



RAILTEL CORPORATION OF INDIA LIMITED

II floor, 'B' block, Rail Nilayam, Secunderabad-500071

TENDER DOCUMENT

Tender No: RailTel/Tender/OT/SR/HQ/VSAT Citra/2018-19/13, dt: 27.08.2018

Name of the Work

Supply, Installation, Testing & Commissioning of 9 Nos of VSAT Links with 6.5 Mbps pooled BW at different locations in Andaman & Nicobar and Lakshadweep Islands (India)



INDEX SHEET

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RailTel Corporation of India Limited
(A Government of India Undertaking)

Southern Region Head Quarters, Second Floor, B-Block, Rail Nilayam, Secunderabad-500071
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 Regd..Office: 10th Floor, Bank of Baroda Building, 16-Parliament Street, New Delhi-110001.
 Corp. Office at Plot no 143, Institutional Area, Sector-44, Gurgaon-122 003Tele: 0124-271400

OPEN TENDER NOTICE

Tender Notice No. RailTel/Tender/OT/SR/HQ/VSAT Citra/2018-19/13

Dt. 27.08.2018

RailTel Corporation of India Ltd., Secunderabad invites sealed tenders from established contractors with proven experience for the work of "Supply, Installation, Testing & Commissioning of 9 Nos of VSAT Links with 6.5 Mbps pooled BW at different locations in Andaman & Nicobar and Lakshadweep Islands (India) for Indian Coast Guard CITRA project as per scope of work schedule of requirement and specification in the tender documents (URL: www.railtelindia.com)

S. No	Name of the Work	Estimated Cost	EMD (rounded off to nearest 10)
1	Supply, Installation, Testing & Commissioning of 9 Nos of VSAT Links with 6.5 Mbps pooled BW at different locations in Andaman & Nicobar and Lakshadweep Islands (India)	Rs.1,02,84,440	Rs.2,01,430

a)	Sale of Tender Documents.	From 30.08.2018
b)	Closing of sale of Tender Documents	20.09.2018 at 15.00 hrs
c)	Submission of tender documents.	20.09.2018 on or before 15.00 hrs.
d)	Opening of tender documents.	20.09.2018 at 15.30 hrs.
e)	Earnest Money (EMD)# per section as specified above will be payable by Bank Draft in favour of RailTel Corporation of India Limited. Secunderabad	
f)	Cost of Tender Document* is. Rs. 5,600/- inclusive of GST@12% (Rs.500/- extra if required by post) payable by Bank Draft in favour of RailTel Corporation of India Limited. Secunderabad from any scheduled bank(Non-Refundable)	
g)	Completion Period : 60 (Sixty) days	

Eligibility Criteria for Tender:

- (1) Tenderer must have completed successfully at least one single similar work costing not less than 35% of the advertised tender value of work during the preceding three years (i.e. current financial year and three previous financial years) executed for Govt. /PSUs/ reputed private Telecom Service providers/reputed infrastructure providers.
- (2) **The Tenderer should have existing working VSAT Links at Andaman & Nicobar and Lakshadweep Islands- at the time of date of Opening of Tender.**
- (3) **The Tenderer should have VSAT Service License**
- (4) **The Tenderer should be having operations with valid commercial shared hub license on Ex-C broadband technology.**
- (5) The total contract amount received by the tenderer during the last three years as per Audited balance sheet should be a minimum of 150% of advertised Tender Value of work. Offers not accompanied by Audited balance sheet will not be considered.

For detailed qualifying criteria, please refer Para 15 of Section II chapter I of tender document.

*** Note:**

1. Firms registered with NSIC or any other body specified by Ministry of MSME for the tendered item / work is exempted from submission of cost of tender & EMD. However, postage charges of Rs. 500/- would have to be paid by them, in case they need tender document by post.
2. **Firms claiming for the above exemptions under NSIC/MSME or others, have to submit supporting documents as per clause no 5.6.1 of instructions to tenderers, Chapter-1 Section-II without which their offers will be considered as invalid and liable for rejection**
3. The bidder shall bear all costs associated with the preparation, submission/participation in the bid. Purchaser in no way will be responsible or liable for these costs regardless of the conduct or outcome of the bidding process

The offer should be kept open for acceptance for a period of **30 days** from the date of opening of the tender.

The Tenderers shall submit their offer in sealed envelopes. The offer completed in all respect **will be received up to 15.00 Hrs. on 20.09.2018 and will be opened on 20.09.2018 at 15.30 Hrs.** on the same day, in the presence of the Tenderer/s or their representative who may be present.

