

रेलटेल कार्पोरेशन ऑफ इंडिया लिमिटेड RailTel Corporation of India Limited

Expression of Interest for Selection of System Integrator

For

"Setting up of LTE Test Bed, VoIP based Control Communication System Lab, PA System Lab, Upgradation of Audio and Video Systems at IRISET, Improvements to Transmission Lab and Train Traffic Control Lab at IRISET"

Electronic Eol Document

Expression of Interest

Eol No: - RailTel/SR/SC/Mktg/2023/Eol/IRISET-LTE

EXPRESSION OF INTEREST NOTICE

e-Eol No. RailTel/SR/SC/Mktg/2023/Eol/IRISET-LTE

RailTel Corporation of India Ltd. (RailTel) invites bids against e-Eol from RailTel's Empanelled Business Associates, Digital Service Providers, Consultants for Selection of System Integrator for the work of Setting up of LTE Test Bed, VoIP based Control Communication System Lab, PA System Lab, Upgradation of Audio and Video Systems at IRISET, Improvements to Transmission Lab and Train Traffic Control Lab at IRISET as per DY.CSTE/PROJ/T/SC Tender and its corrigenda

The details are as under: -

| a) | Closing date for Submission of e-Bids | Up to 15:00 hrs. of 28.05.2023 (online) |
|----|---------------------------------------|--|
| b) | Date of opening of E-Bids | Up to 15:30 hrs. of 28.05.2023 (online) |
| c) | Earnest Money Deposit (EMD) # | Rs. 2,90,700.00 in the form of Bank Guarantee as per format in Form-12 Chapter-6. Validity of the BG should be 120 days from the Last Date of submission of Bid |
| d) | Cost of Eol Document | Nil |
| e) | e-Eol portal for Submission of Bids | https://railtel.eNivida.com |
| e) | Place of Opening of Eol | The Office of Executive Director, RailTel Corporation of India Ltd., 1-10-39 to 44, 6A, 6th Floor, Begumpet Airport Road, opp. Shoppers Stop, Begumpet, Hyderabad- 500 016 |

Note:

Eol Notice and link for Eol Document are available on RailTel's website and e-Eol portal https://railtel.eNivida.com for download. For online bid submission the bidder will have to necessarily download an official online copy of the Eol documents from e-Nivida Portal. All future Information viz. corrigendum/addendum/ amendments etc. for this Eol shall be posted on the RailTel's website and e-Eol Portal only. Printed copy of Eol document will not be sold from RailTel office. Bid will be submitted online on e-Nivida Portal only.

The bidder shall bear all costs associated with the preparation, submission/participation in the bid. RailTel in no way will be responsible or liable for these costs regardless of the conduct or outcome of the bidding process.

This EoI is covered under Integrity Pact Program of RailTel and bidders are required to sign the Integrity Pact and submit the same to RailTel along with the bids. EoI received without signed copy of the Integrity Pact document shall be liable to be **REJECTED**.

Hereinafter the Dy.CSTE/PROJ/T/SC Tender no Dy.CSTE/PROJECTS/T/SC TENDER NO: C-SG-PT-LTE-02 and its corrigenda/Addenda will be referred as "DY.CSTE/PROJ/T/SC Tender" and this EOI document will be referred as "EOI"

TABLE OF CONTENTS

| CHAPTER-1: OFFER LETTER | 4 |
|---|----|
| CHAPTER- 2: SCHEDULE OF REQUIREMENT (SOR) | |
| CHAPTER 2B: BoQ and Make and Model details | 7 |
| CHAPTER-3: SCOPE OF WORK AND TECHNICAL REQUIREMENTS | |
| CHAPTER- 4A: COMMERCIAL TERMS & CONDITIONS | 12 |
| CHAPTER- 4B: INSTRUCTIONS TO THE BIDDERS | 28 |
| CHAPTER- 5: BID DATA SHEET (BDS) | 32 |
| CHAPTER- 6: FORM(S)/ PROFORMA(S) | 34 |
| CHAPTER- 7 Specifications and requirements | 64 |
| CHAPTER-8: CHECK LIST | 65 |

CHAPTER-1: OFFER LETTER

| То |
|--|
| The Executive Director, |
| RailTel Corporation of India Ltd., |
| 1-10-39 to 44, 6A, 6th Floor, |
| Begumpet Airport Road, opp. Shoppers Stop, |
| Begumpet, Hyderabad- 500 016. |

| 1. | I/We have read the various con- |
|----|--|
| | ditions detailed in Eol documents and Dy. CSTE/Projects/Tele/SC Tender No: C-SG-PT-LTE- |
| | 02 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 90 days from the date of submis- |
| | sion and in default thereof, I/We will be liable for face action. I/We offer to do the work at the |
| | rates quoted in the attached schedules and hereby bind myself/ourselves to complete the |
| | work of subject EoI within timelines as specified in Dy.CSTE/PROJ/T/SC tender from the date |
| | of issue of LOA. I/We also hereby agree to abide by the Various Conditions of EoI/Con- |
| | tract/Dy.CSTE/PROJ/T/SC tender and to carry out the supplies/services according to the |
| | Specifications for items/materials and works laid down by RailTel. |

2. I/We have submitted the EMD in the form of Bank Guarantee and accept the conditions of the EMD clause. Action will be taken if,

I/We withdraw or modify the offer within validity period or do not deposit the PBG (Performance Bank Guarantee) after issue of LOA,

01

I/We do not execute the contract agreement within 15 days after receipt of notice issued by RailTel that such documents are ready,

or

I/We do not commence the work within 15 days after receipt of orders to that effect.

Until a formal agreement is prepared and executed the acceptance of this Eol document shall constitute a binding contract between us subject to modifications, as may be mutually agreed to between us and indicated in the "Letter of Acceptance" of my/our offer for this work.

SIGNATURE OF CONTRACTOR (S)

Date

SIGNATURE OF WITNESS

CONTRACTOR (S) ADDRESS

1.

2.

CHAPTER- 2: SCHEDULE OF REQUIREMENT (SOR)

Schedule of Requirement of EoI for LTE portion of IRISET LTE Test Bed

| | Item Code | | | | | | % | Amou |
|-----------|--------------------|---|---------|---------|--------------------|-----------------------|--|--|
| SI. No | RFP SOR Sloe | Schedule A-Telecom Works | Q ty | Uo M | Unit Rate (INR) | Basic Amount (INR) | quoted (Be- low/At Par/Ab ove) | nt af- ter Quote d % (INR) |
| 1 | 1 | Supply, installation, testing and commissioning of Standalone LTE Emulator similar to Spirent Landslide E10 to simulate and test all the functionalities of all the elements of LTE Network as per the specifications attached at S.No. 1 of the Annexure-A. (Inspection by Consignee) | 1 | No | 94,18,835 | 94,18,835 | | |
| 2 | 2 | Supply, installation, testing and commissioning of different makes of LTE eNodeB with Baseband unit:1 No and RRU: 1No with the necessary Softwares along with all the installation materials - Optical Fiber, SFP, Mounting kit etc. All the eNodeBs should be of different makes like Nokia, Ericsson, Samsung etc. Detailed Technical Specifications are attached vide S.No. 2 of Annexure-A. (Inspection by Consignee) | 4 | Lot | 14,91,048 | 59,64,192 | | |
| 3 | 3 | Supply, installation, testing and commissioning of Antenna System for eNodeB along with necessary cables, jumpers, splitters, attenuators and other installation materials. Detailed Technical Specifications are attached vide S.No. 3 of Annexure-A.(Inspection by consignee) | 4 | Lot | 1,57,176 | 6,28,704 | | |
| 4 | 4 | Supply, installation, testing and commissioning of Pole for the installation of RRUs & Antenna Assemblies. Detailed Technical Specifications are attached vide S.No. 4 of Annexure-A.(Inspection by consignee) | 4 | Lot | 16,992 | 67,968 | | |
| 5 | 5 | Description:- Supply, installation, testing and commissioning of Server Hardware for MCX Application. Detailed Technical Specifications are attached vide S.No. 5 of Annexure-A.(inspection by consignee) | 1 | No | 6,37,200 | 6,37,200 | | |
| 6 | 6 | Supply, installation, testing and commissioning of MCX Application Software. Detailed Technical Specifications are attached vide S.No. 6 of Annexure-A.(Inspection by consignee) | 1 | No | 19,11,600 | 19,11,600 | | |
| 7 | 7 | Supply of Standard 19" Rack Mountable IP-MPLS Router with Redundant -48V DC Power Supply, 2 x 10G (optical) SFP+ Ports along with 2 Nos of 40 Kms 10G SFP+, LC Modules, 4 x 1Gbe Optical interface Module along with 4 Nos of 1Gbe Single Mode Bi-Directional | 5 | No | 3,69,963 | 18,49,815 | | |

| | | Item Code | | | | | % | Amou |
|-----------|--------------------|--|---------|---------|--------------------|-----------------------|--|--|
| SI. No | RFP SOR Sloe | Schedule A-Telecom Works | Q ty | Uo M | Unit Rate (INR) | Basic Amount (INR) | quoted (Be- low/At Par/Ab ove) | nt af- ter Quote d % (INR) |
| | | SFP(10KMs) Modules and 4 x 1Gbe Copper based interfaces & Modules as per RDSO document No. STT/TAN/IPMPLS/2020 Ver.1 or latest. Detailed Technical Specifications are attached vide S.No. 7 of Annexure-A.(Inspection by consignee) | | | | | | |
| 8 | 8 | Supply, installation, testing and commissioning of ruggedised MCPTT LTE hand sets with necessary softwares (with battery and charger). Detailed Technical Specifications are attached vide S.No. 8 of Annexure-A.(inspection by consignee) | 4 | No | 47,790 | 1,91,160 | | |
| 9 | 9 | Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A.(inspection by consignee) | 1 | No | 7,96,500 | 7,96,500 | | |
| 10 | 10 | Description:- Supply, installation, testing and commissioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) | 2 | No | 5,31,000 | 10,62,000 | | |
| 11 | 11 | Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A.(inspection by consignee) | 2 | No | 4,24,800 | 8,49,600 | | |
| 12 | 12 | Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure- A.(inspection by consignee) | 2 | No | 4,24,800 | 8,49,600 | | |
| 13 | 13 | Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary softwares and accessories. Detailed Technical Specifications are attached vide S.No. 13 of Annexure-A.(Inspection by consignee) | 2 | No | 8,49,600 | 16,99,200 | | |
| 14 | 14 | Description:- Supply, installation, testing and commissioning of KVM switch. Detailed Technical Specifications are attached vide S.No. 14 of Annexure-A.(Inspection by consignee) | 2 | No | 80,712 | 1,61,424 | | |
| 15 | 15 | Description:- Supply and installation of 19", 42U, 1200 mm depth Telecom Rack with standard accessories. It shall be closed type with front door glass type, all doors shall be removable. Detailed Technical Specifications | 5 | No | 43,980 | 2,19,900 | | |

| | | Item Code | | | Unit Rate (INR) | | % | Amou |
|-----------|--------------------|--|---------|----------------------|--------------------|-----------------------|--|--|
| SI. No | RFP SOR Sloe | Schedule A-Telecom Works | Q ty | Uo M | | Basic Amount (INR) | quoted (Be- low/At Par/Ab ove) | nt af- ter Quote d % (INR) |
| | | are attached vide S.No. 15 of Annexure-A.(inspection by consignee) | | | | | | |
| 16 | 16 | Description:- Supply, installation, testing and commissioning of SIM Cards as per the specifications attached vide S.No. 16 of Annexure-A.(inspection by consignee) | 2 0 | No | 1,062 | 21,240 | | |
| 17 | 19 | Description:- Survey, design, project management, logistics, cabling and integration of EPC, eNodeB, Routers, Despatcher Servers, Despatcher Clients, MCX Servers and LTE Fixed and Mobile terminals to make a complete LTE Lab Set up. Detailed Technical Specifications are attached vide S.No. 19 of Annexure-A. | 1 | LS | 10,62,000 | 10,62,000 | | |
| 18 | 20 | Description:- Imparting of training on LTE Technology and Systems Detailed Technical Specifications are attached vide S.No. 20 of Annexure-A. | 9 | Ma n- Da ys | 6,372 | 5,73,480 | | |
| 19 | 54 | Description:- Supply and installation of Portable Network Analyser with Wireshark network analyser tool with the following specification: Intel i7 processor, 16 GB RAM, 512 GB SSD, Windows 11 OS, Aluminium chassis and metallic hinges. Detailed Technical Specifications are attached vide S.No. 55 of Annexure-A. (Inspection by Consignee) | 2 | No | 91,124 | 1,82,248 | | |
| | | Total Amount | | | | 2,81,46,666 | | |

CHAPTER 2B: BoQ and Make and Model details

Bidder has to specify make and model against the each SOR item of Eol.

| SI. | RFP | Item Code | | | |
|-----|-------------|---|------|-------|--|
| No | SOR Sloe | Schedule A-Telecom Works | Make | Model | |
| 1 | 1 | Supply, installation, testing and commissioning of Standalone LTE Emulator similar to Spirent Landslide E10 to simulate and test all the functionalities of all the elements of LTE Network as per the specifications attached at S.No. 1 of the Annexure-A. (Inspection by Consignee) | | | |
| 2 | 2 | Supply, installation, testing and commissioning of different makes of LTE eNodeB with Baseband unit:1 No and RRU: 1No with the necessary Softwares along with all the installation materials - Optical Fiber, SFP, Mounting kit etc. All the eNodeBs should be of different makes like Nokia, Ericsson, Samsung etc. Detailed Technical Specifications are attached vide S.No. 2 of Annexure-A. (Inspection by Consignee) | | | |
| 3 | 3 | Supply, installation, testing and commissioning of Antenna System for eNodeB along with necessary cables, jumpers, splitters, attenuators and other | | | |

