAT credit from the relevant authorities, wherever applicable, based on documentary evidence of duties and taxes submitted by the contractors.

8.4. Tenderer should submit firm price offer. Price quoted by the bidder shall remain fixed during the entire period of contract. The offer shall be firm in Indian Rupees. No Foreign exchange will be made available by the purchaser.

9. Liquidated Damages:

The timely delivery is the essence of this contract. Liquidated damages will be applicable at the rate of half percent per week or part thereof for undelivered portion subject to a maximum of 10 % of the cost of unsupplied quantities/material.

10. Transportation:

The rates quoted should be F.O.R. destination. The destination shall be the nominated Depots of RailTel Regional office as indicated in LOA/PO.

11. Statutory Deduction:

These will be made at source at the time of making payment as per the prevalent rules.

12. Purchaser's Right to Accept or Reject Bid:

12.1. The purchaser reserves the right to accept or reject bid, and to annul the bidding process, at any time prior to award of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected bidder on the grounds for the Purchaser's action.

12.2. Issue of Letter of Acceptance (LOA/PO)

The bidder shall within 7 days of issue of the LOA/PO, give his acceptance for LOA/PO.

13. BID PRICES:

- 13.1.** The price quoted in the offer should be firm, fixed indicating the breakup and inclusive of all taxes & duties like import, custom, Anti-Dumping, CGST, SGST, IGST, UTGST etc. The offer should be inclusive of packing, forwarding, freight up to destination, insurance charges.
- 13.2.** The bidder shall quote all-inclusive rates, but there shall be break up of basic price and all type of applicable taxes such as CGST, SGST, IGST, UTGST along with respective HSN/SAC Code under GST Law (including tax under reverse charges payable by the recipient).
- 13.3. FALL CLAUSE:** The firm shall undertake that in case the firm offers same material at a lower price to any other purchaser including Central/State/Government Organization or Public Sector Undertaking, during the validity of Rate Contract, the equal benefit of lower prices will be passed on to RailTel.
- 13.4.** The price quoted by the bidder shall remain fixed during the entire period of contract and shall not be subject to variation on any account.

14. Clause wise Compliance:

Clause wise compliance statement of the Terms & Conditions shall be enclosed with the offer along with the technical literature of the material and other documents in support of relevant clause.

15. Inspection:

deleted.

16. FORCE MAJEURE

Force majeure shall mean-

- War, hostilities (whether war be declared or not), invasion, act of foreign enemies.
- Rebellion, revolution, insurrection, or military or usurped power, or civil war.
- Ionizing radiation, or combination by radio activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio active toxic explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof.
- Presumed waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds.
- Riot, commotion or disorder, unless solely restricted to employees of the Contractor or of his subcontractors and arising from the conduct of the works.
- Loss or damage due to the use or occupation by the Employer of any section or part of the Permanent Works, except as may be provided for in the Contract.
- Loss or damage due to the extent that it is due to the design of the Works, other than any part of the design provided by the Contractor or for which the Contractor is responsible, and
- Any operation of the forces of nature against which an experienced contractor could not reasonably have been expected to take precautions.

17. SETTLEMENT OF DISPUTES

In case of any dispute concerning this order both the supplier and RailTel shall try to settle the same amicably through mutual discussion/negotiations. Any unsettled dispute shall be settled in

terms of Indian Act of Arbitration and conciliation 1996 or any amendment thereof. Place of arbitration shall be New Delhi. Arbitrator shall be appointed by Managing Director, RailTel Corporation of India Limited.