(Sd/-)

GM/Proj/SR

RailTel Corporation of India Ltd,
Southern Region, Secunderabad.

SECTION – I Chapter -1

Preamble

Tender No. RailTel/Tender/OT/SR/HQ/VSAT Citra/2018-19/13, dt: 27.08.2018

1. **Name of work:** “Supply, Installation, Testing & Commissioning of 9 Nos of VSAT Links with 6.5 Mbps pooled BW at different locations in Andaman & Nicobar and Lakshadweep Islands (India).
 2. **Scope of work:**
 - 2.1 The broad responsibility of the contractor under the scope of work for this tender shall be as under:
 - 2.2 **Supply:** Supply of items conforming to industry standards as per schedule and the Technical Specifications.
 - 2.2.1 **Services:** - Supply, Installation, Testing, Configuration and Commissioning and Operation of VSAT 9 Nos of VSAT Links with 6.5 Mbps pooled BW at different locations in Andaman & Nicobar and Lakshadweep Islands (India)
 - 2.2.2 **Survey:** Tenderer should survey the site to assess the quantum of work.
 - 2.2.3 **Network Drawings:** The Contractor shall submit the complete Network Diagram after the completion of the work for end-to-end connectivity.
 - 2.2.4 **Execution:** Approved drawings / plan has to be executed using the supply items of the Schedule of Requirement (SOR) as per the standard technical practice and Specifications given in this Tender Document as detailed in para 1 above.
 3. **Tender Bid** The tender bid shall be submitted in **sealed covers** super scribed with Tender No and addressed to Regional General Manager (Southern Region), RailTel Corporation of India Ltd, II floor, ‘B’ block, Rail Nilayam, Secunderabad-500 071.
 4. **Cost of Tender Book:** Rs. 5,600/- (inclusive of GST@12%) towards cost of tender book to be submitted in form of Demand Draft from any scheduled bank in favour of RailTel Corporation of India Ltd., payable at Secunderabad. Tender sealed and super scribed as mentioned above can also be sent by Registered Post with acknowledgement due, to the above mentioned Office. The Tenders which are received after the time and date specified above shall not be considered. For delays by Department of Posts/courier agency RailTel will not be responsible.
- Note:**
- i. Firms registered with NSIC or any other body specified by Ministry of MSME for the tendered supply/work/service is exempted from submission of Cost of Tender and EMD. However, copy of valid NSIC/MSME certificate must be submitted along with offer failing which their offer will be rejected. However, postage charges of Rs. 500/- would have to be paid by them, in case they need tender document by post.
 - ii. **Firms claiming for the above exemptions under NSIC/MSME or others, have to submit supporting documents as per clause no 5.6.1 of instructions to tenderers without which their offers shall be considered as invalid and liable for rejection**
5. **Qualifying Criteria** For participating in the tender, the contractor shall be required to meet the eligibility requirements as given in **Para 15 of Chapter-1 of Section-II** (Instructions to Tenderers and Conditions of Tendering) of the tender document.
 6. **Offer:** The tenderers are required to quote Percentage Basis for the Schedule both in figures and words as indicated in the schedule. If there is any discrepancy in the quoted percentage rates both in figures and words, the percentage rates quoted in words will be taken as final.
 7. **Last date of Submission:** The tender shall be received up to **15.00 hrs** of **20.09.2018** at the

Office of the Regional General Manager, RailTel Corporation of India Ltd, 2nd floor, 'B' block, Rail Nilayam, Secunderabad-500 071