| No Sick Schedule A-Telecom Works installation materials. Detailed Technical Specifications are attached vide S.No. 3 of Annexure-A, (Inspection by consignee) Supply, installation, testing and commissioning of Pole for the installation of RRUs & Antenna Assemblies. Detailed Technical Specifications are attached vide S.No. 4 of Annexure-A, (Inspection by consignee) Supply, installation, testing and commissioning of Server Hardware for MCX Application. Detailed Technical Specifications are attached vide S.No. 5 of Annexure-A, (Inspection by consignee) Supply, installation, testing and commissioning of MCX Application Software. Detailed Technical Specifications are attached vide S.No. 5 of Annexure-A, (Inspection by consignee) Supply, installation, testing and commissioning of MCX Application Software. Detailed Technical Specifications are attached vide S.No. 6 of Annexure-A, (Inspection by consignee) Supply of Standard 197 Rack Mountable IP-MPLS Router with Redundant 48V DC Power Supply, 2 x 10G (optical) SFP+ Ports along with 2 Nos of 40 Kms 10G SFP+, LD Modules, 4 x 10Be Optical Interface Module along with 4 Nos of 1Gbe Single Mode Bi-Directional SFP(IPKMs) Modules and 4 x 10Be Copper based interfaces & Modules and per service of the Copper based interfaces & Modules and service of the Copper based interfaces & Modules and service of the Copper based interfaces & Modules and 4 x 10Be Opper based interfaces & Modules and 4 x 10Be Opper based interfaces & Modules and 4 x 10Be Opper based interfaces & Modules and 4 x 10Be Opper based interfaces & Modules and 4 x 10Be Opper based interfaces & Modules and 4 x 10Be Opper based interfaces & Modules and 4 x 10Be Opper based interfaces & Modules and 4 x 10Be Opper based interfaces & Modules and 4 x 10Be Opper based interfaces & Modules and 4 x 10Be Opper based interfaces & Modules and 4 x 10Be Opper based interfaces & Modules and 4 x 10Be Opper based interfaces & Modules and 4 x 10Be Opper based interfaces & Modules and 4 x 10Be Opper based interfaces & | CI | RFP | Item Code | | |
|--|-----------|-----|---|------|-------|
| are attached vide S.No. 3 of Annexure-A. (inspection by consignee) Supply, installation, testing and commissioning of Pole for the installation of RRUs & Antenna Assemblies. Decaription: Supply, installation, testing and commissioning of Server Hardware for MCX Application. Detailed Technical Specifications are attached vide S.No. 4 of Annexure-A. (Inspection by consignee) Description: Supply, installation, testing and commissioning of Server Hardware for MCX Application. Detailed Technical Specifications are attached vide S.No. 5 of Annexure-A. (inspection by consignee) Supply, installation, testing and commissioning of MCX Application Software. Detailed Technical Specifications are attached vide S.No. 6 of Annexure-A. (Inspection by consignee) Supply of Standard 19º Rack Mountable IP-MPLS Router with Redundant -48º DC Power Supply, 2 x 10G (optical) SFP+ Ports along with 2 Nos of 40 Kms 10G SFP+. LO Modules, 4 x 1Gbe Optical Interface Module along with 4 Nos of 1Gbe Single Mode Bi-Directional SPr(10fMs) Modules and 4 x 1Gbe Copper based interfaces & Modules and 5 v 1Gbe Copper based interfaces & Modules and 9 v 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules and 4 x 1Gbe Copper based interfaces & Modules & Sho. 7 of Annexure-A. (| SI. No | | Schedule A-Telecom Works | Make | Model |
| by consignee) 4 4 4 4 5 4 6 6 7 6 7 8 7 8 7 8 8 9 8 9 9 9 9 9 9 9 9 9 9 9 | | | | | |
| Supply, installation, testing and commissioning of Pole for the installation of RRUs & Antenna Assemblies. Detailed Technical Specifications are attached vide S.No. 4 of Annexure-A. (inspection by consignee) Description-Supply, installation, testing and commissioning of Server Hardware for MCX Application. Detailed Technical Specifications are attached vide S.No. 5 of Annexure-A. (inspection by consignee) Supply, installation, testing and commissioning of MCX Application Software. Detailed Technical Specifications are attached vide S.No. 6 of Annexure-A. (Inspection by consignee) Supply of Standard 19" Rack Mountable IP-MPLS Router with Redundant -48V DC Power Supply, 2 x 10G (optical) SFP+ Ports along with 2 Nos of 40 Kms 10G SFP+, LC Modules, 4 x 16be Otpoer based interfaces & Modules and 4 x 16be Otpoer based interfaces & Modules and variety of the Comper based interfaces & Modules as per RDSO document No. STT/TANI/PMPL/S/202 Ver1 for latest. Detailed Technical Specifications are attached vide S.No. 7 of Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of ruggedised MCPTT LTE hand sets with necessary software (Inspection by consignee) Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Specifications are attached vide S.No. 8 of Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A. (Inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher Clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (Inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher Clients. (Dispatcher Client is a high end COTS All-i | | | , · · | | |
| 4 Detailed Technical Specifications are attached vide S.No. 4 of Annexure-A. (Inspection by consignee) Description: Supply, installation, testing and commissioning of Server Hardware for MCX Application. Detailed Technical Specifications are attached vide S.No. 5 of Annexure-A. (inspection by consignee) Supply, installation, testing and commissioning of MCX Application Software. Detailed Technical Specifications are attached vide S.No. 6 for Supply, installation, testing and commissioning of MCX Application Software. Detailed Technical Specifications are attached vide S.No. 6 of Annexure-A. (Inspection by consignee) Supply of Standard 19" Rack Mountable IP-MPLS Router with Redundant -48V DC Power Supply, 2 x 10G (optical) SFP+ Ports along with 2 Nos of 40 Kms 10G SFP+. LC Modules, 4 x 1 Gbe Optical interface Module along with 4 Nos of 16be Single Mode Bi-Directional SFP(10KMs) Modules and 4 x 16be Copper based interfaces & Modules as per RDSO document No. STT/TANIPMPL/S/202 Ver1 or latest. Detailed Technical Specifications are attached vide S.No. 7 of Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of ruggedised MCPTT LTE hand sets with necessary soft- wares (with battery and charger). Detailed Technical Specifications are attached vide S.No. 8 of Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A. (inspection by consigning of Dispatcher Clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software), Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description- Supply, installation, testing and commissioning of Dispatcher Clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Description- Supply | | | Supply, installation, testing and commissioning of Pole | | |
| S.No. 4 of Annexure-A. (Inspection by consignee) Description: Supply, installation, testing and commissioning of Server Hardware for MCX Application. Detailed Technical Specifications are attached vide S.No. 5 of Annexure-A. (inspection by consignee) Supply, installation, testing and commissioning of MCX Application Software. Detailed Technical Specifications are attached vide S.No. 6 of Annexure-A. (Inspection by consignee) Supply of Standard 19" Rack Mountable IP-MPLS Router with Redundant -48V DC Power Supply, 2 x 10G (optical) SPP+ Ports along with 2 Nos of 40 Kms 10G SFP+, LC Modules, 4 x 1Gbe Optical interface Module along with 4 Nos of 10be Single Mode Bi-Directional SFP(10KMs) Modules and 4 x 1Gbe Copper based interfaces & Modules as per RDSO document No. STT/TAN/IPMPLS/2020 Ver.1 or latest. Detailed Technical Specifications are attached vide S.No. 7 of Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of ruggelised MCPTT LTE hand sets with necessary softwares (with battery and charger). Detailed Technical Specifications are attached vide S.No. 8 of Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Specifications are attached vide S.No. 8 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher Clients (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (| 4 | 4 | | | |
| Description-: Supply, installation, testing and commissioning of Server Hardware for MCX Application. Detailed Technical Specifications are attached vide S.No. 5 of Annexure-A. (inspection by consignee) Supply, installation, testing and commissioning of MCX Application Software. Detailed Technical Specifications are attached vide S.No. 6 of Annexure-A. (Inspection by consignee) Supply of Standard 19° Rack Mountable IP-MPLS Router with Redundant -48V DC Power Supply, 2 x 10°C (optical) SFP+ Ports along with 2 Nos of 40 Kms 10°C SFP+. LC Modules, 4 x 10°Be Optical interface Module along with 4 Nos of 10°Be Single Mode Bi-Directional SFP(10°KMs) Modules and 4 x 10°Be Optical interface Module along with 4 Nos of 10°Be Single Mode Bi-Directional SFP(10°KMs) Modules and 4 x 10°Be Optical interface Module along with 4 Nos of 10°Be Single Mode Bi-Directional SFP(10°KMs) Modules and 4 x 10°Be Optical interface Module along with 4 Nos of 10°Be Single Mode Bi-Directional SFP(10°KMs) Modules and 4 x 10°Be Optical interface Module along with 4 Nos of 10°Be Single Mode Bi-Directional SFP(10°KMs) Modules and 4 x 10°Be Optical interface Module along with 10°Be Single Mode Bi-Directional SFP(10°KMs) Modules and 4 x 10°Be Optical interface Modules Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of ruggedised MCPTT LTE hand sets with necessary software. Software Detailed Technical Specifications are attached vide S.No. 10°C All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10°C All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 11°C Annexure-A. (inspection by consignee) Description-Supply, installation, t | | | | | |
| Supply, installation, testing and commissioning of MCX Application Software. Detailed Technical Specifications are attached vide S.No. 5 of Annexure-A. (Inspection by consignee) | | | Description:- Supply, installation, testing and commis- | | |
| 5 of Annexure-A. (inspection by consignee) Supply, installation, testing and commissioning of MCX Application Software. Detailed Technical Specifications are attached vide S.No. 6 of Annexure-A. (Inspection by consignee) Supply of Standard 19" Rack Mountable IP-MPLS Router with Redundant -48V DC Power Supply, 2 x 10G (optical) SFP+ Ports along with 2 Nos of 40 Kms 10G SFP+, LC Modules, 4 x 10Be Optical interface Module along with 4 Nos of 16De Single Mode Bi-Directional SFP(10KMs) Modules and 4 x 16De Copper based interfaces & Modules as per RDSO document No. STT/TAN/IPMPLS/2020 Ver.1 or latest. Detailed Technical Specifications are attached vide S.No. 7 of Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of ruggedised MCPTT LTE hand sets with necessary software (with battery and charger). Detailed Technical Specifications are attached vide S.No. 8 of Annexure-A. (inspection by consignee) Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Tuggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connec | 5 | 5 | | | |
| 6 Application Software. Detailed Technical Specifications are attached vide S.No. 6 of Annexure-A. (Inspection by consignee) Supply of Standard 19" Rack Mountable IP-MPLS Router with Redundant -48V DC Power Supply, 2 x 10G (optical) SFP+ Ports along with 2 Nos of 40 Kms 10G SFP+, LC Modules, 4 x 1 Gbe Optical interface Module along with 4 Nos of 1Gbe Single Mode Bi-Directional SFP(10KMs) Modules and 4 x 1 Gbe Copper based interface & Modules as per RDSO document No. STT/TAN/IPMPLS/2020 Ver. 1 or latest. Detailed Technical Specifications are attached vide S.No. 7 of Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of rug- gedised MCPTT LTE hand sets with necessary soft- wares (with battery and charger). Detailed Technical Specifications are attached vide S.No. 8 of Annexure- A. (inspection by consignee) Supply, installation, testing and commissioning of Dis- patcher Server hardware along with the Application Software. Detailed Technical Specifications are at- tached vide S.No. 9 of Annexure-A. (Inspection by consignee) Description:- Supply, installation, testing and commis- sioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated soft- ware). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by con- signee) Description:- Supply, installation, testing and commis- sioning of Station Radios with all the accessories. De- tailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by con- signee) Description:- Supply, installation, testing and commis- sioning of ruggedised LTE Modem, LP antennas, con- nectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commis- sioning of ruggedised LTE Modem, LP antennas, con- nectors & cables etc. for Cab Radio with MMI display with necessary | | | | | |
| tions are attached vide S.No. 6 of Annexure-A. (Inspection by consignee) Supply of Standard 19" Rack Mountable IP-MPLS Router with Redundant -48V DC Power Supply, 2 x 10G (optical) SFP+ Ports along with 2 Nos of 40 Kms 10G SFP+, LC Modules, 4 x 1Gbe Optical interface Module along with 4 Nos of 1Gbe Single Mode Bi-Directional SFP(10KMs) Modules and 4 x 1Gbe Copper based interfaces & Modules as per RDSO document No. STT/TAN/IPMPLS/2020 Ver.1 or latest. Detailed Technical Specifications are attached vide S.No. 7 of Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of rug- gedised MCPTT LTE hand sets with necessary soft- wares (with battery and charger). Detailed Technical Specifications are attached vide S.No. 8 of Annexure- A. (inspection by consignee) Supply, installation, testing and commissioning of Dis- patcher Server hardware along with the Application Software. Detailed Technical Specifications are at- tached vide S.No. 9 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commis- sioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated soft- ware). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by con- signee) Description:- Supply, installation, testing and commis- sioning of Staton Radios with all the accessories. De- tailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commis- sioning of ruggedised LTE Modern, LP antennas, con- nectors & cables etc. for Cab Radio. Detailed Tech- nical Specifications are attached vide S.No. 12 of An- nexure-A. (inspection by consignee) Description:- Supply, installation, testing and commis- sioning of Cab Radio with MMI display with necessary | | | Supply, installation, testing and commissioning of MCX | | |
| Spection by consignee | 6 | 6 | | | |
| Router with Redundant -48V DC Power Supply, 2 x 10G (optical) SFP+ Ports along with 2 Nos of 40 Kms 10G SFP+, LC Modules, 4 x 16be Optical interface Module along with 4 Nos of 1Gbe Single Mode Bi-Directional SFP(10KMs) Modules and 4 x 16be Copper based interfaces & Modules as per RDSO document No. STT/TAN/IPMPLS/2020 Ver. 1 or latest. Detailed Technical Specifications are attached vide S.No. 7 of Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of ruggedised MCPTT LTE hand sets with necessary softwares (with battery and charger). Detailed Technical Specifications are attached vide S.No. 8 of Annexure-A. (inspection by consignee) Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher Clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | | | , | | |
| 10G (optical) SFP+ Ports along with 2 Nos of 40 Kms 10G SFP+, LC Modules, 4 x 1Gbe Optical interface Module along with 4 Nos of 1Gbe Single Mode Bi-Di- rectional SFP(10KMs) Modules and 4 x 1Gbe Copper based interfaces & Modules as per RDSO document No. STT/TAN/PMPLS/2020 Ver.1 or latest. Detailed Technical Specifications are attached vide S.No. 7 of Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of rug- gedised MCPTT LTE hand sets with necessary soft- wares (with battery and charger). Detailed Technical Specifications are attached vide S.No. 8 of Annexure- A. (inspection by consignee) Supply, installation, testing and commissioning of Dis- patcher Server hardware along with the Application Software. Detailed Technical Specifications are at- tached vide S.No. 9 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commis- sioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated soft- ware). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by con- signee) Description:- Supply, installation, testing and commis- sioning of Station Radios with all the accessories. De- tailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by con- signee) Description:- Supply, installation, testing and commis- sioning of Tuggedised LTE Modem, LP antennas, con- nectors & cables etc. for Cab Radio. Detailed Tech- nical Specifications are attached vide S.No. 12 of An- nexure- A. (inspection by consignee) Description:- Supply, installation, testing and commis- sioning of Cab Radio with MMI display with necessary | | | | | |
| 10G SFP+, LC Modules, 4 x 1Gbe Optical interface Module along with 4 Nos of 1Gbe Single Mode Bi-Directional SFP(10KMs) Modules and 4 x 1Gbe Copper based interfaces & Modules as per RDSO document No. STT/TAN/IPMPLS/2020 Ver.1 or latest. Detailed Technical Specifications are attached vide S.No. 7 of Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of rug- gedised MCPTT LTE hand sets with necessary soft- wares (with battery and charger). Detailed Technical Specifications are attached vide S.No. 8 of Annexure- A. (inspection by consignee) Supply, installation, testing and commissioning of Dis- patcher Server hardware along with the Application Software. Detailed Technical Specifications are at- tached vide S.No. 9 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commis- sioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated soft- ware). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by con- signee) Description:- Supply, installation, testing and commis- sioning of Station Radios with all the accessories. De- talled Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commis- sioning of ruggedised LTE Modem, LP antennas, con- nectors & cables etc. for Cab Radio. Detailed Tech- nical Specifications are attached vide S.No. 12 of An- nexure- A. (inspection by consignee) Description:- Supply, installation, testing and commis- sioning of Cab Radio with MMI display with necessary | | | | | |
| rectional SFP(10KMs) Modules and 4 x 1Gbe Copper based interfaces & Modules as per RDSO document No. STT/TAN/IPMPLS/2020 Ver.1 or latest. Detailed Technical Specifications are attached vide S.No. 7 of Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of ruggedised MCPTT LTE hand sets with necessary softwares (with battery and charger). Detailed Technical Specifications are attached vide S.No. 8 of Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A. (inspection by consignee) Description: Supply, installation, testing and commissioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Tuggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Tuggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio by Consignee) | | | | | |
| rectional SFP(TURMS) Modules and 4 x 1Gbe Copper based interfaces & Modules as per RDSO document No. STT/TAN/IPMPLS/2020 Ver.1 or latest. Detailed Technical Specifications are attached vide S.No. 7 of Annexure-A.(Inspection by consignee) Supply, installation, testing and commissioning of ruggedised MCPTT LTE hand sets with necessary softwares (with battery and charger). Detailed Technical Specifications are attached vide S.No. 8 of Annexure-A.(inspection by consignee) Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher Clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | 7 | 7 | | | |
| No. STT/TAN/IPMPLS/2020 Ver.1 or latest. Detailed Technical Specifications are attached vide S.No. 7 of Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of ruggedised MCPTT LTE hand sets with necessary softwares (with battery and charger). Detailed Technical Specifications are attached vide S.No. 8 of Annexure- A. (inspection by consignee) Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modern, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of rugedised LTE Modern, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio betailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | - | • | | | |
| Annexure-A. (Inspection by consignee) Supply, installation, testing and commissioning of ruggedised MCPTT LTE hand sets with necessary softwares (with battery and charger). Detailed Technical Specifications are attached vide S.No. 8 of Annexure-A. (inspection by consignee) Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | | | | | |
| Supply, installation, testing and commissioning of ruggedised MCPTT LTE hand sets with necessary softwares (with battery and charger). Detailed Technical Specifications are attached vide S.No. 8 of Annexure-A.(inspection by consignee) Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desklop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached Vide S.No. 12 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached Vide S.No. 12 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio With MMI display with necessary | | | · · · · · · · · · · · · · · · · · · · | | |
| gedised MCPTT LTE hand sets with necessary softwares (with battery and charger). Detailed Technical Specifications are attached vide S.No. 8 of Annexure-A. (inspection by consignee) Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | | | | | |
| Specifications are attached vide S.No. 8 of Annexure- A.(inspection by consignee) Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | | | | | |
| A.(inspection by consignee) Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | 8 | 8 | | | |
| Supply, installation, testing and commissioning of Dispatcher Server hardware along with the Application Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | | | | | |
| 9 9 Software. Detailed Technical Specifications are attached vide S.No. 9 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | | | | | |
| tached vide S.No. 9 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | | • | | | |
| consignee) Description:- Supply, installation, testing and commissioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modern, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | 9 | 9 | | | |
| sioning of Dispatcher clients. (Dispatcher Client is a high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | | | | | |
| high end COTS All-in-One PC with Touch Screen, desktop microphone, speakers and associated soft- ware). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by con- signee) Description:- Supply, installation, testing and commis- sioning of Station Radios with all the accessories. De- tailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commis- sioning of ruggedised LTE Modem, LP antennas, con- nectors & cables etc. for Cab Radio. Detailed Tech- nical Specifications are attached vide S.No. 12 of An- nexure- A. (inspection by consignee) Description:- Supply, installation, testing and commis- sioning of Cab Radio with MMI display with necessary | | | | | |
| 10 desktop microphone, speakers and associated software). Detailed Technical Specifications are attached vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | | | | | |
| vide S.No. 10 of Annexure-A. (inspection by consignee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | 10 | 10 | | | |
| signee) Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure- A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | | | | | |
| Description:- Supply, installation, testing and commissioning of Station Radios with all the accessories. Detailed Technical Specifications are attached vide S.No. 11 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure- A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | | | , , , | | |
| tailed Technical Specifications are attached vide S.No. 11 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure- A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | | | Description:- Supply, installation, testing and commis- | | |
| 11 of Annexure-A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure- A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | 11 | 11 | | | |
| Description:- Supply, installation, testing and commissioning of ruggedised LTE Modem, LP antennas, connectors & cables etc. for Cab Radio. Detailed Technical Specifications are attached vide S.No. 12 of Annexure- A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | | | • | | |
| 12 | | | Description:- Supply, installation, testing and commis- | | |
| nical Specifications are attached vide S.No. 12 of Annexure- A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | 10 | 10 | | | |
| nexure- A.(inspection by consignee) Description:- Supply, installation, testing and commissioning of Cab Radio with MMI display with necessary | 12 | 12 | | | |
| 13 13 sioning of Cab Radio with MMI display with necessary | | | nexure- A.(inspection by consignee) | | |
| , | 12 | 10 | | | |
| | 13 | 13 | softwares and accessories. Detailed Technical | | |