18. Earnest Money Deposit (EMD)/ Bid Security:

- 18.1.** The bidder shall furnish a sum as given in above Tender Notice as Earnest online through e-nivida portal.
- 18.2.** The EMD may be forfeited if a bidder withdraws his offer or modifies the terms and conditions of the offer during validity period and in the case of a successful bidder, if the bidder fails to accept the Purchase order and fails to furnish performance bank guarantee (security deposit) in accordance with clause 7.
- 18.3.** Offers not accompanied with Earnest Money shall be summarily rejected.
- 18.4.** Earnest Money of the unsuccessful bidder shall be returned after finalization of contract and award of contract to the successful tenderer after conclusion of Contract.
- 18.5.** The successful bidder's EMD will be discharged upon the bidder's acceptance of the purchase order satisfactorily and furnishing the performance bank guarantee in accordance with clause 7.
- 18.6.** Earnest Money will bear no interest

19. GOVERNING LAWS

This contract shall be interpreted in accordance with the laws of India. The courts at New Delhi shall have exclusive jurisdiction to entertain and try all matters arising out of this contract.

20. TERMINATION FOR DEFAULT

- 20.1.** 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 of the goods within the time period(s) specified in the contract.
 - b) If the supplier fails to perform any other obligation(s) under the contract; and
 - c) If the supplier, in either of the above circumstance(s) does not remedy his failure within a period of 30 days (or such longer period as the Purchaser may authorize in writing) after receipt of the default notice from the Purchaser.
- 20.2.** In the event the Purchaser terminates the contract in whole or in part, pursuant to para 19.1 the Purchaser may proceed, 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 performance of the contract to the extent not terminated.

21. 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 affect nay right of action or remedy which has accrued or will accrue thereafter to the Purchaser.

22. Bid Submission and Opening Date:

- 22.1.** The bid should be submitted online with all the required documents and Annexures mentioned in the tender along with supporting documents.
- 22.2.** All the documents, Annexures and supporting documents should be duly signed and stamped. The bid should consist of following
- a.** Power of attorney in favour of the signatory duly authorizing the signatory. Original copy is need to be submitted by the successful bidder before issuance of LOA.
 - b.** Complete Tender documents, digitally signed or duly signed & stamped on each page in token of acceptance should be submitted online.
 - c.** Compliance statement for acceptance of Technical specification (Chapter 3) & Commercial Terms & Conditions (Chapter 4).
 - d.** Cost breakup of price indicating Basic rate, Packaging & Forwarding, CGST/SGST/IGST, Insurance etc.
 - e.** Nil Deviation Statement.

Note: Non submission of the above-mentioned documents may lead to rejection of the bid.

23. Evaluation of Offer:

“For the purpose of relative ranking of offers, all-inclusive value for entire supply, transportation to site, supervision of installation, testing & commissioning and warranty period support, training etc.

The bidders should quote for all items & the offer will be evaluated on overall basis.

24. Security Considerations & Security Agreement

The directives issued from time to time by the Department of Telecommunications (DoT), Ministry of Communications and IT or any other Ministry of Govt. of India on security considerations shall be applicable to the present tender. Accordingly, as per the extent amendment of the National Long Distance (NLD) Service License Agreement for Security related concerns for expansion of Telecom Services in various zones of the country issued vide Department of Telecommunication, Ministry of Communication and IT, Govt. of India's letter no. 10-54/2010-CS-III (NLD) dated: 31.05.2011, you shall comply with the provisions stated in the above mentioned directive of DoT and shall have to enter into an agreement with RailTel as per the mutual agreement between Telecom Service Provider and the vendor of equipment, product and services (based on template, available on DoT website) covering all relevant clauses. You must submit a declaration along with their bid in this regard

25. GST related clause:

- 25.1** If any tenderer desires to ask for CGST/SGST/IGST/GST to be paid extra, the same must be specifically stated. In the absence of any such stipulation in the tender it will be presumed that the prices quoted by the tenderer are inclusive of all taxes and no liability for payment of the CGST/SGST/IGST/GST will be devolved upon the purchaser.
- 25.2** CGST/SGST/IGST/GST should be quoted extra if applicable.

- a) While quoting the rates, tenderer should pass on (by way of reduction in prices) the set off/input tax credit that would become available to them duly stating the quantum of such credit per unit of the item quoted for.
- b) The tenderer while quoting for tenders should give the following declaration:

“We agree to pass on such additional set off/input tax credit as may become available in future in respect of all the inputs used in the manufacture of the final production in price and advise the purchaser accordingly”.

The supplier while claiming the payment shall furnish the following certificate to the paying authority.