8. **Date of Opening of Tender:** The tender will be opened at **15.30 hrs** on **20.09.2018** at the same address as mentioned above.
9. **Completion Period of Work:** The work is to be executed and to be completed within 60 (Sixty) days.
10. **Address to which correspondence and documents relating to the Contract should be sent:** Regional General Manager, RailTel Corporation of India Ltd, 2nd floor, 'B' block, Rail Nilayam, Secunderabad-500 071
11. **Earnest Money:** Tenderer shall deposit amount towards Earnest Money in a manner prescribed in **Para 5 Chapter I Section II**
12. **Security Deposit:** @5% of contract value will be deducted from on account bills as per **Para-3 of Special Conditions of Contract (Section II Chapter 2)** for due fulfillment of contract.
13. **PBG:** On receipt of Letter of Acceptance of Tender from the RailTel, the successful tenderer shall, within a period of 30 days, deposit in favour of RailTel Corporation of India Limited, Secunderabad an amount in terms of **Para-3 of Special Conditions of Contract (Section II Chapter 2)** towards Performance Bank Guarantee for due fulfillment of contract
14. **Specifications:** Reference of specifications of the important equipments and materials required for execution of the contract is given in the Technical Specification (Section III chapter I of tender document). The work shall be executed in compliance with all the technical requirements given therein.
15. **Schedule of Requirement:** The various items to be supplied and services to be provided by the tenderer are indicated in Schedule of Requirement as enclosed to this preamble (Section I Chapter II). The tenderer is advised to quote for all the items. The make and model of all the equipments proposed to be supplied must be indicated by the tenderer/s in the Schedule of Requirement.
16. **Survey and as made drawings:** as mentioned at para 2.2.3 above
17. **Materials to be supplied by RailTel:** Router at customer premises for 9 sites and RailTel MPLS PoP for integration of Hub as per schedule.
18. **Materials to be supplied by Contractor:** Tenderer's special attention is invited to the fact that no material except items mentioned in para 17 above shall be arranged/supplied by RailTel for commissioning the work. All materials including the materials covered under the Schedule of Requirement and those required achieving the end objective as required are to be supplied/transportation to be made by the contractor and No extra payment will be made under this account.
19. As a good tender practice, the tenderer is expected to submit giving all the information in the relevant forms attached as Annexure to this document and suitably numbering each page of the bid documents with a content list indicating availability of various documents with their serial numbers. In the absence of numbering of pages and the content list, there is a likelihood of any important document going unnoticed for which the tenderer shall be solely responsible.
20. In all matters, decision of Regional General Manager (Southern Region), RailTel Corporation of India Ltd, Secunderabad, will be final

TENDERER DATA SHEET**For**

Supply, Installation, Testing, Configuration, Commissioning and Operation of VSAT 9 Nos of Links with 6.5 Mbps pooled BW at Nine Locations in Andaman & Nicobar and Lakshadweep Islands, as per Schedule of Requirement and Specifications (Tender No RailTel/Tender/OT/SR/HQ/VSAT Citra/2018-19/13 dt: 27.08.2018

1	Name of the Organization	:
2	Name of the Authorized Person Submitting the Tender Documents (Submit the proof of authorizing the person to sign the tenders by the company on its behalf)	
3	Main line of Business	
4	Years of Experience	
5	Location (indicate address, tel.no., fax and the year from which they are operating in that location)	
6	Contact person	
7	Address	
8	Tel. No.	
9	Fax No.	
10	E-mail ID	
11	Tender bids: Whether Downloaded: Yes/ No (No changes/ additions/ deletions/ alterations to the tender document are permitted under any circumstances)	

Cost of Tender document in the form of DD (Rs _____, payable to RailTel Corporation of India Ltd, Secunderabad): DD No: _____ Date: _____

Eligibility Criteria for Tender:

S. no	Conditions	Enclosed (Yes/No)	Page No												
1 (a)	Tenderer must have completed successfully and satisfactorily at least one single similar work as per cl.no.15 instructions to tenderers, during the preceding Three years (i.e. current financial year and Three previous financial years) and cost of work being not less than 35 % of the advertised tender value														
1(b)	The tenderer should have working existing VSAT Links at Andaman & Nicobar and Lakshadweep Islands at the time of date of Opening of Tender.														
1 (c)	The tenderer should have VSAT Service License														
1(d)	The tenderer should be having operations with valid commercial shared hub license on Ex-C broadband technology.														
1(e)	The tenderer should be having an operational hub for all the products quoted, with the requisite NOCC clearance/Other Clearance for the network if required.														
1 (f)	<p>The total contract amount received by the tenderer during the last three years as per Audited balance sheet should be a minimum of 150% of advertised Tender Value of work. Offers not accompanied by Audited balance sheet will not be considered.</p> <p>Please indicate the Annual Turnover for the last preceding Three years duly enclosing the chartered Accountant /Auditor /Authorized certified documentary evidence:</p> <table><tr><th>Year</th><th>Annual Turnover</th><th>Documentary support at page</th></tr><tr><td>2017-18</td><td></td><td></td></tr><tr><td>2016-17</td><td></td><td></td></tr><tr><td>2015-16</td><td></td><td></td></tr></table>	Year	Annual Turnover	Documentary support at page	2017-18			2016-17			2015-16				
Year	Annual Turnover	Documentary support at page													
2017-18															
2016-17															
2015-16															
1 (g)	solvency certificate ---deleted														
1 (h)	Documents which are declared explicitly by the tenderer as “documents supporting the claim of qualifying the laid down eligibility criteria – as per cl.no.16.1														
1 (i)	Notarized affidavit on a non-judicial stamp paper stating that they are not liable to be disqualified --- as per cl.no.16.1														
2 (a)	The tenderer should produce copy of PAN & GST registration no.														
2 (b)	The tenderer should produce Audited Balance Sheet and Income statement of all the Preceding Three financial years.														
3	The tenderer should enclose EMD 7 cost of tender as per preamble of Tender document														