| SI. | RFP | Item Code | | |
|-----|-------------|--|------|-------|
| No | SOR Sloe | Schedule A-Telecom Works | Make | Model |
| | | Specifications are attached vide S.No. 13 of Annexure-A.(Inspection by consignee) | | |
| 14 | 14 | Description:- Supply, installation, testing and commissioning of KVM switch. Detailed Technical Specifications are attached vide S.No. 14 of Annexure-A.(Inspection by consignee) | | |
| 15 | 15 | Description:- Supply and installation of 19", 42U, 1200 mm depth Telecom Rack with standard accessories. It shall be closed type with front door glass type, all doors shall be removable. Detailed Technical Specifications are attached vide S.No. 15 of Annexure-A.(inspection by consignee) | | |
| 16 | 16 | Description:- Supply, installation, testing and commissioning of SIM Cards as per the specifications attached vide S.No. 16 of Annexure-A.(inspection by consignee) | | |
| 17 | 19 | Description:- Survey, design, project management, logistics, cabling and integration of EPC, eNodeB, Routers, Despatcher Servers, Despatcher Clients, MCX Servers and LTE Fixed and Mobile terminals to make a complete LTE Lab Set up. Detailed Technical Specifications are attached vide S.No. 19 of Annexure-A. | | |
| 18 | 20 | Description:- Imparting of training on LTE Technology and Systems Detailed Technical Specifications are attached vide S.No. 20 of Annexure-A. | | |
| 19 | 54 | Description:- Supply and installation of Portable Network Analyser with Wireshark network analyser tool with the following specification: Intel i7 processor, 16 GB RAM, 512 GB SSD, Windows 11 OS, Aluminium chassis and metallic hinges. Detailed Technical Specifications are attached vide S.No. 55 of Annexure-A. (Inspection by Consignee) | | |

CHAPTER-3: SCOPE OF WORK AND TECHNICAL REQUIREMENTS

All the requirement of to the extent of SoR of EoI which is excerpt of Dy. CSTE/Projects/T/SC tender document shall be applicable. Certain aspects are brought out, but they are not exhaustive.

3.A. Introduction

3.A.1 About RailTel

RailTel Corporation of India Limited (RailTel), an ISO-9001:2000 organization is a Government of India undertaking under the Ministry of Railways. The Corporation was formed in Sept 2000 with the objectives to create nationwide Broadband Telecom and Multimedia Network in all parts of the country, to modernize Train Control Operation and Safety System of Indian Railways and to contribute to realization of goals and objective of national telecom policy 1999.

RailTel with strong nationwide presence is committed to bring cutting edge technology and offer innovative services to the Indian Telecom market. RailTel is in the forefront in providing nationwide Broadband Telecom & Multimedia Network in all parts of the country. With its Pan India high-capacity network, RailTel is working towards creating a knowledge society at various fronts.

In addition, RailTel with its rich experience in the domain of Telecom and ICT field have been selected for implementation of various mission-mode Govt. projects in the telecom field including National Optical Fibre Network (NOFN), National Knowledge Network (NKN) and NE-I & NE-II under USOF/DoT etc.

In line with its commitment to bring next generation telecommunication technologies and services to people across the length and breadth of the country, RailTel is already providing high speed Wi-Fi network at train stations across the country.

3.A.1.1 Scope of Work

As per the Dy.CSTE/Projects/Tele, SCR tender document attached.

3.A.1.2 Bidder's Responsibility

As per the Dy.CSTE/Projects/Tele, SCR tender document attached.

3.A.1.3 Compliance to Technical Requirements

As per the Dy.CSTE/Projects/Tele, SCR tender document attached.

In the offer, the bidder shall include deviation certificate (Form No. 6 of Chapter-6) statement for compliance of terms and conditions mentioned in the EoI document (which also includes Dy.CSTE/Project/Tele tender document).

In case of partially compliant or non-compliant bid, RailTel reserves the rights to **REJECT** the bid without assigning any reason.

3.B. INSPECTION AND SUPERVISION OF INSTALLATION, TESTING & COMMISSIONING

3.B.1. Inspection

As per the Dy.CSTE/Projects/Tele, SCR tender document attached.

3.B.2. Installation

As per the Dy.CSTE/Projects/Tele, SCR tender document attached.

3.B.5 Final Acceptance

As per the Dy.CSTE/Projects/Tele, SCR tender document attached.

3.C. TRAINING, VENDOR DATA REQUIREMENT, DOCUMENTATION, AND DESIGN GUIDE-LINES

3.C.1 Training of IRISET/RailTel/Railways Personnel
As per the Dy.CSTE/Projects/Tele, SCR tender document attached.

3.C.2 Vendor Data Requirement and Documentation

As per the Dy.CSTE/Projects/Tele, SCR tender document attached.

CHAPTER- 4A: COMMERCIAL TERMS & CONDITIONS

4.A.1 Offer letter and Validity of offer

As per the Dy.CSTE/Projects/Tele, SCR tender document attached.

The bidder shall complete the offer letter (Chapter-1) and the Price Schedule (Chapter-2). The offer should remain valid from the date of opening of EoI including the date of opening for a minimum period of days as indicated in Bid Data Sheet (BDS).

4.A.2 Warranty

As per the Dy.CSTE/Projects/Tele, SCR tender document attached.

4.A.2.1 Warranty Support

As per the Dy.CSTE/Projects/Tele, SCR tender document attached.

4.A.4 Long Term Maintenance Support

As per the Dy.CSTE/Projects/Tele, SCR tender document attached.

4.A.5 Implementation timeline

As per the Dy.CSTE/Projects/Tele, SCR tender document attached.

4.A.6 Project Deployment

The successful bidder shall submit a detailed implementation plan as per the project deliverables timelines before the commencement of the project.

The successful bidder shall conduct a detailed study of functional and technical requirements of the work to make the required system configuration and design modifications to its solution if required in order to achieve the desired functionality. However, the same must be accepted and approved by RailTel/Customer.

Submission of Design Document for proposed Solution indicating all the components of the infrastructure of system for RailTel/Customer approval.

Installation and commissioning of software, hardware and equipment as per terms and condition of the EoI and Dy.CSTE/Projects/Tele tender.

Carry out all the customization/configuration activities as identified during Design phase by Rail-Tel/ Customer.

RailTel reserves the right to seek customization to meet its requirements.

4.A.7 Payment Terms

4.A.7.1 Payment Terms for Capex Items:

The payment terms will be as per. Dy.CSTE/Projects/Tele tender document on a back-to-back basis on receipt of payment from Dy. CSTE/Projects/Tele.

Accounting unit/bill passing unit for the supplies and services under SOR is Executive Director/SR. Bills to be submitted to the authorized representative of Executive Director/SR for certifying receipt of material & services, for passing for payment.

The breakup of taxes has to be furnished and same should be reflected in the bills, Invoice should be visible in GSTR 2B or in relevant Reports of GST Portal as per GST Act so that input GST credit can be availed by RailTel (RCIL).

All invoices will be raised by the contractor state-wise.

4.A.8. Security deposit (SD) and Performance Bank Guarantee (PBG)

4.A.8.1. Security Deposit (SD):

As per the Dy. CSTE/Projects/Tele, SCR tender document attached.

The Buyer also reserves the right to forfeit the Security Deposit of the seller during the delivery phase in the event the seller is unable to meet contractual obligations.

4.A.8.2. Performance Bank Guarantee (PBG):

As per the Dy. CSTE/Projects/Tele, SCR tender document attached.

This bank guarantee should be submitted within 15 days from the date of final installation, testing, commissioning, integration, training and acceptance by Railways. The Bank Guarantee shall remain valid for the **consolidated warranty period (2 years) of complete solution plus 2 months (total 26 months).** In case of no warranty claims towards the items under warranty, the PBG will be returned on completion of warranty period.

RailTel reserves the right to invoke the Performance Bank Guarantee submitted bybidder, in case of the following:

The items supplied by bidder fail to achieve the performance as stipulated n this and Dy.CSTE/Projects/T/SC tender documents or

The bidder fails to provide the warranty and other services including SLA in scheduledtime frame, as stipulated in this document or

The bidder delays to provide the warranty services as stipulated in thisdocument.

4.A.9 Verification of BG for SD/PBG -

A separate advice of the SD/PBG will invariably be sent by the SD/PBG issuing bank to the Rail-Tel's Bank through SFMS and only after this the SD/PBG will become acceptable to RailTel. It is therefore in own interest of bidder to obtain RailTel's bank IFSC code, its branch and address and advise these particulars to the SD/PBG issuing bank and request them to send advice of SD / PBG through SFMS to the RailTel's Bank.

The onus is on the successful bidder to ensure submission of SD/PBG for complete contractual period as mentioned above.

4.A.9. Taxes & Duties

The price quoted in the offer should be firm, fixed indicating the breakup and inclusive of all taxes & duties like import, custom, antidumping, CGST, SGST, IGST, UTGST etc. The Offer should be inclusive of packing, forwarding, freight upto destination, insurance charges.

Bidder shall quote all-inclusive rates, but there shall be break up of basic price and all type of applicable taxes such as SGST/CGST/IGST/UT GST along with respective HSN/SAC Code under GST Law (Including tax under reverse charges payable by the recipient).

Bidder shall issue valid tax invoice to RailTel for availing proper credit of CGST/SGST/IGST/UTGST in case of award of Contract. GST will not be reimbursed in the absence of valid tax invoice.

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.

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.

In case of incorrect reporting of the supply made by the vendor in the relevant return, leading to disallowance of input credit to RailTel, the vendor shall be liable to pay applicable interest under the GST Act to the credit of RailTel. The same provisions shall be applicable in case of debit/credit notes.

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.

In regard to the works contract, the Bidder should have registration no. of GST in rthe respective state where work is to be executed and shall furnish GST registration certificate on award of LOA.

The imposition of any new tax and/or increase/ in the aforesaid taxes, duties levies, after the last stipulated date for the receipt of EoI 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 input credit relating thereto. In the event of non-payment/default in payment of any of the above taxes, RailTel reserves the right to withhold the dues/payments of bidder and make payment to state/Central Government authorities as may be applicable. However, if the rates are reduced after the last stipulated date for receipt of EoI, bidder has to pass on the benefits to RailTel.

In case of imported equipment, Anti-Dumping duty if applicable on the equipment proposed to be supplied by OEM/Bidder as per extant instructions of Ministry of Commerce/Finance Government of India, has to be borne by the Bidder and shall be deducted from the amount payable to the bidder at the time of making payment to the firm, if this duty amount is paid to Custom Authority by RailTel.

4.A.10. Service Level Agreement (SLA) and Penalties during warranty period As per the Dy.CSTE/Projects/Tele, SCR tender document attached.

4.A.15. Manpower Support

As per the Dy. CSTE/Projects/Tele, SCR tender document attached.

4.A.16 Insurance

The Contractor shall take out and keep in force a policy or policies of insurance against all liabilities of the Contractor or the Purchaser at common law or under any statute in respect of accidents to persons who shall be employed by the contractor in or around the site for the purpose of carrying out the works on the site. The Contractor shall also take out and keep in force a policy or policies of Insurance against all recognized risks to their offices and depots. Such insurance shall in all respects be to the approval of the Purchaser and if he so requires, in his name.

The Contractor shall take out and keep in force a policy or policies of insurance from the date, the delivery of material starts (including the transit portion) against all liabilities of the Contractor or the Purchaser. The contractor shall take out and keep in force a Policy or policies of Insurance for all materials covered in schedule of requirement irrespective of whether used up in the portion of work already done or kept for the use in the balance portion of the work until such material are provisionally handed over to RailTel. The goods will be issued by purchaser to supplier and risk of goods shall remain with supplier until the issue of final acceptance by RailTel (RCIL)/Dy. CSTE/Projects/Tele, Insurance policy has to be kept valid by the contractor till issue of final acceptance by RailTel (RCIL)/Dy. CSTE/Projects/Tele.

The Contractor should also ensure the stores brought to site, against risks in consequence of war and invasion, as required under the Emergency Risk (Goods) Insurance Act in force from time to time.

4.A.17 Liquidated Damages

Liquidated damage shall be as per Dy.CSTE/Project/Tele tender condition and all the LD except those attributable purely to RailTel, imposed by Dy.CSTE/Project/Tele shall be recovered from the contractor.

4.A.18 Transportation

The rates quoted should be CIP destination. The destination shall be Site Locations of Dy.CSTE/PROJ/T/SC which shall be indicated by RailTel.

It shall be the responsibility of Bidder to transport the equipment to site for the Installation & Commissioning. Materials not installed / not to be installed at one location need to be shipped from that location to another location by the bidder as may be decided by Executive Director /SR RailTel. All transportation cost to be borne by the bidder.

4.A.19 Statutory Deduction

These will be made at source as per the rules prevalent in the Dy. CSTE/Projects/Tele, tender.

4.A.20 Qualification Criteria

Qualifying criteria under this clause lays down minimum acceptable qualifications in various areas to ensure that qualified bidder has necessary experience, technical expertise, equipment and financial and human resources to successfully complete the project. Bids from bidders not meeting these qualification criteria may liable to be **REJECTED**.

In case bidder has submitted the CA certificate or statutory auditor certificate against eligibility clause, contact details of CA or statutory auditor shall be mandatorily mentioned.

4.A.21 Eligibility Criteria Requirements for Bidders:

The bidders must comply with the following conditions for their eligibility in the participation for the EOI. Submit necessary declarations/certifications as per Tender Terms and Conditions:

| S N o. | Parameter | Eligibility Criteria | Supporting Documents to be Submitted | Compli- ance (Y/N) |
|--------------|--------------------|--|---|--------------------------|
| A | Empanel- ment | Bidder must be empaneled with RailTel as business associate. | Copy of Empanelment letter | |
| В | Financial Con | ditions | | |
| 1 | General | The company must have: I. registered under Companies Act,1956 or Companies Act 2013 or as amended and should have at least 3 years of operations in India as on bid submission date. II. Been registered with GST. III. has paid ITR for last 3 financial year ending 31st March 2022. | I. Certificate of Incorporation II. Copy of PAN Card. III. Copy of GST registration certificate. IV. Copy of ITR filed. | |
| 2 | Turnover | The bidder must have an annual turnover of 150% of SoR Value of Eol. or more during the last three financial years (F.Y. 2021-22, 2020-21 and 2019-20) | Turn over Certificate issued by the Chartered Accountant. Certificate should contain UDIN no. issued by ICAI or Audited Balance sheet with P&L statements | |
| 3 | Positive Net worth | Bidder should also have a positive net worth in the last 3 financial years (F.Y. 2021-22, 2020-21 and 2019-20) | Positive Net Worth and Profitability Certificate issued by the CA for the last three financial years (FY 2019-20, FY 2020-21, FY 2021-22). Certificate should contain UDIN no. issued by ICAI | |
| 4 | EMD | EMD as mentioned in the Notice for EoI in the form of Bank Guarantee. Validity of the BG should be 120 days from the Last Date of submission of Bid Scanned copy of | Physical Copy of BG should be submitted before date as defined in BDS. | |

| | | BG should be submitted with Bid. | | |
|---|---|--|---|--|
| С | Technical | | | |
| 1 | General | Power of Attorney | Power of Attorney and Board Resolution in favor of one of its employees who will sign the Bid Doc- uments. | |
| | | The bidder must have executed ICT work in last 7 years ending on the last date of Bid submission, as 1. One similar work of 60% of SoR value of Eol OR 2. Two similar works each of | Copy of Purchase/ Work Order & completion certif- icate issued by customer / PO issuing authority. | |
| 2 | Experience | 40% of SoR Value of EoI OR 3. Three similar works each of 30% of SoR Value of EoI Definition of Similar Work: - All IT / ITeS / DC / DR / IT turnkey work / Telecom / Networking or AMC / CAMC for IT / ITeS / DC / DR / IT turnkey work / Telecom / Networking work. | considered too, subjected to successful completion of minimum 80% work value as per PO duly certified for partial work percentage/value completion by PO issuing authority. The actual completed work value shall be considered for PO produced for experience. | |
| 3 | MAF | The bidder needs to submit the documents required under MAF from the respective OEMs as part of the solution mentioning Back-to-Back arrangement, TAC support, End of Support. | MAF as per the DY.CSTE/PROJ/T/SC Tender Document as mentioned below: (i) The MAF is required to be addressed to Rail-Tel referring this subject EOI in favor of Bidder. | |
| 4 | PPLC - Purchase Preference Policy (linked with Local Content) | Bidder shall comply with the clauses as per the Tender Document and the bidder must submit the compliance certificate for the same as per the format given in the Tender Document | | |
| 5 | Not be black- listed | The bidder including Sub contractors should not have been black listed currently by Central Govt./State Govt./CPSU in India or anywhere globally | Self-Declaration by the Bidder on Company's let- ter head | |

| | | by Government for security | | |
|---|--------------|----------------------------|-----------------------------|--|
| | | reasons. | | |
| | Technical | Bidder should have more | Self-Certification from au- | |
| 6 | Manpower | than 10 Technical Manpower | thorized /HR Head of the | |
| | Iviaripovici | on their payroll | organization. | |

For Startups following relaxations are given for the eligibility criteria:

Technical Eligibility Criteria:

The bidder should have executed order during the last preceding 3 financial years as on opening of bid, as per following:

Single order of at least 35% of tendered value.