“We hereby declare that additional set off/input tax credit to the tune of Rs. _____ has accrued and accordingly the same is being passed on to the purchaser and to that effect the payable amount may be adjusted.”

If any surcharge on tax is applicable the same should be indicated clearly.

- 25.3** The price quoted in the offer should be firm, fixed indicating the breakup and inclusive of all taxes & duties like import, custom, Anti-Dumping, CGST, SGST, IGST, UTGST etc. The offer should be inclusive of packing, forwarding, freight up to destination, insurance charges.
- 25.4** Bidder shall issue valid tax invoice to RailTel for availing proper credit of CGST, SGST, IGST, UTGST incase of award of Contract. GST will not be reimbursed in the absence of valid tax invoice.
- 25.5** For all the taxable supplies made by the vendor, the vendor shall furnish all the details of such taxable supplies in the relevant returns to be filed under GST Act.
- 25.6** If the vendor fails to comply with any of the above, the vendor shall pay to purchaser any expense, interest, penalty as applicable under the GST Act.
- 25.7** In case of incorrect reporting of the supply made by the vendor in the relevant return, leading to disallowance of input credit to purchaser, the vendor shall be liable to pay applicable interest under the GST Act to the credit of purchaser. The same provisions shall be applicable in case of debit/credit notes.
- 25.8** Tenderer shall quote all inclusive rates, but there shall be break up of basic price and all type of applicable taxes such as CGST, SGST, IGST, UTGST along with respective HSN/SAC Code under GST Law (including tax under reverse charges payable by the recipient).
- 25.9** Wherever the law makes it statutory for the Purchaser to deduct any amount towards GST at sources, the same will be deducted and remitted to the concerned authority.
- 25.10** In regards to work contract, the tenderer should have registration no. for GST in respective state where work is to be executed and shall furnish GST registration certificate along with Tender.

- 25.11** The imposition of any new tax and/or increase/in the aforesaid taxes, duties levies, after the last stipulated date for the receipt of tender including extensions if any and the bidder there upon necessarily and properly pays such taxes/levies/cess, the bidder shall be reimbursed the amount so paid, provided such payments, if any, is not, in the opinion of RailTel attributable to delay in execution of work within the control of bidder. The bidder shall, within a period of 30 days of the imposition of any such tax or levy or cess, give a written notice thereof to RailTel that the same is given pursuant to this condition, together with all necessary information including details of imput credit relating thereto. In the event of non-payment/default in payment of any of the above taxes, RailTel reserves the right to with-hold the dues/payments of bidder and make payment of State/Central Government authorities as may be applicable. However, if the rates are reduced after the last stipulated date for receipt of tender, bidder has to pass on the benefits to RailTel.

CHAPTER-5

Form No. 1

Performa for Performance Bank Guarantee

PERFORMANCE BANK GURANTEE BOND

(On Stamp Paper of Rs One Hundred)

(To be used by approved Scheduled Banks)

1. In consideration of the RailTel Corporation of India Limited, **Plate-A, 6th Floor, Office Block Tower-2, East Kidwai Nagar, New Delhi-110023** (Herein after called RailTel) having agreed to exempt (Hereinafter called “the said Contractor(s)”) from the demand, under the terms and conditions of an Agreement No. dated made between and for (hereinafter called “the said Agreement”) of security deposit for the due fulfillment by the said Contractor (s) of the terms and conditions contained in the said Agreement, or production of a Bank Guarantee for Rs. (Rs. only). We, (indicate the name of the Bank) hereinafter referred to as “ the Bank”) at the request of Contractor(s) do hereby undertake to pay the RailTel an amount not exceeding Rs. Against any loss or damage caused to or suffered or would be caused to or suffered by the RailTel by reason of any breach by the said Contractor(s) of any of the terms or conditions contained in the said Agreement.
2. We, Bank do hereby undertake to pay the amounts due and payable under this Guarantee without any demur, merely on demand from the RailTel stating that the amount is claimed is due by way of loss or damage caused to or would be caused to or suffered by the RailTel by reason of breach by the said Contractor(s) of any of terms or conditions contained in the said Agreement or by reason of the Contractor(s) failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.
3. We, bank undertake to pay to the RailTel any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s) / Supplier(s) in any suit or proceedings pending before any court or Tribunal relating thereto our liability under this present being, absolute and unequivocal.