Place
Date

(Signature of the Tenderer with Seal)

SECTION I
Chapter II
SCHEDULE OF REQUIREMENT (SOR)

Name of the Work:

Supply, Installation, Testing & Commissioning of 9 Nos of VSAT Links with 6.5 Mbps pooled BW at different locations in Andaman & Nicobar and Lakshadweep Islands (India) as per Schedule of Requirement & Specifications given in the Tender Document.

Tender No. RailTel/Tender/OT/SR/HQ/VSAT Citra/2018-19/13

Locations: 9 nos. as per Annexure A

Part-A: Supply & installation of VSAT System

S. No	Item Description	HSN /SAC Code	Unit	Qty	Unit Base Rate in INR	GST	Total Amount including GST
A	Hardware as per Specification with One year Maintenance						
a	b	c	d	e	f	g (f*18%)	h (f+g*e)
1	Supply of 2.4 Mtrs Antenna	8529	No	9	137025	24664.5	1455206
2	Supply of Satellite Modem-	8529	No	9	58725	10570.5	623659
3	Supply of 5W BUC	8529	No	9	101790	18322.2	1081010
4	Cables & Integration of Material	8544	Lot	9	7830	1409.4	83154
5	Transportation of Material to VSAT sites. (6 Nos at A&N and 3 Nos at Lakshadweep at respective site)	9965	LS	1	352350	63423	415773
6	Installation & Commissioning of the Hardware and other allied work for Commissioning of VSAT Link.	9987	No	9	27405	4932.90	291401
Total Part -A							3950203

NOCC/ Other Services Charges for establish VSAT Link if any shall be borne by contractor only without any additional cost

Part-B: Recurring Service Charge Per Annum

S. No	Item Description	HSN / SAC Code	Unit	Qty	Unit Per Kbps Base Rate in INR	GST @ 18%	Total Amount including GST
1	6.5 Mbps pooled Bandwidth charges per annum	9984	No	6656	806.49	145.1682	6334237
Total -B							63,34,237
Total Value of SOR (A+B) in Figures							1,02,84,440
Contractor %age on <u>Total value of SOR (A+B)</u> in (at Par, Below, Above) in Figures & Words							
Total Value after Contractor %age in Figures & Words							

***This includes the backhaul link of integrating of the 9 Nos 6.5 Mbps BW at RailTel MPLS PoP from Contractor Main Hub at Mainland India at no additional cost to RailTel including Network Management.**

***The Percentage Quoted shall be applied uniformly on all the items of SOR.**

Note:

1. If there is any discrepancy in the Quoted percentage rates both in figures and words, the percentage rates Quoted in words will be taken as final. Calculation mistake, if any, will be corrected and evaluated accordingly
2. The percentage rate Quoted should be inclusive of all taxes. **Break-up of taxes to be specified in a separate sheet showing Basic Price, GST@ and others if any etc.**
3. **Part-B is initially for one year period. However, it can be extended further depending on the RailTel requirement. The contractor shall provide the service at the same rate, terms and conditions.**

Signature of Tenderer with Seal

In addition to above SOR, the tenderer should also provide AMC Cost for 2nd Year & 3rd Year (including cost of logistics and hardware). It may be noted that this will not be considered for evaluation of Tender. However, awarding of AMC shall be decided by Competent Authority of RailTel at later stage

S. No	Description	All inclusive Amount in Rs.
1	AMC Cost for 2 nd Year	
2	AMC Cost for 3 rd Year	

Signature of Tenderer with Seal

Annexure –A

S No	Address of location
1	CGDHQ-12 KAVARATTI ISLAND UT OF LAKSHADWEEP 682 555
2	ICGS MINICIOY MINICOY ISLAND UT OF LAKSHADWEEP 682 559
3	ICGS ANDROTH ANDROTH ISLAND UT OF LAKSHADWEEP 682 551
4	745 SQN(CG) VIP Road, Lamba Line, Port Blair- 744103
5	Headquarters, Coast Guard District No. 9 (N&M A), Aerial Bay, Diglipur, North Andaman - 744202
6	Headquarters CGDHQ-10 (N) Campbell Bay – 744302
7	Near MGG College Rampur Village Mayabunder, N&M Andaman - 744204
8	ICGS Kamorta AED Building Nancowrie-744303
9	ICGS Hut Bay Panchu Tikrey, Little A&N – 744207