OR

Two orders of at least 20% each of tendered value.

OR

Three orders of at least 15% each of tendered value.

2. Financial Eligibility Criteria:

The bidder should have an annual turnover of a minimum of 50% of tendered value or above during the preceding 3 financial years as on opening of bid.

In addition to the above, the bidder must comply with each of the following eligibility requirements:

Declaration as per Form no. 14 and Form no.16 (restrictions on procurement from a bidder of a country which shares a land border with India and compliance to Gol OM regarding Make in India). The declarations mentioned above are required to be submitted from both Bidder and OEMs.

The bidder must mandatorily provide Certificate of Origin from OEM for each quoted component and mention the same in the column 'Manufactured at (Place)' in the below format. For single quantity items, the bidder can declare the Country of Origin on OEM/ bidder's letterhead.

| S.No | Item De- scription, Make, Model | Countryof originof OEM | Countryof Manufac ture of item | number W- 43/4/2019- IPHW-MeitY, | location(s) at which thelocal value addition is. |
|------|--|------------------------------|---|--|---|
| 1 | Category I & II Items with description | | | Consolidated MII / Local Content for the complete solution declared by Sys- tem. Integrator (SI)/ Bidder | |

Bidder shall submit the online links / documents and Data / specifications sheets pertaining to the quoted items.

The bidder has to provide the un-priced BOM (Bill of Materials) for all quoted components.

Bidder need to provide Single point of contact and also share the support and escalation matrix with details like e-Mail IDs and Phone nos.

OEM / Bidder shall declare that the quoted products are brand new and not re-furbished and repaired products. The products so provided should be the latest available.

The bidder must agree to provide and execute the entire scope of work involved as per Dy.CSTE/Project/Tele tender document.

4.A.22 Eligibility Credentials and Verification

The bidder is required to submit purchase order and satisfactory working/implementation certificate issued by the user/customer. Purchase orders without relevant organization's confirmation through a credential letter will not be considered as implementation certificate from the client.

The Bidders shall submit a notarized affidavit on a non-judicial stamp paper stating that they are not liable to be disqualified and all their statement/documents submitted along with bid are true and factual. Standard format of the affidavit to be submitted by the bidder is enclosed as Form no. 4 (Chapter-6). **NON-SUBMISSION OF AN AFFIDAVIT BY THE BIDDER SHALL RESULT IN SUMMARY REJECTION OF HIS/THEIR BID.** And it shall be mandatorily incumbent upon the Bidder to identify, state and submit the supporting documents duly self-attested by which they/he is qualifying the Qualifying Criteria mentioned in the EoI Document. It will not be obligatory on the part of EoI Committee to scrutinize beyond the submitted document of Bidder as far as his qualification for the EoI is concerned.

RailTel (RCIL) reserves the right to verify all statements, information and documents submitted by the bidder in his EoI offer, and the bidder shall, when so required by RailTel (RCIL), make available all such information, evidence and documents as may be necessary for such verification

In case of any wrong information submitted by Bidder, the contract shall be terminated. Performance Guarantee (PG) and Security Deposit (SD) of contract forfeited and agency barred for doing business on RailTel (RCIL) for 5 (five) years.

For International project if the original client certificate and other documents are in language other than English than a translated copy duly confirmed by Indian embassy.

4.A.23 RailTel Reserves the right:

- (i) To verify, if so desired, the correctness of documentary evidence furnished by the bidder.
- (ii) To verify the successful operation and performance of qualifying projects and bidder shall arrange permission for the same.
- (iii) To carry out capability assessment of the bidder(s) including referral to in-house information.

(iv) RailTel shall not be responsible for any delay in the receipt of EoIs and reserves the right to ACCEPT/REJECT any or all EoIs without assigning any reason. To ask the clarification and supporting documents in respect to submitted eligibility documents.

4.A.25 Evaluation of Offer

The technical bids will be evaluated in two steps-

- i. The bids will be examined based on eligibility criteria stipulated to determine the eligible bidders.
- ii. The technical bids of only the eligible bidders shall be further evaluated based on the technical specifications of the required items and the proposal submitted by the bidder.

During evaluation of offer, if required RailTel may ask clarification or documents from the bidder.

Additional features offered by the bidder, over and above the ones asked for in the EoI documents, shall not be considered for evaluation of bids.

The bidders should quote for all items & the offer will be evaluated in totality.

Inter se position of the offers will be determined on total cost which will include basic rate, custom duty, CGST, SGST, IGST, UTGST, freight, insurance and any other charge or cost quoted by the Bidder, including GST payable, on reverse charge by RailTel.

4.A.31 Earnest Money Deposit (EMD)

All the bidders shall submit EMD in the form of Bank Guarantee (BG)/Online payment/DD/ from a Nationalized/Schedule bank, Scan copy of BG shall be submitted online through E-Nivida Portal. Physical copy of the BG should reach the office of Executive Director/Southern Region, Secunderabad on or before the Date specified in BDS.

Action will be taken 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/LOA and fails to furnish performance bank guarantee (security deposit) in accordance with clause 4.A.7.

Offers not accompanied with EMD in the form of Bank Guarantee shall be summarily **RE-JECTED**.

4.A.33 Offer/ Bid Prices

The bidder shall give the prices indicating all levies and taxes, packing forwarding, freight and insurance etc. The basic unit price and all other components of the price need to be individually indicated against the goods it proposes to supply under the Eol document as per schedule given in Chapter-2. The price shall be quoted in Indian Rupees only.

The break-up of price of each item of SOR in terms of basic Unit price shall be inclusive of Freight, Custom Duty, Forwarding, Packing, Insurance and any other Levies/charges already

paid or payable by the bidder (with applicable taxes break-up viz. SGST/CGST/IGST/UTGST) shall be quoted in the SOR Chapter-2.

4.A.34 Deviation

Bidder is required to submit the "**Deviations**" if any for all the terms and conditions of EoI including all corrigenda shall be enclosed with the offer as per proforma given in Form no. 6 (Chapter-6).

4.A.35 Inspection

As per Dy. CSTE/Projects/T/SC Tender attached.

4.A.36 Force Majeure

If during the Agreement, the performance in whole or in part, by either party, of any obligation under this is prevented or delayed, by reason beyond the control of the parties including war, hostility, acts of the public enemy, civic commotion, sabotage, Act of State or direction from Statutory Authority, explosion, epidemic, quarantine restriction, strikes and lockouts (as are not limited to the establishments and facilities of the parties), fire, floods, earthquakes, natural calamities or any act of GOD (hereinafter referred to as EVENTS), provided notice of happenings of any such EVENT is given by the affected party to the other, within twenty one (21) days from date of occurrence thereof, neither party shall have any such claims for damages against the other, in respect of such non-performance or delay in performance. Provided service under this Agreement shall be resumed as soon as practicable, after such EVENT comes to an end or ceases to exist.

In the event of a Force Majeure, the affected party will be excused from performance during the existence of the Force Majeure. When a Force Majeure occurs, the affected party after notifying the other party will attempt to mitigate the effect of the Force Majeure as much as possible. If such delaying cause shall continue for more than thirty (30) days from the date of the notice stated above, the party injured by the inability of the other to perform shall have the right, upon written notice of thirty (30) days to the other party, to terminate this Agreement. Neither party shall be liable for any breach, claims, damages against the other, in respect of non-performance or delay in performance as a result of Force Majeure leading to such termination.

4.A.37 Settlement of Disputes/Arbitration

Any dispute or difference whatsoever arising between the parties out of or relating to the construction, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be settled by arbitration in accordance with the Arbitration and Conciliation Act, 1996 as amended and the award made in pursuance thereof shall be binding on the parties. The venue of such arbitration or proceedings thereof shall be at New-Delhi.

All arbitration proceedings shall be conducted in English. Recourse against any arbitral award so rendered may be entered into court having jurisdiction or application may be made to such court for the order of enforcement as the case may be.

The Arbitral Tribunal shall consist of the Sole Arbitrator appointed by CMD/RailTel Corporation of India Limited, if the value of claim is up to Rs. 10 lakhs. If the value of the claim or amount under dispute is more than Rs. 10 Lakhs, the matter shall be referred to the adjudication of arbitral council. Chairman Managing Director (CMD) of RailTel Corporation shall furnish a panel of three names to the contractor, out of which, contractor will recommend one name to be his nominee

and then CMD/RailTel shall appoint one name as RailTel's nominee and these two arbitrators with mutual consent shall appoint a third arbitrator who shall act as the deciding arbitrator in terms of Arbitration and Conciliation Act. The award of the sole arbitrator or the Arbitral council, as the case may be, shall be final and binding on both the parties. Each of the parties agree that notwithstanding that the matter may be referred to Arbitrator as provided herein, the parties shall nevertheless pending the resolution of the Controversy or disagreement, continue to fulfill their obligation under this Agreement so far as they are reasonably able to do so.

4.A.38 Governing Laws

The LOA 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.

4.A.39 Indemnity by Contractors

The Contract shall indemnify and save harmless RailTel from and against all actions, suit proceedings, losses, costs, damages, charges, claims, and demands of every nature and description brought or recovered against RailTel by reason of any act or omission of the Contractor, his agents or employees, in the execution of the works or in his guarding of the same. All sums payable by way of compensation under any of these conditions shall be considered as reasonable compensation to be applied to the actual loss or damage sustained, and whether or not any damage shall have been sustained.

4.A.40 Termination for Default

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

If the bidder fails to deliver any or all of the goods within the time period(s) specified in the contract.

If the bidder fails to perform any other obligation(s) under the contract; and If the bidder, 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.

4.A.41 Risk, Cost & Ownership

If the contractor fails to deliver the equipment or honour the contractual commitment within the period fixed for such delivery in the contract, the Purchaser may terminate the LOA/contract in whole or in part, the Purchaser may proceed to purchase, upon such terms and in such manner as it deems appropriate, goods similar to those undelivered at risk and cost to contractor. The SD/ Performance Bank Guarantee shall also be en-cashed.

The Maximum Liability of bidder to any Loss/Damages to RailTel including Liquidity Damages and Performance Guarantee shall be limited to 100% of Value of contract.

All risks, responsibilities; liabilities pertaining to goods in transit and/or delivered at site shall remain with selected bidder till they are accepted by Dy. CSTE/Projects/T/SC. The successful bidder will make own arrangements to secure and safeguard the goods delivered at site, at their own cost. Dy. CSTE/Projects/T/SC may coordinate with the client for getting help for these arrangements.

Upon 90% of payment and post successful acceptance testing, Dy. CSTE/Projects/T/SC shall become owners of goods ordered but all risks, responsibilities; liabilities thereof in all goods shall remain with selected OEM/bidder till installation, commissioning, integration, and training of all goods to the end user. Part deliveries shall not be treated as deliveries. Only full deliveries of all items ordered will be considered as delivery.

4.A.42. Termination for Insolvency

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

4.A.43 Rates During Negotiation

The purchaser may call the bidder for the negotiation for reducing the rates. During negotiation the bidder/s shall not increase his/their quoted rates including payment terms in case RailTel negotiates for reduction of rates. Such negotiations shall not amount to cancellation or withdrawal of the original offer and the rates originally quoted will be binding on the bidder/s.

4.A.44 Submission of Offer (Online EoI)

All offers in the prescribed forms should be submitted before the time and date fixed for the receipt of the offers.

In case the schedule of requirement quoted by Bidder is incomplete with reference to Eol document, the offer is liable to be **REJECTED**.

ATTESTATION OF ALTERATION: No scribbling is permissible in the EoI documents. EoI containing erasures and alterations in the EoI documents are liable to be **REJECTED**. Any correction made by the Bidder/ Bidders in his/their entries must be signed (not initialed) by him/them.

The Bidder shall submit his bid online using the e-Procurement Portal https://railtel.eNivida.com. For detailed instructions please refer to E-Nivida Portal.

4.A.45 Constitution of Firm and power of Attorney

Any individual(s) signing the Eol or other documents connected therewith should specify whether he is signing: -

As sole proprietor of the concern or as attorney of the sole Proprietor.

As a partner or partners of the firm.

(c) As a Director, Manager or Secretary in the case of Limited Company duly authorized by a resolution passed by the Board of Directors or in pursuance of the authority conferred by Memorandum of Association.

In the case of a firm not registered under the Indian Partnership Act, all the partners or the attorney duly authorized by all of them should sign the EoI and all other connected documents. The original Power of Attorney or other documents empowering the individual or individuals to sign should be furnished to the Purchaser for verification, if required.

RailTel will not be bound by Power of Attorney granted by the bidder or by the changes in the composition of the firm made subsequent to the execution of the contract agreement.

In case where the Power of Attorney partnership deed has not been executed in English, the true and authenticated copies of the translation of the same by Advocate, authorized translators of Courts and Licensed Petition Writers should be supplied by the Contractor(s) while EoI for the work.

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.

4.A.46 Opening of Eol

Bidder's Bid will be opened on specified date & time as mentioned in BDS Chapter-5 of the EoI

4.A.47 Non-Transferability & Non-Refundability

The Eol documents are not transferable. The cost of Eol paper, if any, is not refundable.

4.A.48 Errors, Omissions & Discrepancies

The Contractor(s) shall not take any advantage of any misinterpretation of the conditions due to typing or any other error and if in doubt, shall bring it to the notice of the purchaser without delay. In case of any contradiction only the printed rules, and books should be followed and no claim for the misinterpretation shall be entertained.

4.A.49 Wrong Information by bidder

If the Bidder/s deliberately gives/give wrong information in his/their EoI which creates/create circumstances for the acceptance of his/their EoI RailTeI (RCIL) reserves the right to **RE-JECT** such bidder at any stage.

4.A.50 Limitation of Liability:

Provided the following does not exclude or limit any liabilities of either party in ways not permitted by applicable law:

- 1. The Supplier shall not be liable to the Purchaser, whether in contract in tort or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser; and
- 2. The aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to any obligation of the Supplier to indemnify the Purchaser with respect to intellectual property rights infringement.

4.A.51 Integrity Pact Program Deleted.

4.A.52. Preference to Domestic Manufacturers

The provisions of the revised "Public Procurement (Preference to Make in India), Order 2017",dated16.09.2020(and subsequent amendments, if any, till opening of the EoI) by

Department of Industrial Policy and Promotion, GoI shall apply to this EoI to the extent feasible. The criteria for Capability (verifiable evidence that they have manufacturing capability to manufacture the specified quantity and supply the same with in stipulated time period), Equipment and Manufacturing facilities as well as net worth under the financial standing eligibility criteria shall be applicable to local suppliers also.

Bidders seeking Purchase preference for this EoI shall submit the documents/ declarations etc. as per latest DIPP guidelines and the applicable/associated latest letters if any till date of opening of the bid.

The necessary documentation for the individual items being declared to be Local shall be as per the stipulated guidelines as laid down in above mentioned policy letters and to be signed by the OEM as well as the bidder

Only bidders offering minimum 20% of local content for the overall solution of their offered bid (Class-I Local suppliers/bidders-minimum 50% LC and Class-II Local Suppliers/bidders-minimum 20% LC as perPPP-MII Order) are eligible to participate in this EoI. Bid of bidders offering less than 20% local content for the overall solution of their offered bid will be SUM-MARILY REJECTED.

The System Integrator (SI) / Bidder must submit the consolidated MII (local content) % for the complete solution being offered.

The margin of purchase preference shall be 20% and shall be given to 'Class-I local supplier'. 'Margin of purchase preference' means the maximum extent to which the price quoted by a Class-I local supplier may be above the L1 (Class-II local supplier) for the purpose of purchase preference.

| with | | cal bid clear | dders shall furnis 'ly mentioning % | 0 | 0 | | U |
|------|---------------|----------------|--|-------------------|---------------|-----------------|---------|
| COME | a part or the | contract. | | | | | |
| "We | M/s | (Name of | bidder) hereby o | certify that we a | re offering m | inimum Local C | Content |
| of | % of overa | ll solution of | our offered bid | in our offer No | o. dated | _against RailTe | el Eol |
| No. | ," | | | | | _ | |

Class-I & Class-II local suppliers/bidders are required to provide a certificate (with UDIN number) from the statutory auditor or cost auditor of the company giving percentage of local content of all scheduled items. Undertaking mentioned in Clause

4.A.52 shall be supported by the following certificate issued by Auditor on their letter head as mentioned below (to be submitted with technical bid):

| "Wethe statutory auditor/cost auditor | r of M/s. (name o | f the bic | lder) he | reby certify th | at M/s |
|--|-------------------|-----------|----------|-----------------|---------|
| (name of bidder) are offering_ | % Local Conte | nt for ov | erall so | lution of the F | Project |
| Work under this EoI in accordance with | GOI Guidelines | vide | offer | No. dated | against |
| RAILTEL EoI No | | | | | |

These undertaking/certificate shall not mentionany unit price or total amount quoted by the bidder. Any mention of price or quoted amount will lead to <u>SUMMARILY REJECTION</u> of the bid. Incase of non-submission of above-mentioned undertaking/certificate with technical biddocuments, bid will be SUMMARILY REJECTED.