The payment so made by us under this Bond shall be a valid discharge of our liability for payment there under and the Contractor(s) / Supplier(s) shall have no claim against us for making such payment.

We, Bank further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the RailTel under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till RailTel certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this Guarantee. Unless a demand or claim under the Guarantee is made on us in writing on or before the (1) We shall be discharged from all liability under this Guarantee thereafter.

We,.....We,
(indicate the name of Bank) Further agree with the RailTel that the RailTel shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the Agreement or to extend time of to postpone for any time or from time to time any of the powers exercisable by the RailTel against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from our liability by reason of any such variation, or extension to the said Contractor(s) or for any forbearance, act or omission on the part of RailTel or any indulgence by the RailTel to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have affect of so relieving us.

This Guarantee will not be discharged due to the change in the Constitution of the Bank or the Contractor(s) Supplier(s).

(indicate the name of Bank) lastly undertaken not to revoke this Guarantee during its currency except with the previous consent of the RailTel in writing.

Dated the day of 2015

for

(Indicate the name of the Bank)

Witness

1. Signature
 Name

2. Signature
 Name

CHAPTER-6

E-tendering Instructions to Bidders

Instructions for Online Bid Submission:

1. Following are the instruction for online bid submission as per the term and conditions:

The bidders are required to submit soft copies of their bids electronically on the e-tender Portal, using valid Class 3 Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the e-tender Portal, and submitting their bid online on the e-tendering portal as per uploaded bid. **Prepare their bids in accordance with the requirements and submitting their bids online on the e-tender Portal.**

More information useful for submitting online bids on the e-tender Portal may be obtained at:

<https://railtel.enivida.com>

2. REGISTRATION:

- a) Bidders are required enroll on the e-Procurement Portal (URL: <https://railtel.enivida.com>) with clicking on the link "Online bidder Registration" on the e-tender Portal by paying the Registration fee of Rs.2360/- Per vendor/per year.
- b) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- c) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication with the bidder.
- d) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate **(Only Class III Certificates with signing + encryption key usage)** issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
- e) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- f) Bidder then logs in to the site through the secured log-in by entering their user ID /password and the password of the DSC / e-Token.
- g) **The scanned copies of all original documents should be uploaded in pdf format on portal <https://railtel.enivida.com>.**
- h) **After completion of registration payment, you need to sends your acknowledgement copy on our help desk mail id ewizardhelpdesk@gmail.com for activation of your account.**

SEARCHING FOR TENDER DOCUMENTS:

- a) There are various search options built in the RailTel Corporation Of India Limited e-tender Portal, to facilitate bidders to search active tenders by several parameters.
- b) Once the bidders have selected the tenders they are interested, they can pay the processing fee Rs 7500/- + 18% GST (NOT REFUNDABLE) by net-banking / Debit / Credit card. After that respective contractor/Vendor may download the required documents / tender schedules, Bid documents etc. Once you pay both fee tenders will be moved to the respective 'requested' Tab. This would enable the e- tender Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

PREPARATION OF BIDS

- a) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.
- c) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF formats. Bid Original documents may be scanned with 100 dpi with colored option which helps in reducing size of the scanned document.
- d) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Documents" available to them to upload such documents.
- e) These documents may be directly submitted from the "My Documents" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- a) Bidder should log into the website well in advance for the submission of the bid so that it gets uploaded well in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- b) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document as a token of acceptance of the terms and conditions laid down by RailTel.
- c) Bidder has to select the payment option as "Online Payment" to pay the tender fee / EMD as applicable and enter details of the instrument.