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RAILTEL

**SECTION - II
CHAPTER - I**

**INSTRUCTIONS TO TENDERERS
AND
CONDITIONS OF TENDERING**

SECTION - II CHAPTER - I

INSTRUCTIONS TO TENDERERS AND CONDITIONS OF TENDERING INDEX

1. **General Instructions**
2. **Interpretations**
3. **Local Conditions**
4. **Compliance to Tender Conditions, Specifications and Drawings**
5. **Earnest Money/Bid Guarantee**
6. **Submission of Offers**
7. **Constitution of Firm and Power of Attorney**
8. **Unit Prices**
9. **Validity of Offer**
10. **Rates During Negotiations**
11. **Income Tax Clearance Certificate**
12. **Period of Completion and Time Progress Graph**
13. **Non-transferability and Non-refundability**
14. **Errors, Omissions and Discrepancies**
15. **Wrong Information by Tenderer**
16. **Qualifying Criteria**
17. **Meaning of similar Work**
18. **System Performance Guarantee**
19. **Authority for Acceptance**
20. **Agreement**
21. **Foreign Exchange**
22. **Tenderer' Address**



SECTION - II CHAPTER-1

INSTRUCTIONS TO TENDERERS AND CONDITIONS OF TENDERING

1. GENERAL INSTRUCTIONS

Tenders are invited on behalf of M/s. RailTel Corporation of India Limited, Secunderabad -500071 from established and reliable contractors for the work mentioned at preamble.

1.1 The Special Conditions of Contract, Instructions to Tenderers and Conditions of Tendering, Technical Specifications & Supplement, Preamble including Schedule of Requirements and all Annexure & Forms etc. shall, hereafter, be collectively referred to as the "**Tender Papers**".

1.2 **Tender offer:** The tenderer(s) are required to quote **percentage rate** both in figures and words as indicated in the schedule. If there is any discrepancy in the rate quoted between figures and words, the rates quoted in words will be taken as final

2. INTERPRETATIONS

The following terms wherever occurring in the tender papers and wherever used throughout the execution of the work, shall, unless excluded by or repugnant to the context, have the meaning attributed thereto as follows:

"CONTRACT" Means the Contract resulting from the acceptance by the Purchaser of this Tender whether in whole or in part.

"CONTRACTOR" Means the successful Tenderer, i.e., the Tenderer whose Tender has been accepted either in whole or in part.

"CONTRACTOR'S REPRESENTATIVE" Shall mean a person in supervisory capacity who shall be so declared by the Contractor and who shall be authorized under a duly executed power of attorney to receive materials issued by the Purchaser to the Contractor for the works. He shall be responsible for proper execution of works at each or all places and shall take orders from Purchaser's Engineers and carry out the same.

"ENGINEER / ENGINEER-IN-CHARGE" Shall mean an executive of RailTel In-charge of works and shall include the superior executives of RailTel. He is responsible for ensuring that all field works covered by the contract are carried out in accordance with approved designs, drawings & specifications and conditions of contract as agreed to.

"ENGINEER'S REPRESENTATIVE" Shall mean the supervisor of RailTel in direct charge of the works.

"EQUIPMENT" Means all or any equipment considered necessary by the Purchaser's Engineers for satisfactory operation, as a whole, of the installations.

"MONTH" Means any consecutive period of thirty days.

"MATERIALS" Means all equipments, components, fittings and other materials including raw materials required to complete the work.

"PURCHASER" Means M/S RailTel Corporation of India Limited, 2nd Floor, 'B' Block, Rail Nilayam, Secunderabad – 500 071.

"PURCHASER'S ENGINEER" Means the Regional General Manager of RailTel or successor who will decide all matters relating to design, manufacture, installation and commissioning of the plant and equipment at site.

"SUB-CONTRACTOR" Means an individual or a firm of Contractor or a Company registered under Indian Company Act or an approved supplier of materials to whom the Contractor sublets portions of the contract.

"CONSIGNEE" Means the person specified in the Acceptance of Tender to whom Stores are to be delivered at the destination.

"INSPECTING OFFICER" Means the person, or organization specified in the contract for the purpose of inspection of stores of work under the contract and includes his/their-authorized representative.

"RailTel" Means M/s. RailTel Corporation of India Limited, Southern Region, 2nd Floor, 'B' Block, Rail Nilayam, Secunderabad – 500 071.