In price bid, the bidder shall provide price Break- up of "Local Content" and "Imported Content" for each SOR item **as per DPIIT's PMI Policy and its clarifications** and same shall be uploaded by the bidders along with their price bid in the e- procurement portal.

If after opening of price bid, lowest bid is of Class-II local supplier/bidder the eligible (techno-commercially qualified) Class-II local supplier(s)/bidder(s) shall be granted a purchase preference to 20% i.e., where their evaluated price bid is within 20% of the evaluated lowest price bid of Class-II local supplier/bidder.

RailTel (RCIL) shall have the right to satisfy itself of the production capability and product quality of the manufacturer.

For the purpose of this policy, all terms used vide aforesaid policy shall be governed by the definitions specified in Para 2 of the policy document notified by DIPP vide letter No. P-45021/2/2017-B.E.-II dated 16.09.2020.

The successful bidder shall be obliged to fulfill the requirements of quality and delivery time in accordance with the provisions of the Purchase order/contract.

4.A.53 Sanctions

RailTel shall impose sanction of bidder/successful bidder for not fulfilling LC in accordance with the value mentioned in certificate of LC.

The sanctions may be in the form of written warning, financial penalty and blacklisting.

If the bidder does not fulfill the obligation after the expiration of the period specified in such warning. RailTel shall initiate action for blacklisting such bidder/successful bidder.

4.A.54 Make in India

The bidder may set up his manufacturing unit in India to the extent possible through a subsidiary or under license or through transfer of technology to any local manufacturer permitted by the purchaser. The bidder may indicate such tie ups for manufacturing in India if an arrangement is already in place.

The provisions of the Public Procurement (Preference to Make in India) Order 2017 dated June 15, 2017 (including revision issued on and 16.09.2020 subsequent amendments issued till opening of EoI, if any) by Department of Industrial Policy and Promotion, GoI shall apply to this EoI to the extent feasible. The eligibility criteria as mentioned in clause 4.A.21 shall be applicable to local manufacturers/OEMs also.

4.A.55 Contract Agreement

On completion of the selection process, RailTel will enter into a contract agreement with the selected bidder(s). The contract entered with RailTel would be operated by RailTel. The Contract Agreement shall be entered by RailTel only after submission of valid Performance Guarantee by

the successful bidder. Failure to do so shall constitute a breach of the agreement affected by the acceptance of the EoI. In such cases RailTel may determine that such Bidder has abandoned the contract and there upon his EoI and acceptance thereof shall be treated as cancelled and RailTel shall be entitled to take action and to forfeit other dues payable to the Contractor under this contract. The failed Contractor shall be debarred from participating in the re-EoI for that work.

The following documents would form part of the agreement between RailTel & the successful bidder: -

This EoI document/EoI and all the issued addendum/ corrigendum.

The bidder's proposal in response to this Eol/Eol and clarifications made in course of evaluation, including all Appendixes, and supporting documents.

The implementation plan identifying the tasks to be completed, the assigned responsibilities and the scheduled completion dates.

Copy of Signed LOA along with the copy of the PBG document.

4.A.56 Damage to Railway Property or Private Life and Property:

The Contractor shall be responsible for all risk to the work and for trespass and shall make good at his own expense all loss or damage whether to the works themselves or to any other property of RailTel/ customer or the lives, persons or property of others from whatsoever cause in connection with the works until they are taken over by RailTel/ Dy.CSTE/PROJ/T/SC although all reasonable and proper precautions may have been taken by the Contractor.

In case RailTel shall be called upon to make good any costs, loss or damages, or to pay any compensation, including that payable under the provisions of the Workmen's Compensation Act or any statutory amendments thereof to any person or persons sustaining damages as aforesaid by reason of any act, or any negligence or omissions on the part of the Contractor; the amount of any costs or charges including costs and charges in connection with legal proceedings, which RailTel may incur in reference thereto, shall be charged to the Contractor. RailTel shall have the power and right to pay or to defend or compromise any claim of threatened legal proceedings or in anticipation of legal proceedings being instituted consequent on the action or default of the Contractor, to take such steps as may be considered necessary or desirable to ward off or mitigate the effect of such proceedings, charging to Contractor, as aforesaid; any sum or sums of money which may be paid and any expenses whether for reinstatement or otherwise which may be incurred and the propriety of any such payment, defence or compromise, and the incurring of any such expenses shall not be called in question by the Contractor.

CHAPTER- 4B: INSTRUCTIONS TO THE BIDDERS

4.B.0 General

These are the Special Instructions to the Bidders for e-Eol.

4.B.1 Order of Priority of Contract Documents:

The documents forming this EoI document are to be taken as mutually explanatory of each other. For purpose of interpretation, the precedence and priority of the documents shall be in the following sequence:

Agreement (applicable after signing)

Letter of Acceptance of Eol

Notice Inviting Eol

Bid Data Sheet

Schedule of Requirements

Instructions to the Bidders

Annexure/Appendix to Eol

Forms of Bid

Commercial Terms and Conditions of the Contract

Technical Specifications

Relevant Codes and Standards

Drawings

Note: If any ambiguity or discrepancies is found in the EoI document, RailTel reserves the right to issue any clarification or instructions necessary to correct such ambiguity or discrepancy and such clarification/instruction shall be final and binding on the bidder and RailTel.

4.B.2 Submission of Bids only through online process is mandatory for this Eol E-Eol is a new methodology for conducting Public Procurement in a transparent and secured manner. Now, the Government of India has made e-Eol mandatory. Suppliers/ Vendors will be the biggest beneficiaries of this new system of procurement. For conducting electronic Eol, Rail-Tel has decided to use the portal https://railtel.eNivida.com.

Bidders are advised to visit the E-Nivida Portal for details related to E-Eol i.e., Registration, FAQ, Helpdesk, Learning Center etc.

4.B.2.1. Eol Bidding Methodology:

Bidder has to submit single packet of the bid (

Helpdesk

Please visit Helpdesk section on RailTel E-Nivida Portal.

RailTel Contact-I (for general Information)

As mentioned in BDS (Chapter-5)

RailTel Contact-II (for general Information)

As mentioned in BDS (Chapter-5)

4.B.2.2. Bid related Information for this Eol

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

Broad outline of submissions are as follows:

- 1. Submission of Scan copy of Earnest Money Deposit (EMD) in the form of BG
- 2. Submission of digitally signed copy of EoI Documents/Addenda/Corrigenda
- 3. Bid
- 4. Online response to Terms & Conditions of Eol.

NOTE:

- I. Bidder must ensure that the bid must be successfully submitted online as per instructions of E-Nivida Portal.
- II. Bidder may submit their offer depending upon meeting of the qualification criteria and other terms & conditions of the Eol. However, Price bid of the bidder shall only be opened once the bidder offer is found meeting the qualification criteria and other terms & conditions of the Eol.

4.B.3. Online Submissions:

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

Scan copy of EMD (in the form of BG) to be submitted online through E-Nivida Portal .

Integrity pact to be submitted as per Clause 4.A.51 (Form No. 5, Chapter-6). Original copies are needed to be submitted by the successful bidder before issuance of LOA.

Constitution of Firm and Power of attorney to be submitted online as per Clause 4.A.45. Original copy is needed to be submitted by the successful bidder before issuance of LOA.

System Performance Guarantee (Form No. 2, Chapter-6). Original copy is needed to be submitted by the successful bidder before issuance of LOA.

Affidavit (Form No. 4 Chapter-6). Original copy is needed to be submitted by the successful bidder before issuance of LOA.

All forms from form 1 to 16 as applicable

g) Unpriced Commercial Bid with Make and Model(prices blocked)

Hard copy may be sought by RailTel offline for verification/clarification, after opening of the e-bid response on E-Nivida Portal (e-Procurement), if required.

4.B.4 Submission of Eligibility Criteria related documents

All Eligibility criteria related documents as applicable shall be scanned and submitted ONLINE.

NOTE: It is advised to all bidders to submit their offer online well before the closing time of EoI to avoid any last-minute issues in uploading. Its bidder's responsibility to proactively plan for the bid submission and 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 EoI

opening event, during e-auction, it is the bidder's responsibility to have backup internet connections.

4.B.5 Preparation of Bids

Bidder should take into account any corrigendum published on the EoI document before submitting their bids. Please go through the EoI advertisement and the EoI document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents including the names and content of each of the document that need to be submitted.

Bidder, in advance, should get ready the bid documents to be submitted as indicated in the Eol document/schedule and generally, they can be in PDF/SLS/RAR/DWF formats. Bid documents may be preferably scanned with 100 dpi with black and white option.

4.B.6 Instructions for EoI Document to the Bidders

The NIT and link to EoI is published on www.railtelindia.com E-Nivida Portal and the EoI is published on E-Nivida, a online Portal https://railtel.eNivida.com only.

NOTE: For online bid submission the bidder will have to necessarily download an official online copy of the EoI documents from E-Nivida Portal, and this should be done well before the dead-line for bid-submission.

4.B.7 Submission of Offers and Filling of Eol:

This e-Eol should be duly submitted online using the e-Procurement Portal https://railtel.eNivida.com. For detailed instructions please refer to E-Nivida Portal.

4.B.8 Attendance of Representatives for Eol Opening:

Representatives of bidders desirous to attend the EoI 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 EoI opening. Authorized representatives of those firms who have submitted the EoI documents alone shall be allowed to attend the EoI opening.

4.B.10 Addenda / Corrigenda:

Addenda / Corrigenda to the Eol documents may be issued by RailTel prior to the date of opening of the Eols, to clarify or reflect modifications in the contract terms and conditions or in the design. Such addendum/corrigendum shall be available on e-Nivida and RailTel website. Bidders who are unable or unwilling to bring their Eols to conform to the requirements of RailTel are liable to be **REJECTED**.

4.B.11 Ambiguity/ Pre- Bid Clarification Requests:

If there is any ambiguity or doubt as to the meaning of any of the EoI clauses/ conditions or if any additional information required, the matter should immediately be referred to RailTel in writing through emails to RailTel Contacts mentioned in BDS.

4.B.12 Compulsory Compliance Conformations by all Participating Bidders

The instructions given in the Eol document are binding on the bidder and submission of the Eol shall imply unconditional acceptance of all the Terms & conditions by the bidder.

Each and every page of submitted EoI document including documentation shall be serially numbered & indexed. Bidders shall enclose relevant documents in their bid document to support their claims of experience/ eligibility/compliance meeting criteria mentioned under different clauses of the EoI.

In case some false information is submitted by any bidder in support of experience, performance certificate, financial turnover, etc., then the bidder EoI shall be RE-JECTED and action will be taken as per 4.A.30

RailTel shall be sole judge in the matter of shortlisting bidders at all stages of the Eol and the decision of RailTel shall be final and binding on the bidders.

4.B.13 Undertakings to be submitted by OEM

The Bidder shall submit undertakings from OEMs of following items. The undertaking shall be as per form 14.

CHAPTER- 5: BID DATA SHEET (BDS)

The section consists of provisions that are specific to various Clauses of the EoI document

| Clause | Description |
|---------------------------------|---|
| Clause 4.A.1, Chapter-4-A, | Validity of offer Validity: The offers submitted shall be valid for a period of 90 days from the date of opening of Eol. |
| Clause 4.A.2, Chapter-4-A, | Warranty As per Dy.CSTE/PROJ/T/SC tender document attached |
| Clause 4.A.5, Chapter-4-A, | Delivery/Implementation Timelines As per Dy. CSTE/Projects/T/SC Tender document attached. |
| Clause 4.A.5.7, Chapter-4-A, | Billing Address: The Executive Director RailTel Corporation of India Ltd., 1-10-39 to 44, 6A, 6th Floor, Begumpet Airport Road, Opp. Shoppers Stop, Begumpet, Hyderabad- 500 016 Fax: +91-40-27820682, Tel: +91-40-27788000 |
| Clause 4.A.21, Chapter-4-A, | Eligibility Criteria Requirements for Empaneled Business Associates/DSP As mentioned in the EoI document. |
| Clause 4.A.28, Chapter-4-A, | Purchaser's Right to Vary Quantities (As per DY.CSTE/PROJ/T/SC tender document) |
| Clause 4. A.31 | As per EoI notice. Soft Copy of EMD in the form of BG/DD/Online to be submitted online through E-Nivida Portal. Physical copy of EMD in the form of BG/DD/Online paymentmust be submitted within 2 days of Last Date of Submission of Bid. |
| Clause 4.A.44, Chapter-4-A, | Last Date of Submission of Offer (Online) Date: 28.05.2023(Last Date of uploading of the Eol document on E-Nivida Portal) Time: 15:00 hours Date of Opening of Eol (Online) Date: 28.05.2023(Date of bid opening on E-Nivida Portal) Time: 15:30 hours |

| Clause | Description | | |
|--|---|--|--|
| Clause 4.B.2.1, Chapter-4-B, | RailTel Contact-I (for general Information) Sh. Shailendra Dusa, DGM/Marketing Telephone: Tel: +91-40-27788000, Ext:532 Mobile: 9866327886 Email ID: sdusa@railtelindia.com RailTel Contact-II (for general Information) RailTel's Contact Officer Sh. Vikrant K,Jt.GM /Mktg, Telephone: Tel: +91-40-27788000, Ext:551 Mobile: 9003144205 Email ID: Vikrantk@railtelindia.com | | |
| Chapter-1, Chapter-6, Regional Ad- dress, | The Executive Director RailTel Corporation of India Ltd., 1-10-39 to 44, 6A, 6th Floor, Begumpet Airport Road, Opp. Shoppers Stop, Begumpet, Hyderabad- 500 016 E-mail ID: kmr@railtelindia.com | | |

Note:

1. If the details given in BDS contradict with referred clause in the detailed EoI document, the details in BDS will have overriding priority (as per clause 4.B.1) over the referred clause in the EoI document.

CHAPTER- 6: FORM(S)/ PROFORMA(S)

Form No. 1 - PROFORMA FOR "PERFORMANCE BANK GUARANTEE BOND (PBG)" (To be stamped in accordance with stamp act)

Form No. 1: PROFORMA OF BANK GUARANTEE

(To be submitted by the vendor for claiming payment)

RailTel Corporation of India Ltd., 1-10-39 to 44, 6A, 6th Floor, Begumpet Airport Road, Opp. Shoppers Stop, BEGUMPET, HYDERABAD- 500 016 **BANK GUARANTEE NO:** DATE: Dear Sir(S) This has reference to the Purchase Order No. Dated been placed by RailTel Corporation of India Limited (RAILTEL) on M/s (Name & Address of vendor) for supply, installation, commissioning and warranty of (description of items) at RailTelCustomer sites. The conditions of this order provide that the vendor shall, Arrange to deliver the items listed in the said order to the consignee, as per details given in said order, and Arrange to install and commission the items listed in said order at client's site, to the entire satisfaction of RAILTEL and Arrange for the comprehensive warranty service support towards the items supplied by vendor on site as per the warranty clause in said purchase order. M/s (Name of Vendor) has accepted the said purchase order with the terms and conditions stipulated therein and have agreed to issue the performance bank guarantee on their part, towards promises and assurance of their contractual obligations vide the Supply Order No. M/s. (name of vendor) holds an account with us and has approached us and at their request andin consideration of the promises, we hereby furnish such guarantees as mentionedhereinafter.

RAILTEL shall be at liberty without reference to the Bank and without affecting thefull liability of the Bank hereunder to take any other undertaking of security in respect of the suppliers obligations and / or liabilities under or in connection withthe said contract or to vary the terms vis-a – vis the supplier or the said contract or to grant time and or indulgence to the supplier or to reduce or to increase or otherwise vary the prices or the total

contract value or to forebear from enforcement of all or any of the obligations of the supplier under the said contractand/or the remedies of RAILTEL under any security now, or hereafter held by RAILTELand no such dealing(s) with the supplier or release or forbearance whatsoever shall have the effect of releasing the bank from its full liability of RAILTEL hereunderor of prejudicing right of RAILTEL against the bank.

This undertaking guarantee shall be a continuing undertaking guarantee and shallremain valid and irrevocable for all claims of RAILTEL and liabilities of the supplierarising up to and until_(date)

This undertaking guarantee shall be in addition to any other undertaking or guarantee or security whatsoever the that RAILTEL may now or at any time have inrelation to its claims or the supplier's obligations/liabilities under and / or in connection with the said contract and RAILTEL shall have the full authority to takerecourse to or enforce this undertaking guarantee in preference to the other undertaking or security (ies) at its sole discretion and no failure on the part of C-DAC in enforcing or requiring enforcement of any other undertaking or security shall have the effect of releasing the bank from its full liability hereunder.