- d) Bidder should submit the EMD online as per the instructions specified in the tender document. In case of non-submission of EMD amount online, the uploaded bid will be summarily rejected.
- e) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white Colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- f) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- g) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- h) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- i) Upon the successful and timely submission of bid click "Complete" (i.e. after Clicking "Submit" in the portal), the portal will give a successful Tender submission acknowledgement & a bid summary will be displayed with the unique id and date & time of submission of the bid with all other relevant details.
- j) The tender summary has to be printed and kept as an acknowledgement of the submission of the tender. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to e-tender Portal in general may be directed to the 24x7 Helpdesk Support.

Please feel free to contact RailTel E-Nivida Helpdesk (as given below) for any query related to e-tendering.

1. Helpdesk
2. Mr. Amrendra (9355030628)
3. Mr. Birendra Kumar (09205898228)

RailTel Contact-1 (for general Information)

Rajeev Kumar, AGM/NTP
Mail id : rajeevkumar@railtelindia.com
Phone No. 011-22900600

RailTel Contact-II (for general Information)

Himanshu Kumar, JGM/NTP
Email id: himanshu@railtelindia.com
Phone No.: 011-22900600

2. Bid related Information for this Tender

The entire bid-submission would be online on RailTel E-Nivida Portal.

Broad outline of submissions are as follows:

1. Submission of Bid Security/ Earnest Money Deposit (EMD)
2. Submission of digitally signed copy of Tender Documents/Addenda
3. Single Packet
4. Online response to Terms & Conditions of Tender.
5. (Optional) Online Submission of modification, substitution bids for technical or financial parts, or withdrawal bid.

NOTE: Bidder must ensure that the bid must be successfully submitted online as per instructions of RailTel E-Nivida Portal.

3. Online Submissions:

The bidder is required to submit all the relevant documents online only with the following documents.

- a) EMD submission as per details mentioned in EoI notice.
- b) Tender Cost submission as per details mentioned in EoI notice.
- c) Power of attorney to be submitted online. The Original copy is needed to be submitted by the successful bidder before issuance of LOA.
- d) In case bidder happens to be an MSE bidder, the documentary evidence for same shall be submitted on line.

4. Submission of Eligibility Criteria related documents

Eligibility criteria related documents as applicable shall also be scanned and submitted ON LINE

NOTE: In case of internet related problem at a bidder's end, especially during 'critical events' such as - a short period before bid-submission deadline, during online public tender opening event, during e-auction, it is the bidder's responsibility to have backup internet connections.

In case there is a problem at the e-procurement/ e-auction service provider's end (in the server, leased line, etc.) due to which all the bidders face a problem during critical events, and this is brought to the notice of RailTel by the bidders in time, then RailTel will promptly re-schedule the affected event(s).

5. Instructions for Tender Document TO THE BIDDERS

The RailTel Tenders are published on www.railtelindia.com and on RAILTEL E-NIVIDA Portal <https://railtel.enivida.com/>.

NOTE: For online bid submission the bidder will have to necessarily download an official online copy of the tender documents from RAILTEL E-NIVIDA portal, and this should be done well before the deadline for bid-submission.

6. Submission of Offers and Filling of Tender:

This e-tender should be duly submitted online using the e-Procurement Portal <https://railtel.enivida.com/>. For detailed instructions please refer to RAILTEL E-NIVIDA Portal.

7. Attendance of Representatives for Tender Opening:

Representatives of bidders desirous to attend the tender opening can do so on production of a proper letter of authority from the respective firm, failing which they may not be allowed to attend the tender opening. Authorized representatives of those firms who have submitted the tender documents alone shall be allowed to attend the tender opening.

8. e- Reverse Auction: Deleted.

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Annexure-I

List of Empanelled Partners

SN	Company Name
1	Indtel Solutions Pvt. Ltd.
2	Bitcomm Technologies Pvt. Ltd.
3	Sirgrace Technologies Pvt. Ltd.
4	IIC Technologies Ltd.
5	Delta Peripheral Systems Pvt. Ltd.
6	Mount Talent Consulting Pvt. Ltd.
7	Exato Technologies OPC Pvt Ltd
8	Macro Systems Pvt. Ltd.
9	IT Wings Infosystem Pvt Ltd
10	NIA Software India Pvt Ltd