"SITE" Means the areas to be taken up by the permanent works, together with any other area or areas as shall be determined by the Purchaser's Engineer, which may be placed at the disposal of the Contractor for the purpose of the contract and also such area or areas used for store yards, works yards or workshop in proximity of the works as the Purchaser's Engineer may have authorized as an extension of the site, irrespective of the terms and conditions under which they are occupied by the Contractor.

"BLOCK SECTION" Means the distance along the railway track between two consecutive Railway Block stations.

"TENDERER" Means and includes any firm of engineers or Contractors or any company or body, corporate or otherwise, who submit the Tender which has been invited.

"WORK OR WORKS" Means all or any of the items of the work for which the Tenderer /Contractor has Tendered/contracted according to the specifications, drawings and Annexure hereto annexed or to be implied there from, or incidental thereto or to be hereafter specified or required in such explanatory instructions and drawings, being in conformity with the original specifications, drawings, Annexure and schedules and also such instructions and drawings additional to the aforementioned as may from time to time be issued by the Purchaser's Engineer during the progress of the contracted work.

"WRITING" Includes all matters written, typewritten or printed either in whole or in part.

3. LOCAL CONDITIONS

- 3.1 It will be imperative on each tenderer to fully acquaint himself with all the local conditions and factors, which would have any effect on the performance of the contract and cost of the stores. The purchaser shall not entertain any request for clarifications from the tenderer regarding such local conditions. No request for the change of price or time schedule of delivery of stores shall be entertained after the offer is accepted by the purchase on account of any local condition or factor.
- 3.2 The intending tenderer is advised to study the tender papers carefully. Any submission of a quotation by the tenderer shall be deemed to have been done after a careful study and examination of these documents with full understanding of the implication thereof. These conditions and specifications shall be deemed to have been accepted unless otherwise, specifically commented upon by the Tenderer in his quotation. Failure to adhere to anyone or all these instructions may render his offer liable to be ignored without any reference.
- 3.3 Should a tenderer find discrepancies in, or omission from, the drawings or any of the Tender papers or he has any doubt to their meaning, he should at once notify the RailTel who may send a written clarification to all tenderers.

4. COMPLIANCE TO TENDER CONDITIONS, SPECIFICATIONS & DRAWINGS

- 4.1 The tenderer shall indicate paragraph by paragraph for each section of the tender document that either his tender complies in every respect with the requirements of each clause and sub clause or if not, precisely how they differ from the requirements of the tender. In later case, the tenderer shall enclose a separate statement as per proforma given, indicating only the deviations for any clause or sub clause of Special Conditions of Contract, Instructions to Tenderers and Conditions of Tendering, Technical Specifications, Preamble etc. which he proposes with justifications for deviations proposed. The purchaser reserves the right to accept or reject these deviations and his decision thereon shall be final (see Form 5).
- 4.2 The equipment offered shall be in accordance with the drawings and specifications. Details of variation from the drawings and specifications, if any, should be clearly indicated separately for each annexure with justification for deviations proposed. The Purchaser reserves the right to accept or reject these deviations and his decision thereon shall be final.
- 4.3 Firms should give details of similar works carried out giving details of the name of the project,

date of award, length of the section, value of the contract, the original execution period and the actual execution time taken.

5 EARNEST MONEY/ BID GUARANTEE

- 5.1 The tenderer shall submit demand draft or Bankers cheque from any scheduled bank for Rs.2,05,580/- as earnest money in favour of RailTel Corporation of India Limited., payable at Secunderabad.
- 5.2 The tenderers shall hold the offer open till such date as specified in Para 9 of this chapter. It being understood that the tender documents have been sold/issued to the tenderer and the tenderer has been permitted to tender in consideration of the stipulation on his part that after submitting his tender he will not rescile from his offer or modify the terms and conditions thereof in a manner not acceptable to RailTel. If the tenderer fails to observe or comply with the foregoing stipulation, the aforesaid amount deposited as Earnest Money shall be liable to be forfeited by the RailTel.
- 5.3 **The earnest money may be forfeited:**
- 5.3.1 If a tenderer withdraws its tender during the period of tenders validity specified in Clause 9 of Instructions to Tenderers and Conditions of Tendering.
- 5.3.2 In the case of successful tenderer, if the tenderer fails to Sign the contract in accordance with clause 2 of Special Conditions of Contract.
- 5.3.3 To furnish performance guarantee in accordance with clause 3.1 of Special Conditions of Contract.
- 5.4 The earnest money of unsuccessful tenderer will be returned within reasonable time to the unsuccessful tenderer but the RailTel shall not be responsible for any loss or depreciation that may happen to the security for the due performance of the above stipulation to keep offer open for the period specified in the tender documents or to the Earnest Money while in their possession nor be liable to pay interest thereon.
- 5.5 If the tender is accepted, the amount of Earnest Money will be held as security deposit for due and faithful fulfillment of contract. The Earnest Money of successful tenderer will be returned after the Contract Performance Guarantee (Security Deposit) as required under para 3 of Special Conditions of Contract is furnished and formal contract duly signed is received by the purchaser.
- 5.6 Any tender not accompanied by Earnest Money in the approved forms as mentioned in para 5 above will be **summarily rejected***.
- 5.6.1 * Firms registered with NSIC or any other body specified by Ministry of MSME for the tendered supply/work/service is exempted from submission of EMD. **These exemptions shall be applicable provided firms are registered with NSIC/MSME for tendered item/work/services and registration is current and valid.** Firms claiming these exemptions are required to submit along with their offer, a copy of their current and valid NSIC/MSME registration certificate for the tendered item/work, otherwise their offer would not be considered.