We (Name of Bank) hereby agree and irrevocably

| undertake and promise that if in your (RAILTEL's) opinion any default is made by M/s |
|---|
| (Name of Vendor) in performing any of the terms and /or condi- |
| tions of the agreement or if in your opinion they commit any breach of the contract or |
| there is any demand by you against M/s_(Name of Vendor), then on notice to us by you, |
| we shall on demand and without demur and withoutreference to M/s(Name of |
| Vendor), pay you, in any manner in whichyou may direct, the amount of |
| Rs/- (Rupees |
| Only) or such portion thereof as may be de- |
| manded by you not exceeding the said sum and as you may from time to time require. |
| Our liability to pay is not dependent or conditional on your proceeding against M/s |
| (Name of Vendor) and we shall be liable & obligated to |
| pay the aforesaid amount as and when demanded by you merely on an intimationbeing |
| given by you and even before any legal proceedings, if any, are taken against M/s |
| (Name of Vendor) |
| The Bank hereby waives all rights at any time inconsistent with the terms of this under- |
| taking guarantee and the obligations of the bank in terms hereof shall not be anywise |
| affected or suspended by reason of any dispute or disputes having been raised by the sup- |
| plier (whether or not pending before any arbitrator, Tribunal orCourt) or any denial of |
| liability by the supplier or any order or any order or communication whatsoever by the |
| supplier stopping or preventing or purporting to stop or prevent payment by the Bank to |
| RAILTEL hereunder. |

The amount stated in any notice of demand addressed by RAILTEL to the Bank as claimed by RAILTEL from the supplier or as suffered or incurred by RAILTEL on the

account of any losses or damages or costs, charges and/or expenses shall as between the Bank and RAILTEL be conclusive of the amount so claimed or liable to be paid to RAILTEL or suffered or incurred by RAILTEL, as the case may be and payable by the Bank to RAILTEL in terms hereof. You (RAILTEL) shall have full liberty without reference to us and without affecting this guarantee, to postpone for any time or from time to time the exercise of any of the powers and rights conferred on you under the contact with the said M/s _____(Name of Vendor) and to enforce or to forbear from endorsing any power or rights or by reason of time being given to the said M/s _____ (name of Vendor) which under law relating to the sureties would but for the provisions have the effect of releasing us. You will have full liberty without reference to us and without affecting this guarantee, to postpone for any time or from time to time the exercise of any of the powers and rights conferred on you under the contract with the said M/s (Name of Vendor) and to enforce or to forbear from endorsing any power or rights or by reason of time being given to the said M/s (Name of Vendor) which under law relating to the sureties would but for the provisions have the effect of releasing us. Your right to recover the said sum of Rs._____/- (Rupees only) from us in manner aforesaid will not be affected/ or suspended by reason of the fact that any dispute or disputes have been raised by the said M/s (Name of Vendor) and/ or that any dispute or disputes are pending before any officer, tribunal or court or Arbitrator. The guarantee herein contained shall not be determined or affected by the liquidation or winding up, dissolution or change of constitution or insolvency of the said M/s (Name of Vendor) but shall in all respects and for all purposes be binding and operative until payment of all dues to RAILTEL in respect of such liability or liabilities. Our liability under this guarantee is restricted to Rs._____/- (Rupees Only). Our guarantee shall remain in force until unless a suit action to enforce a claim under guarantee is filed against us within six monthsfrom (which is date of expiry of guarantee) all your rights under the said guaranteeshall be forfeited and we shall be relieved and discharged from all liabilities thereunder. We have power to issue this guarantee in your favour under Memorandum and Articles of Association of our Bank and the undersigned has full power to do underthe power of Attorney dated.

Notwithstanding anything contained herein:

| Our liability under this guarantee shall not exceed Rs(in words). This ibank guaran- |
|---|
| tee shall be valid up to& unless a suit for action to |
| enforce a claim under guarantee is filed against us within six months from thedate of |
| expiry of guarantee. All your rights under the said guarantee shall beforfeited and |
| we shall be relieved and discharged from all liabilities there afteri.e., after six months |
| from the date of expiry of this Bank guarantee. |
| We are liable to pay the guaranteed amount or any parts thereof under this bankguarantee only |
| and only if you serve upon us a written claim or demand or before |
| |
| The Bank guarantee will expire on (Min 37 months from the date of successfulinstal- |
| lations of the items in the order) |
| Granted by the Bank |
| Granted by the Bank |
| Yours faithfully, |
| |
| For (Name of Bank) |
| |
| SEAL OF THE BANK |
| Authorised Signatory |

Form No. 2: PROFORMA FOR "SYSTEM PERFORMANCE GUARANTEE"

(On Stamp Paper of Rs. One Hundred) (To be signed by the Bidder)

To
The Executive Director,
RailTel Corporation of India Ltd.,
1-10-39 to 44, 6A, 6th Floor, Begumpet Airport Road,
Opp. Shoppers Stop, BEGUMPET, HYDERABAD- 500 016

EOI Reference No.:

| Dear Sir, | Applicable for Bidder/OEM(s) directly participat | ing in the Tender |
|---|---|---|
| sign on the labeen careful specification when installed Tender docutives contain which may be additionathese additionathe date on the second sign of the second sign | pasis of which we have submitted our Tender no y made to conform to the end objectives in the Tender therein. We further guarantee that in the event of ed, not complying with the end objectives or with the ments, we shall provide further inputs to enable the ed in these documents without any additional paymer e required in this regard. We further guarantee that I inputs under the System Guarantee will be borne be nal inputs will be provided by us to make the system which this guarantee is invoked by the Purchaser. The form the date of commissioning of the system. | der documents and to technica the performance of the system e specifications contained in the RailTel to realize the end object of the any additional equipment all the expenses for providing y us. We further guarantee that morkable within 1 month from |
| Signature o | Sea | ure of Firm's Authorized Officer) |
| 1 | | |

Applicable for OEM(s)

2.

| I / We | hereby guarantee that the de- |
|--|--|
| sign on the basis of which we have submitted | our Tender no has |
| specification therein related to OEM's scope. If formance of the system, when installed, not confications contained in the Tender documents as to enable the RailTel to realize the end object additional payment for any additional equipment guarantee that all the expenses for providing the will be borne by us. We further guarantee that make the system workable within 1 month from | ectives in the Tender documents and to technical We further guarantee that in the event of the permplying with the end objectives or with the speciper OEM's scope, we shall provide further inputs tives contained in these documents without any towhich may be required in this regard. We further ne additional inputs under the System Guarantee to these additional inputs will be provided by us to make the these additional inputs will be provided by its make the date on which this guarantee is invoked by its make the date of commissioning of the date of commission of the date of commission of the date of commission of the date o |
| | (Signature of Firm's Authorized Officer) |
| | Seal |
| Signature of witness: | |
| 1 | |

Form No. 3: PROFORMA FOR "MAINTENANCE SUPPORT"

(To be signed by the Bidder as well as the OEMs)

Not applicable in this bid

Form No. 4: PROFORMA FOR AFFIDAVIT TO BE UPLOADED BY BIDDER ALONGWITH THE EOI DOCUMENTS

(To be signed by the Bidder)

| (To be executed in presence of pub . The stamp paper has to be in the | olic notary on non-judicial stamp paper of the value of Rs.100/- e name of the Bidder) ** |
|--|--|
| I(Name | e and designation)** appointed as the attorney/authorized sigonstituents), |
| M/s. | (hereinafter called the Bidder) for the purpose |
| of the EoI documents for the work | of , , , , , , , , , , , , , , , , , , , |
| | of (RailTel Region), do hereby solemnly affirm and |

- 1. I/We the Bidder (s), am/are signing this document after carefully reading the contents.
- 2. I/we the Bidder(s) also accept all the conditions of the EoI and have signed all the pages in confirmation thereof.
- 3. I/We hereby declare that I/We have downloaded the EoI documents from electronic-EoI portal. I/We have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the EoI document. In case of any discrepancy noticed at any stage i.e., evaluation of Bidders, execution of work or final payment of the contract, the master copy available with the RailTeI/DY.CSTE/PROJ/T/SC shall be final and binding upon me/us.
- 4. I/We declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
- 5. I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
- 6. I/We declare that the information and documents submitted along with the EoI by me/us are correct and I/we are fully responsible for the correctness of the information and documents submitted by us.
- 7. I/We undersigned that if the certificates regarding eligibility criteria submitted by us are found to be forged/false or incorrect at any time during process for evaluation of Eols, it shall lead to banning of business for five years on entire RailTel. Further, I/we (insert name of the Bidder) ** _____ and all my/our constituents understand that my/our offer shall be Summarily REJECTED.
- 8. I/we also understand that if the certificates submitted by us are found to be false/forged or by OEMs of the offered Hardware/Software incorrect at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of SD and Performance Guarantee besides any other action provided in the contract including banning of business for five year on entire RailTel.

| | DEPONENT |
|-----------------|------------------|
| SEAL AND | SIGNATURE |
| OF | THE BIDDER |

VERIFICATION

I/We above named Bidder do hereby solemnly affirm and verify that the contents of my/our above affidavit are true and correct. Nothing has been concealed and no part of it is false.

DEPONENT SEAL AND SIGNATURE OF THE BIDDER

Place: Dated:

** The contents in Italics are only for guidance purpose. Details as appropriate, are to be filled in suitably by Bidder. Attestation before Magistrate/Notary Public.

Form No. 5: PROFORMA FOR "SIGNING THE INTEGRITY PACT"

Form No. 6: PROFORMA FOR "NIL DEVIATION COMPLIANCE UNDERTAKING"

(To be signed by the Bidder)

To

The Executive Director,
RailTel Corporation of India Ltd.,
1-10-39 to 44, 6A, 6th Floor, Begumpet Airport Road,
Opp. Shoppers Stop, BEGUMPET, HYDERABAD- 500 016

Eol Reference No.:

Sub: NIL Deviation Compliance

Over and above all our earlier conformations and submissions as per your requirements of the EoI, we confirm that,

- 1. All proposed in scope are compliant to the technical specifications of the equipment as mentioned in the latest version of the specifications in the EoI.
- 2. We hereby certify that the hardware and software (if applicable) mentioned in our technical solution and Bill of Material (BOQ) are complete.
- 3. We confirm that there is no requirement of any other hardware and software to fulfill requirements as per scope against the Eol. If any additional hardware and software is required to meet in scope requirements, then it would be procured by us at no extra cost to RailTel.
- 4. We will also ensure our unconditional compliance of all the terms and conditions as mentioned in the EoI document including all corrigenda and specifications.
- 5. List of deviations (Partial Compliance and Non-compliance) from terms and conditions as mentioned in the EoI document including all corrigenda and specifications, if any, is enclosed as Annexure with this form. We understand that any partial compliance or non-compliance, may result in **REJECTION** of our bid.

| Seal | and | signature | ot | the | bidder |
|-------|----------------|-----------|----|-----|--------|
| Place |) : | | | | |

Date:

(This letter should be on the letterhead of the bidder duly signed by an authorized signatory)

Form No. 7: PROFORMA FOR "NO MALICIOUS CODE UNDERTAKING LETTER BY BIDDER and OEM

| То | |
|-------------------|---|
| Railtel 1-10-3 | xecutive Director, Corporation of India Ltd., 9 to 44, 6A, 6th Floor, Begumpet Airport Road, Shoppers Stop, BEGUMPET, HYDERABAD- 500 016 |
| Eol Re | eference No.: |
| Sub: | Undertaking for No Malicious Code |
| Dear S | Sir, |
| | Over and above all our earlier conformations and submissions as per your requirements of the EoI, we confirm that, |
| 1. | All proposed hardware and software components in scope of supplies < OEM related supply/component> when shipped by, does not contain embedded malicious code that would activate procedures to:- |
| b. | Inhibit the desired and designed function of the equipment. Cause physical damage to the user or equipment during the exploitation. Tap information resident or transient in the equipment/networks. |
| 2. | We, will be considered to be in breach in case physical damage or malfunctioning is caused due to activation of any such malicious code in embedded software and thus be liable to repair, replace or refund the price of the infected software if reported (or, upon request, return) to the party supplying the software to Customer, if different than |
| 3. | Security breach or damages to system, if any, so caused by any embedded malicious code or otherwise, due to the act of either OEM or bidder or both, the OEM as well as the bidder would be considered liable jointly or severally and shall be banned for conducting any business with RailTel. Also the present contract, may liable to be terminated by the purchaser. |
| Place: Date: | Seal and signature of the bidder |
| (This I tory) | etter should be on the letterhead of the Bidder & OEM duly signed by an authorized signa- |

Form No. 8: PROFORMA FOR "MANUFACTURER'S AUTHORIZATION FORM"

Note:

| Note: | This authorization letter should be printed on the letterhead of all the original equipment manufacturer (OEM) and should be signed by a competent person having the power of attorney to bind the manufacturer. |
|-----------------------------------|---|
| Railtel C 1-10-39 | orporation of India Ltd., to 44, 6A, 6th Floor, Begumpet Airport Road, oppers Stop, BEGUMPET, HYDERABAD- 500 016 |
| - | Undertaking by Principal Manufacturer against EoI number for |
| Ref: Bid I | Nodated |
| | |
| Dear Sir, | |
| We, M/s | (Name of the manufacturer) having registered office at (address of the manufacturer) by virtue of being manufacturer for |
| | (Name of the product/s), hereby certify that M/s (Name of the aving their office at (Address of bidder) are our Authorised Distributors/ or our range of products quoted by them, as listed below: |
| 1 | |
| 2 | |
| technical benchma plied and | e scope of requirement as per the tender mentioned above, we undertake to provide & other support towards fulfilling the requirements of installation, commissioning, rking, acceptance criteria and product warranty services of the components to be supinstalled at the Dy. CSTE/Projects/T/SC Customer sites by M/s. (Name of bidder) aid tender. |
| | certify that the products offered are not nearing end-of-life / end-of-support five years line from the date of bidding. |
| | support our range of products offered by M/s in the above said bid rranty of 3 (three) years |
| The unde | rsigned is authorised to issue this certificate on behalf of M/s |

| (Name of the m | anufacturer). |
|-----------------|----------------------------|
| For M/s | (Name of the manufacturer) |
| Signature & cor | npany seal |
| Name | |
| Designation | |
| Email | |
| Mobile No | |

Form No. 9: PAST EXPERIENCE FORM (To be submitted each for of the eligibility criteria / Experience ask in the Pre-Qualifying criteria mentioned in Bid data sheet.)

| SN | Item | Details | | | | |
|------------------------|---|---------|--|--|--|--|
| 1. General Information | | | | | | |
| i. | Customer Name | | | | | |
| ii. | Details of Contact Person | | | | | |
| iii. | Name | | | | | |
| iv. | Designation | | | | | |
| V. | Email | | | | | |
| Vi. | Mailing Address | | | | | |
| vii. | Phone | | | | | |
| viii. | Fax | | | | | |
| 2. G | eneral Information | | | | | |
| i. | Name of the Project | | | | | |
| ii. | Government/Private/PSU/Others please specify | | | | | |
| iii. | Start Date and End Date of PO/LOA | | | | | |
| iv. | Current Status (Completed/Work in Progress) | | | | | |
| V. | Contract Tenure | | | | | |
| 3. P | roject detail | | | | | |
| I. | Order Value of the project | | | | | |
| II. | Please Provide customer certificate and Work order for executed Scope | | | | | |
| iii. | Narrative description of Project including technology deployed | | | | | |
| iv. | Key project components | | | | | |

Certification: I, the undersigned, certify that these data correctly describe the Projects implemented by our Company.

(Signature)
(Name of Authorized Signatory)
(Designation)
(Date)
(Name and address of the bidder)

(Company Seal)

Form No. 10 - PROFORMA FOR SELF CERTIFICATION REGARDING LOCAL CONTENT (LC) FOR TELECOM PRODUCT, SERVCIES OR WORKS

(For OEM's claiming preference as Domestic Manufacturer under PMI policy)

| | , | | | | |
|--|--|--|---|--|------------|
| Date: | | | | | |
| | | | W/o v solemnly affirm ar | |)f |
| | C | io nereb | 501e11111ly alli1111 al | iu deciale as ulidel. | |
| | | | conditions of Department of No:dated | | ′- |
| under inated | take to produce relevant r | ecords b | er is correct to best of my efore the procuring entity or unications, Government of | any other authority so nom | ۱- |
| | • | | te the said Telecom Produc he correctness of the claims | | n |
| be income an automorphism and I Order 1 agreements | orrect and not meeting the thority so nominated by th will be liable as under cla 2017. se to maintain all information | e prescri e Depar ause 9 (on regard | m Product/Services/Works red LC norms, based on the ment of Telecommunication of Public Procurement (Parting my claim for LC in the Cofor verification to any statute | e assessment of is, Government of India reference to Make in India ompany's record for a period | 1) |
| i) ii) iii) iv) v) vi) vii) viii) ix) x) xii) | nature of legal entity) Date on which this certific Telecom Product/Service Procuring agency to who Percentage of LC claime Name and contact details Sale Price of the product Ex-Factory Price of the p Freight, insurance and ha Total Bill of Material List and total cost value vices/Works List and total cost of inpulocal suppliers, if the inpul | cate is is es/Works m the ce d s of the ure andling e of inputs which at is not in the center of the | for which the certificate is prificate is furnished nit of the manufacturer ts used for manufacture of are locally sourced. Please | roduced f the Telecom Product/Ser e attach LC certificates fron | r - |
| For ar | nd on behalf of | (Name | of firm/entity) | | |

Authorized signatory (To be duly authorized by the Board of Directors resolution) ${\rm Page}~49~{\rm of}~66$

<Insert Name, Designation and Contact No. and date>

Form No. 11 - CONTRACT AGREEMENT

| (CA No) |
|--|
| This AGREEMENT is made at <location of="" office="" ro=""> on this day of two thousand and twenty three by and between RailTel Corporation of India Limited (A Govt. of India Undertaking) having its Registered & Regional office at Plat-A, 6th Floor, Office Block-II, East Kidwai Nagar, New Delhi-110023, acting in the premises through ED or his authorized representative (hereinafter referred to as 'RailTel', which expression should unless repugnant to the context or meaning thereof include its successors and permitted assigns) of the one part;</location> |
| Andhaving its registered office at |
| Whereas in response to a call for Eol by RailTel for the work of "" for RailTel Cor- |
| poration of India Limited as per Eol papers at Annexure 'A' read with Corrigendum issued by RailTel hereto, the Contractor has submitted offer letter as per Annexure 'B' hereto |
| AND WHEREAS the said EoI of the Contractor has been accepted for the work of " |
| Now this agreement witnesses that in consideration of the premises and the payment to be made by the Purchaser (RailTel) to the Contractor provided for herein, the Contractor shall supply all equipment and materials and execute and perform all works for which the said EoI of the Contractor has been accepted strictly according to the various provisions in Annexure 'B' and 'C' hereto and upon such supply, execute and performance to the satisfaction of the purchaser (RailTel) and the purchaser (RailTel) shall pay to the Contractor at the rates accepted as per the said Annexure 'C' and in terms of the provisions therein. |
| IN WITNESS whereof both the parties have hereunto set and subscribed their respective hands and/or seals on the day and year respectively mentioned against their respective signatures. |
| Signed and delivered by Shri for and on behalf of RailTel Corporation of India Ltd. |
| The contract within named in the presence of: |

| 1. | Signatures Date Name in Block Capitals Address: | | |
|------|--|---------------|----------|
| 2. | Signatures Date Name in Block Capitals Address: | | |
| Sign | ed and delivered by Shri | for and on be | ehalf of |
| The | contractor within named in the presence of : | | |
| 1. | Signatures Date Name in Block Capitals Address: | | |
| | | | |

Form No. 12 - EMD

Bank Guarantee Bond from any scheduled commercial bank of India

(On non-judicial stamp paper, which should be in the name of the Executing Bank).

| Date: | |
|--|-------------------------|
| Bank Guarantee Bond No.: Da | te: |
| In consideration of the RailTel acting through (Designation & address of Contracting Authority), RailTel,, (Hereinafter called "The RailTel") having the bid for through Notice inviting EoI (NIT) No, We have be formed that [Insert name of the Bidder] (hereinafter called "the Bidder" tends to submit its bid (hereinafter called "the Bid"). | g invited een in- |
| WHEREAS the Bidder is required to furnish Bid Security for the sum of [Insert requir of Bid Security], in the form of Bank Guarantee, according to condibid. | |
| AND | |
| WHEREAS[Insert Name of the Bank], with its Branch[Insert Address] ing its Headquarters office at[Insert Address], hereinafter called the Bank, acting[Insert Name and Designation of the authorized persons of the Bank], has request of the Bidder, agreed to give guarantee for Bid Security as hereinafter contained of the RailTel: | g through ve, at the |
| 1. KNOW ALL MEN that by these present that I/We the undersigned [Insert na authorized representatives of the Bank] , being fully authorized to sign and inc tions for and on behalf of the Bank, confirm that the Bank, hereby, unconditionally | ur obliga- |

1. The Bank undertakes to immediately pay on presentation of demand by the RailTel any amount up to and including aforementioned full amount without any demur, reservation or recourse. Any such demand made by the RailTel on the Bank shall be final, conclusive, and binding, absolute and unequivocal on the Bank notwithstanding any disputes raised/pending before any Court, Tribunal, Arbitration or any Authority or any threatened litigation by the Bidder or Bank.

ocably guarantee to pay to the RailTel full amount in the sum of **[Insert required Value of**

Bid Security] as above stated.

2. The Bank shall pay the amount as demanded immediately on presentation of the demand by RailTel without any reference to the Bidder and without the RailTel being required to show grounds or give reasons for its demand of the amount so demanded.

- 3. The guarantee hereinbefore shall not be affected by any change in the constitution of the Bank or in the constitution of the Bidder.
- 4. The Bank agrees that no change, addition, modifications to the terms of the Bid document or to any documents, which have been or may be made between the RailTel and the Bidder, will in any way absolve the Bank from the liability under this guarantee; and the Bank, hereby, waives any requirement for notice of any such change, addition or modification made by RailTel at any time.
- 5. This guarantee will remain valid and effective from........... [insert date of issue] till [insert date, which should be minimum 120 days beyond the expiry of validity of Bid]. Any demand in respect of this Guarantee should reach the Bank within the validity period of Bid Security.
- 6. The Bank Guarantee is unconditional and irrevocable.
- 7. The expressions Bank and RailTel herein before used shall include their respective successors and assigns.
- 8. The Bank hereby undertakes not to revoke the guarantee during its currency, except with the previous consent in writing of the RailTel. This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No.758.
- 9. The Bank hereby confirms that it is on the SFMS (Structured Financial Messaging System) and shall invariably send the advice of this Bank Guarantee to the following bank details

| IFSC CODE | UBIN0805050 |
|-------------|---|
| ACCOUNT NO | 327301010373008 |
| IFSC TYPE | Branch |
| BANK NAME | Union Bank |
| BRANCH NAME | RP Road Branch, Secunderabad – 500003 |
| CITY NAME | Hyderabad |
| ADDRESS | Bungalow no 109, New No 1-7-252 to 254 Ox- |
| | ford Street, SD Road, Near Parklane Center, |
| | Secunderabad – 500003 |
| DISTRICT | Hyderabad |
| STATE | Telangana |
| BG ENABLED | YES |

The Guarantee shall be valid in addition to and without prejudice to any other security Guarantee(s) of Bidder in favour of the RailTel. The Bank, under this Guarantee, shall be deemed as Principal Debtor of the RailTel.

| Date | |
|-----------------------------|-----------------------------------|
| | |
| Place ture(s) | Bank's Seal and authorized signa- |
| [Name in Block letters] | |
| [Designation with Code No.] | |

[P/Attorney] No.

Witness:

- 1 Signature, Name & Address & Seal
- 2 Signature, Name& address & Seal

Bank's Seal

[P/Attorney] No.

Note: All italicized text is for guidance on how to prepare this bank guarantee and shall be deleted from the final document.

MANDATORY – REGISTRATION SHRAMIK KALYAN PORTAL

- A. "Contractor is to abide by the provisions of Payment of Wages act & minimum Wages act in terms of clause 54 ad 55 of Indian Railways General Condition of Contract. In order to ensure the same, and application has been developed ad hosted on website www.shramikkalyan.in-dianrailways.gov.in. Contractor shall register his firm/ company etc. and upload requisite details of labour and their payment I this portal. These details shall be available in public domain. The Registration/ updation of Portal shall be done as under:
- a) Contractor shall apply for onetime registration of his company/firm etc. in the Shramik kalyan portal with requisite details subsequent to issue of Letter of Acceptance. Manpower resource shall approve the contractor's registration on the portal within 7 days of receipt of such request.
- b) Contractor once approved by Manpower resource, can create password with login ID (PAN No.) for subsequent use of portal for all LOAs issued in his favour.
- c) The contractor once registered on the portal, shall provide details of his Letter of Acceptance (LoA) / Contract Agreements on shramik kalyan portal within 15 days of issue of any LOA for approval of concerned engineer. Engineer shall update (if required) and approve the details of LoA filled by contractor within 7 days of receipt of such request.
- d) After approval of LoA by Engineer, contractor shall fill the salient details of contract labours engaged in the contract and ensure updating of each wage payment to them on shramik kalyan portal on monthly basis.
- e) It shall be mandatory upon the contractor to ensure correct and prompt uploading of all salient details of engaged contractual labour & payments made thereof after each wage period.

| В. | "While processing payment of any "On Account Bill" or "Final Bill" or release of "Advances" |
|----|---|
| | or "Performance Guarantee/Security Deposit", contractor shall submit a certificate to the |
| | Manpower resource or resources' representatives that "I have uploaded the correct details |
| | of contract labours engaged in connection with this contract and payments made to them |
| | during the wage period in Railways' Shramik kalyan portal at "www.shramikkalyan.indianrail- |
| | ways.gov.in" till Month Year." |

Form No. 13: Declaration regarding Land border sharing country

Certificate to be provided by Bidder/OEMs on their letter heads:

We have read the clause mentioned in Order (Public Procurement No. 1)No. F.No.6/18/2019-PPD of Public Procurement Division, Department of Expenditure, Ministry of Finance dated 23rd July 2020 and further Order/OMs regarding restrictions on procurement from a bidder/OEMs of a country which shares a land border with India.

In view of this, we certify that,

this bidder/OEM is not from such a country or, if from such a country, has been registered with the Competent Authority, I hereby certify that this bidder/OEM fulfils all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]"

i) Certificate for Bidder for Works involving possibility of sub-contracting

"I have read the clause regarding restrictions on procurement from a bidder/OEM of a country which shares a land border with India and on sub-contracting to contractors from such countries; I certify that this bidder/OEM is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. I hereby certify that this bidder/OEM fulfils all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached]".

Form No. 14: Undertaking by OEM regarding meeting delivery timeline and deploying manpower for Professional services

Format for Undertaking of Delivery & Services (From OEM)

Self-Certificate (To be on company letterhead)

Eol Reference No:

To,

RailTel Corporation of India Ltd. 1-10-39, 6A, 6th floor, Gumidelli Towers Begumpet Airport road, Opp. Shoppers Stop, Begumpet – 500016

Dear Sir,

Sub: Undertaking of Delivery and Services

Dear Sir,

We (<u>Name of OEM Company</u>) hereby undertake that the delivery of products associated with us would be delivered within 180 / 270 days from Placement of Order and the associated services along with entire installation, configuration and integration of all hardware and software supplied at DC, BCP, DR, and any remote sites (as applicable) within one month from delivery as per Terms & Conditions of DY.CSTE/PROJ/T/SC tender. Further, we comply with all the terms and conditions of the DY.CSTE/PROJ/T/SC tender during the warranty period.

We ensure that the OEMs will engages its Professional Services (PS) team for planning, design, implementation, integration, validation, handover, and training of the respective hardware and software components across site as per Dy. CSTE/Projects/T/SC tender. The engaged PS Team members would be OEM's employees and the OEM shall not further outsource these obligations to another vendor.

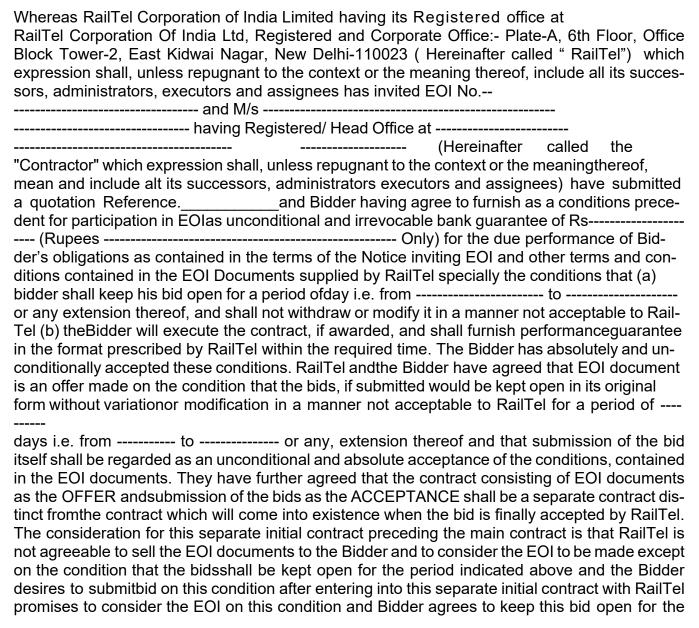
Authorized Signatory Name & Designation

Form No. 15: (PERFORMA OF BANK GUARANTEE TOWARDS Security Deposit)

Ref:To Bank Guarantee No.

RailTel Corporation of India Ltd., 1-10-39 to 44, 6A, 6th Floor, Begumpet Airport Road, Opp. Shoppers Stop, BEGUMPET, HYDERABAD- 500 016

Dear Sir(s),



| | contract between the parties. |
|----|--|
| 2. | Therefore, weregistered |
| | (indicate the name of Bank) under the laws of |
| | only) at any time immediately on such demand without anydemur, reservations, recourse, contest or protest and/ or without any reference to the Bidder and any such demand made by RailTel on the bank shall be conclusiveand binding notwithstanding any difference between RailTel and the Bidder or any dispute pending before any court/arbitrator or any other matter whatsoever. We also agree to give that Guarantee herein RailTel in writing. This guarantee shall not be determined/discharged/affected by the liquidation, winding up, dissolution or insolvency of the Bidder and will remain valid, binding and operative against the bank. |
| | 3. The bank also undertakes that RailTel at the option shall be entitled to enforcethis guarantee, against the Bank as a principal debtor, in the first instance, without proceeding against the Bidder. |
| | 4. The bank further agree that as between the bank and RailTel, purpose of theguarantee, any notice of the breach of the terms and conditions contained in the bid Documents as referred above given to the bank by RailTel shall be conclusiveand binding on Bank, without any proof, notwithstanding any other matter or difference or dispute whatsoever. We further agree that this guarantee shall not be <i>affected</i> by any change in our constitution, in the constitution of RailTel or that of the Bidder. We also undertake not to revoke, in any case, this Guarantee during its currency. |
| | 5. The bank agree with RailTel that RailTel shall have the fullest liberty withoutour consent and without affecting in any manner our obligations hereunder to varyany of the terms of the EOI or get extension of the validity period from time totime. We shall not be relieved from our liability by reason of any such variation or extension of the validity period or for any forbearance, act of omission and commission on the part of RailTel or any indulgence shown by RailTel to the said Bidder or by any such matter or thing whatsoever which under the law relatingto sureties, would, but for this provision, have the effect of so relieving us. |
| | 6. Notwithstanding anything contained here in above our liability under his Guarantee is limited to Rs (Rupees only) in aggregate and it shall remain in full force upto - |
| | (270 days from the date of bid opening) unless extended further fromtime to time, for such period as may be instructed in writing by M/s on whose behalf this guarantee has been given, in which case, it shall |
| | remain in full force upto the expiry of extended period. Any claim under this guarantee must be received by us before |
| | (date of expiry of validity period) or before the expiry of extended period, if any. If no such claim is received by us within the said date/extended date, the rights of Rail Tel under this guarantee will cease. However, if such a claim has been received by us within and upto the said |

required period. These reciprocal promises form the CONSIDERATION for this separate initial

date/extended date, all right of RailTelunder this guarantee shall be valid and shall not cease until we have satisfied thatclaim.

7. In case contract is awarded to the Bidder here in after referred to as "Contractor" the validity of this Bank Guarantee will stand automatically extended until the Bidder furnished to RailTel a bank guarantee for requisite amount towards performance guarantee for satisfactory performance of the contract. In case of failure to furnish performance bank Guarantee in the format prescribed by RailTel by the required date the claim must be submitted to us within validity period or extended period, if any. If no such claim has been received by us within the saiddate /extended date, rights, of RailTel under this guarantee will cease. However if such a claim has been received by us within the said date/extended date all rightsof RailTel under this guarantee shall be valid and shall not cease until we have satisfied that claim,

| In witness where of the Bank, through its authorised officer, day of (month & year) | has sent its hand & stamp on this |
|---|--|
| | Signature (Full name in capital Letters) Designation with bank stamp |
| Witness No.1 | |
| Signature (Full name and address in capital letters) | |
| Witness No.2 | |
| Signature (Full name and address in capital letters) | |
| Attorney as per power of attorneyNo | Date |

Form No. 16: Declaration / Certificate

to be provided by Statutory Auditor or Cost Auditor of the Company (in case of companies) or from a practicing Cost Accountant or practicing Chartered Accountant (in respect of suppliers other than companies)

Please submit the certificate as per format given below:

To:

Executive Director,
RailTel Corporation of India Ltd.
1-10-39, 6A, 6th floor, Gumidelli Towers Begumpet Airport road,
Opp. Shoppers Stop, Begumpet – 500016

Sub: bid for

Ref: EOI No.