*** The firm has also to submit a declaration along with tender bid stating that: "I/We am/are a Micro and Small Enterprise registered from ----- (body approved by Ministry of MSME) with registration no ----- and terminal validity up to .----- ----for similar service contracts" and details as per table below:**

Declaration of Tenders awarded under NSIC/MSME

S No	No. of Tenders participated in current FY: 2018-19 with NSIC/MSME	No. of Tenders Awarded in current FY: 2018-19 with NSIC/MSME	Details of awarded tenders		
			Tender No & Date	Name of Work/Stores	Value in Rs.

It may please be noted that supporting documents as above to be submitted i.e. copy of NSIC/MSME, declaration and details as per above table. Offers without above will be treated as invalid and summarily rejected.

5.7 If the tenderer deliberately gives wrong information in his/her tender or creates such circumstances for the acceptance of his/her tender, then RailTel reserves the right to reject such tender at any stage. In case credential certificate(s) submitted by the contractor are found to be incorrect, the EMD deposited shall be forfeited in respective tenders he has quoted and he will be barred from quoting in RailTel tenders for a period of 3 years.

5.8 If a Tenderer expires after the submission of his tender or after the acceptance of his tender, the RailTel shall deem such tender as cancelled. If a partner of a firm expires after the submission of their tender or after the acceptance of their tender, the RailTel shall deem such tender as cancelled, unless the firm retains its character

6 SUBMISSION OF OFFERS

6.1 All offers in the prescribed forms should be submitted before the time and date fixed for the receipt of the offers. Offers received after the stipulated time and date will be summarily rejected.

6.2 In case the date of opening happens to be a holiday, the tender will be received and opened at the same time on the **next working day**.

6.3 All offers shall be either type written or written neatly in indelible ink in English. Each page of the offer must be numbered consecutively. A reference to total number of pages comprising the offer must be made at the top right hand corner of the top page. The supporting documents should be submitted either in original or duly signed by the authorized signatory of the tenderer. The original documents shall be produced for verification when called for.

6.4 All copies of the tender papers shall be signed by the tenderer, on each page including closing page in token of his having studied the tender papers carefully.

6.5 RATES IN FIGURES & WORDS:-

6.5.1 All prices and other information like discounts etc., having a bearing on the price shall be written both in figures and in words in the prescribed offer form. In case of difference in words and figures the amount written in words will be taken in to consideration.

6.5.2 In the event of any discrepancy between unit rate and total cost, the value shown in unit rate will be taken for evaluation purpose.

6.5.3 In case the schedule of requirement quoted by tenderer is incomplete with reference to tender document, the offer is liable to be rejected.

6.6 **ATTESTATION OF ALTERATION:** No scribbling is permissible in the tender documents. Tender containing erasures and alterations in the tender documents are liable to be rejected. Any correction made by the tenderer/tenderers in his/their entries must be signed (not initialed) by him/them.