We hereby certify that the goods / software being offered by us vide our proposal, comply with the provisions of Make In India Order No P-45021/2/2017-PP (BE-II), dated 16th Sept 2020 issued by Public Procurement Division, Department ofInvestment and Internal Trade, Ministry of Commerce, GoI, read with order number W-43/4/2019-IPHW- MeitY, dated 7th September, 2020 issued by IPWH division of MeitY, GoI for respective items.

We also certify that, we are not from a country sharing land border with India as defined in order No. F/No/6/18/2019-PPD dated 23 July 2020 issued by public procurement Division, Dept. of Expenditure, Ministry of Finance, GoI and the goodsoffered by us comply with the provisions of said order (details provided below).

We hereby certify the details pertaining to goods / software offered by us, against the tender requirement is given below:

| S.No | Item De- scription, Make, Model | Coun- try of origin of OEM | Country of Man- ufactu- reof item | Percentage of local contents as defined by order number W- 43/4/2019-IPHW-MeitY, dated 7th September, 2020issued by IPWH division of MeitY,Gol | Details of the loca- tion(s) at which thelo- cal value addition is made |
|------|--|--|---|--|---|
| 1 | Category I &II Items withde- scription | | | Consolidated MII / Local Content for the completeso- lution declared by System Integrator (SI)/ Bidder | |

Note 1: The Country of origin / manufacturing, should be declared for individual items being offered for both Category I & II items.

Note 2: RailTel reserves the right to Accept / Reject / Cancel the bid / bidder, at its sole discretion, based on the responses received against the MII and Land border sharing declarations submitted by the bidders / vendors.

Note 3: The System Integrator / Bidder, needs to provide the MII / Local content declaration as a consolidated figure for the complete solution. However, location of valueaddition should be declared for each item.

For (Name of bidder)

Authorized Signatory Name & Designation: Mobile No:

CHAPTER-7 Specifications and requirements

7.1 TECHNICAL, FUNCTIONAL REQUIREMENTS & SPECIFICATIONS

As per DY.CSTE/PROJ/T/SC tender document

- Note 1: It may kindly be noted that in the specification wherever support for a feature has been asked for, it will mean that the feature should be available without RailTel requiring any other hardware/software/licenses. Thus, all hardware/software/licenses required for enabling the support/feature shall be included in the offer.
- **Note 2:** Any additional hardware and software/license required for completion of work as per scope of this work shall be supplied by the selected bidder without any additional cost to RailTel.
- Note 3: The below mentioned technical specifications for the supply items are bare minimum requirements of the purchaser, the supply items quoted by bidder must comply with these technical specifications.

7.2 TECHNICAL SPECIFICATION

As per DY.CSTE/PROJ/T/SC tender document

CHAPTER-8: CHECK LIST

(To be filled up & uploaded)

A. <u>List of Documents to be Submitted with Technical Bid</u>

| 1. Offer Letter as per Chapter-1 2. Schedule of Requirements with quantities but with prices blanked out (this will be a replica of price bid with prices blanked out) format in Chapter-2 of SOR. 3. Breakup of individual itemized BOQ but prices blanked out with Make and Model. 4. Submission of scanned copy of Earnest Money Deposit (EMD) in the form of BG as per form 12(Chapter-6). 5. Audited balance sheet duly attested by Notary Public 6. Constitution of Firm and Power of Attorney as per clause 4.A.45 of Chapter-4. 7. Compliance to Technical Requirements as mentioned in Clause 3.A.1.11 of Chapter-3. 8. Copies of purchase orders and other documents in support of meeting qualifying criteria as mentioned in Clause 4.A.21 of Chapter-4. 9. Complete technical data sheets, MAFs and particulars of the equipment offered, as specified in the Tender papers together with descriptive literature, leaflets, Drawings, if any, complete with list etc. 10. Documentary proof of supporting the eligibility Criteria as mentioned in Clause 4.A.21 of Chapter-4. 11. Technical proposal of Bidder in conformity with system design 12. System Performance Guarantee as per Chapter 6, Form no. 2 13. (a) Undertaking by bidder on their letter head as per Clause 4.A.52 of Tender document. (b) Certificate by Statutory Auditor/Cost Auditor on their letter head (with UDIN number) as per Clause 4.A.52 of Tender document. 14. NIL Deviation certificate – Form No. 6 of Chapter-6 15. Integrity Pact - Form No. 5 of Chapter-6 16. All Form as mentioned in Chapter-6 | SN | Have you submitted the following documents? Submitted /complied Not | | Page No./ref No. of Offer |
|--|-----|--|--|---------------------------------|
| prices blanked out (this will be a replica of price bid with prices blanked out) format in Chapter-2 of SOR. 3. Breakup of individual itemized BOQ but prices blanked out with Make and Model. 4. Submission of scanned copy of Earnest Money Deposit (EMD) in the form of BG as per form 12(Chapter-6). 5. Audited balance sheet duly attested by Notary Public 6. Constitution of Firm and Power of Attorney as per clause 4.A.45 of Chapter-4. 7. Compliance to Technical Requirements as mentioned in Clause 3.A.1.11 of Chapter-3. 8. Copies of purchase orders and other documents in support of meeting qualifying criteria as mentioned in Clause 4.A.21 of Chapter-4. 9. Complete technical data sheets, MAFs and particulars of the equipment offered, as specified in the Tender papers together with descriptive literature, leaflets, Drawings, if any, complete with list etc. 10. Documentary proof of supporting the eligibility Criteria as mentioned in Clause 4.A.21 of Chapter-4. 11. Technical proposal of Bidder in conformity with system design 12. System Performance Guarantee as per Chapter 6, Form no. 2 13. (a) Undertaking by bidder on their letter head as per Clause 4.A.52 of Tender document. (b) Certificate by Statutory Auditor/Cost Auditor on their letter head (with UDIN number) as per Clause 4.A.52 of Tender document. NIL Deviation certificate – Form No. 6 of Chapter-6 | 1. | Offer Letter as per Chapter-1 | | |
| out with Make and Model. 4. Submission of scanned copy of Earnest Money Deposit (EMD) in the form of BG as per form 12(Chapter-6). 5. Audited balance sheet duly attested by Notary Public 6. Constitution of Firm and Power of Attorney as per clause 4.A.45 of Chapter-4. 7. Compliance to Technical Requirements as mentioned in Clause 3.A.1.11 of Chapter-3. 8. Copies of purchase orders and other documents in support of meeting qualifying criteria as mentioned in Clause 4.A.21 of Chapter-4. 9. Complete technical data sheets, MAFs and particulars of the equipment offered, as specified in the Tender papers together with descriptive literature, leaflets, Drawings, if any, complete with list etc. 10. Documentary proof of supporting the eligibility Criteria as mentioned in Clause 4.A.21 of Chapter-4. 11. Technical proposal of Bidder in conformity with system design 12. System Performance Guarantee as per Chapter 6, Form no. 2 13. (a) Undertaking by bidder on their letter head as per Clause 4.A.52 of Tender document. (b) Certificate by Statutory Auditor/Cost Auditor on their letter head (with UDIN number) as per Clause 4.A.52 of Tender document. 14. NIL Deviation certificate – Form No. 6 of Chapter-6 15. Integrity Pact - Form No. 5 of Chapter-6 | 2. | prices blanked out (this will be a replica of price bid with prices blanked out) format in Chapter-2 of SOR . | | |
| (EMD) in the form of BG as per form 12(Chapter-6). 5. Audited balance sheet duly attested by Notary Public 6. Constitution of Firm and Power of Attorney as per clause 4.A.45 of Chapter-4. 7. Compliance to Technical Requirements as mentioned in Clause 3.A.1.11 of Chapter-3. 8. Copies of purchase orders and other documents in support of meeting qualifying criteria as mentioned in Clause 4.A.21 of Chapter-4. 9. Complete technical data sheets, MAFs and particulars of the equipment offered, as specified in the Tender papers together with descriptive literature, leaflets, Drawings, if any, complete with list etc. 10. Documentary proof of supporting the eligibility Criteria as mentioned in Clause 4.A.21 of Chapter-4. 11. Technical proposal of Bidder in conformity with system design 12. System Performance Guarantee as per Chapter 6, Form no. 2 13. (a) Undertaking by bidder on their letter head as per Clause 4.A.52 of Tender document. (b) Certificate by Statutory Auditor/Cost Auditor on their letter head (with UDIN number) as per Clause 4.A.52 of Tender document. 14. NIL Deviation certificate – Form No. 6 of Chapter-6 15. Integrity Pact - Form No. 5 of Chapter-6 | 3. | out with Make and Model. | | |
| 6. Constitution of Firm and Power of Attorney as per clause 4.A.45 of Chapter-4. 7. Compliance to Technical Requirements as mentioned in Clause 3.A.1.11 of Chapter-3. 8. Copies of purchase orders and other documents in support of meeting qualifying criteria as mentioned in Clause 4.A.21 of Chapter-4. 9. Complete technical data sheets, MAFs and particulars of the equipment offered, as specified in the Tender papers together with descriptive literature, leaflets, Drawings, if any, complete with list etc. 10. Documentary proof of supporting the eligibility Criteria as mentioned in Clause 4.A.21 of Chapter-4. 11. Technical proposal of Bidder in conformity with system design 12. System Performance Guarantee as per Chapter 6, Form no. 2 13. (a) Undertaking by bidder on their letter head as per Clause 4.A.52 of Tender document. (b) Certificate by Statutory Auditor/Cost Auditor on their letter head (with UDIN number) as per Clause 4.A.52 of Tender document. 14. NIL Deviation certificate – Form No. 6 of Chapter-6 15. Integrity Pact - Form No. 5 of Chapter-6 | | (EMD) in the form of BG as per form 12(Chapter-6). | | |
| clause 4.A.45 of Chapter-4. 7. Compliance to Technical Requirements as mentioned in Clause 3.A.1.11 of Chapter-3. 8. Copies of purchase orders and other documents in support of meeting qualifying criteria as mentioned in Clause 4.A.21 of Chapter-4. 9. Complete technical data sheets, MAFs and particulars of the equipment offered, as specified in the Tender papers together with descriptive literature, leaflets, Drawings, if any, complete with list etc. 10. Documentary proof of supporting the eligibility Criteria as mentioned in Clause 4.A.21 of Chapter-4. 11. Technical proposal of Bidder in conformity with system design 12. System Performance Guarantee as per Chapter 6, Form no. 2 13. (a) Undertaking by bidder on their letter head as per Clause 4.A.52 of Tender document. (b) Certificate by Statutory Auditor/Cost Auditor on their letter head (with UDIN number) as per Clause 4.A.52 of Tender document. 14. NIL Deviation certificate – Form No. 6 of Chapter-6 15. Integrity Pact - Form No. 5 of Chapter-6 | 5. | Audited balance sheet duly attested by Notary Public | | |
| in Clause 3.A.1.11 of Chapter-3. 8. Copies of purchase orders and other documents in support of meeting qualifying criteria as mentioned in Clause 4.A.21 of Chapter-4. 9. Complete technical data sheets, MAFs and particulars of the equipment offered, as specified in the Tender papers together with descriptive literature, leaflets, Drawings, if any, complete with list etc. 10. Documentary proof of supporting the eligibility Criteria as mentioned in Clause 4.A.21 of Chapter-4. 11. Technical proposal of Bidder in conformity with system design 12. System Performance Guarantee as per Chapter 6, Form no. 2 13. (a) Undertaking by bidder on their letter head as per Clause 4.A.52 of Tender document. (b) Certificate by Statutory Auditor/Cost Auditor on their letter head (with UDIN number) as per Clause 4.A.52 of Tender document. 14. NIL Deviation certificate – Form No. 6 of Chapter-6 15. Integrity Pact - Form No. 5 of Chapter-6 | 6. | | | |
| port of meeting qualifying criteria as mentioned in Clause 4.A.21 of Chapter-4. 9. Complete technical data sheets, MAFs and particulars of the equipment offered, as specified in the Tender papers together with descriptive literature, leaflets, Drawings, if any, complete with list etc. 10. Documentary proof of supporting the eligibility Criteria as mentioned in Clause 4.A.21 of Chapter-4. 11. Technical proposal of Bidder in conformity with system design 12. System Performance Guarantee as per Chapter 6, Form no. 2 13. (a) Undertaking by bidder on their letter head as per Clause 4.A.52 of Tender document. (b) Certificate by Statutory Auditor/Cost Auditor on their letter head (with UDIN number) as per Clause 4.A.52 of Tender document. 14. NIL Deviation certificate – Form No. 6 of Chapter-6 | 7. | | | |
| 9. Complete technical data sheets, MAFs and particulars of the equipment offered, as specified in the Tender papers together with descriptive literature, leaflets, Drawings, if any, complete with list etc. 10. Documentary proof of supporting the eligibility Criteria as mentioned in Clause 4.A.21 of Chapter-4. 11. Technical proposal of Bidder in conformity with system design 12. System Performance Guarantee as per Chapter 6, Form no. 2 13. (a) Undertaking by bidder on their letter head as per Clause 4.A.52 of Tender document. (b) Certificate by Statutory Auditor/Cost Auditor on their letter head (with UDIN number) as per Clause 4.A.52 of Tender document. 14. NIL Deviation certificate – Form No. 6 of Chapter-6 15. Integrity Pact - Form No. 5 of Chapter-6 | 8. | port of meeting qualifying criteria as mentioned in | | |
| 10. Documentary proof of supporting the eligibility Criteria as mentioned in Clause 4.A.21 of Chapter-4. 11. Technical proposal of Bidder in conformity with system design 12. System Performance Guarantee as per Chapter 6, Form no. 2 13. (a) Undertaking by bidder on their letter head as per Clause 4.A.52 of Tender document. (b) Certificate by Statutory Auditor/Cost Auditor on their letter head (with UDIN number) as per Clause 4.A.52 of Tender document. 14. NIL Deviation certificate – Form No. 6 of Chapter-6 15. Integrity Pact - Form No. 5 of Chapter-6 | 9. | of the equipment offered, as specified in the Tender pa- pers together with descriptive literature, leaflets, Draw- | | |
| 11. Technical proposal of Bidder in conformity with system design 12. System Performance Guarantee as per Chapter 6, Form no. 2 13. (a) Undertaking by bidder on their letter head as per Clause 4.A.52 of Tender document. (b) Certificate by Statutory Auditor/Cost Auditor on their letter head (with UDIN number) as per Clause 4.A.52 of Tender document. 14. NIL Deviation certificate – Form No. 6 of Chapter-6 15. Integrity Pact - Form No. 5 of Chapter-6 | 10. | Documentary proof of supporting the eligibility Criteria as | | |
| Form no. 2 13. (a) Undertaking by bidder on their letter head as per Clause 4.A.52 of Tender document. (b) Certificate by Statutory Auditor/Cost Auditor on their letter head (with UDIN number) as per Clause 4.A.52 of Tender document. 14. NIL Deviation certificate – Form No. 6 of Chapter-6 15. Integrity Pact - Form No. 5 of Chapter-6 | 11. | Technical proposal of Bidder in conformity with system | | |
| per Clause 4.A.52 of Tender document. (b) Certificate by Statutory Auditor/Cost Auditor on their letter head (with UDIN number) as per Clause 4.A.52 of Tender document. 14. NIL Deviation certificate – Form No. 6 of Chapter-6 15. Integrity Pact - Form No. 5 of Chapter-6 | 12. | | | |
| 14. NIL Deviation certificate – Form No. 6 of Chapter-6 15. Integrity Pact - Form No. 5 of Chapter-6 | 13. | (a) Undertaking by bidder on their letter head as per Clause 4.A.52 of Tender document. (b) Certificate by Statutory Auditor/Cost Auditor on their letter head (with UDIN number) as per Clause | | |
| | 14. | NIL Deviation certificate – Form No. 6 of Chapter-6 | | |
| 16. All Form as mentioned in Chapter-6 | 15. | Integrity Pact - Form No. 5 of Chapter-6 | | |
| | 16. | All Form as mentioned in Chapter-6 | | |

| 17. | Any other information required to be submitted by the | |
|-----|---|--|
| | bidder as per technical and eligibility criteria. | |
| 18. | CVs of proposed Resources with qualification | |
| 19. | Submission of digitally signed copy of EOI | |
| | Documents/Addenda. | |
| 20. | Any other document mentioned in EOI Document | |
| | | |

DETAILS OF CREDENTIALS SUBMITTED AGAINST ELIGIBILITY CRITERIA OF BIDDER as per Clause 4.A.21 of Chapter-4:

| SNo | Have you submitted the following documents? | Submitted /complied or Not | Page No./ref No. of Offer |
|-----|--|----------------------------------|------------------------------|
| 1. | Schedule of Requirements with quantities and priced filled up (this will be a replica of technical bid with prices). | | |
| 2. | Breakup of individual itemized BOQ (as per Format given in SOR) as per format given in Chapter-2. | | |
| 3. | Any other information required to be submitted by the Bidder as per technical and eligibility criteria. | | |

| SN | Clause | Supporting documents | Details/Remarks | Page no of the Bid |
|----|--------|----------------------|-----------------|--------------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |

| Note: Non submission/ non-compliance | of above documents as | s deliberated in Che | eck List will make |
|--|-----------------------|----------------------|--------------------|
| the offer liable to be REJECTED . | | | |

| ************************************** |
|--|
|--|