6.7 The bid shall consist of the following:

- i) Offer letter complete. (Form No.1)
- ii) Schedule of works (i.e., Schedule of Requirements) with rate and total amount duly signed by the tenderer in figures and words.
- iii) Earnest Money in prescribed form
- iv) Solvency Certificate -deleted
- v) Constitution of Firm and Power of Attorney
- vi) Clause wise compliance to tender conditions & statement of deviations (Para 4). Form No.5
- vii) Similar works executed or under execution. Form No. 10
- viii) User's Certificate Form No. 2
- ix) Any other information desired to be submitted by the tenderer.
- x) Complete tender document duly signed in all pages including above

7. CONSTITUTION OF FIRM AND POWER OF ATTORNEY

7.1 Any individual(s) signing the tender or other documents connected therewith should specify

whether he is signing: -

- (a) As sole proprietor of the concern or as attorney of the sole proprietor;
 - (b) 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
- 7.2 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 tender 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.
- 7.3 The RailTel will not be bound by Power of Attorney granted by the tenderer or by the changes in the composition of the firm made subsequent to the execution of the contract agreement.
- 7.4 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 tendering for the work.
- 7.5 The duly notarized Power of Attorney, Partnership Deed, Memorandum of Joint Venture as the case may be in original or duly signed.
8. **UNIT PRICES:** The unit prices should be quoted by the Contractor after taking all the relevant factors into consideration and these should be Firm and all-inclusive without any variation clauses. The prices shall be quoted in rupees for the units under metric system. Reference may be made Special Conditions of Contract (Chapter II Section II). The prices shall be inclusive of all taxes and statutory payments.
9. **VALIDITY OF OFFER:** The tenderer shall keep the offer open for a minimum period of 30 (Thirty) days, from the date of opening of tender. Within that period the tenderer cannot withdraw his offer subject to the period being extended further, if required, by mutual agreement from time to time. Any contravention of the above condition will make the tenderer liable for forfeiture of his Earnest Money.
10. **RATES DURING NEGOTIATION:** The tenderer/s shall not increase his/their quoted rates in case the RailTel Administration 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 tenderer/s.
11. **PERIOD OF COMPLETION AND TIME PROGRESS GRAPH:** The works/work are/is to be completed within a period as mentioned in preamble at para 9.
12. **NON-TRANSFERABILITY AND NON-REFUNDABILITY:** The tender documents are not transferable. The cost of tender document is not refundable.
13. **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 Engineer 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.
14. **WRONG INFORMATION BY TENDERER:** If the tenderer/s deliberately gives/give wrong information in his/their tender which creates/create circumstances for the signature of tenderer with seal

acceptance of his/their tender the RailTel reserves the right to reject such tender at any stage.

15. QUALIFYING CRITERIA PER TENDER:

15.1 General:

15.1.1 Qualifying criteria under this para lays down minimum acceptable qualifications in various areas to ensure that qualified bidder has necessary experience, technical expertise, equipments and financial and human resources to successfully complete the project. In case of a consortium bid the qualification document details etc. must be provided for each member of consortium.

15.1.2 If the tenderer proposes to buy any equipment from other suppliers/ sources, documents indicating the willingness to supply the equipment and provide technical support to the tenderer that may be required during installation, commissioning and warranty period and later on directly to the RailTel, shall be included in the tender.

15.1.3 The tenderer should submit the details of experience of similar works or services in the projects executed / under execution which should clearly bring out expertise in the equipment manufacture or installation etc. as per form no. 10.

15.1.4 For supply of critical materials, the contractor, if he is not a manufacturer, shall submit a certificate from the manufacturer, whose material he intends to supply, to the effect that the manufacturer is willing and capable to supply the material in time so as to enable the contractor to complete the work within the time frame mentioned in the contract.

15.1.5 The tenderer/s must submit along with his/their tender, certificates from the original user for whom the project was undertaken certifying the **date of award of contract, date of completion, date of commissioning and the present working state** of the system so established. The tenderer shall submit these certificates for all the projects that he has executed which only satisfy the minimum requirements in each case. **The certificates are to be submitted in original or their true copies duly signed by the tenderer to contain the information as per form no. 2.**

15.2 Technical Capability: Tenderer must have completed works of similar nature, as indicated in para 16 below, successfully and satisfactorily of values as indicated below:

- (a) Tenderer must have completed successfully and satisfactorily at least one single similar work costing not less than 35 % of the advertised tender value of work during the preceding three years (i.e. current financial year and three previous financial years). Offers not accompanied by user certificates as per Form no 2, will not be considered.
- (b) The tenderer should have VSAT Service License
- (c) The tenderer should have working existing VSAT Links at Andaman & Nicobar and Lakshadweep Islands at the time of date of Opening of Tender.
- (d) The tenderer should be having operations with valid commercial shared hub license on Ex- C broadband technology.
- (e) The tenderer should be having an operational hub for all the products quoted, with the requisite NOCC/statutory clearance for the network, whether required.

15.3 Financial:

The total contract amount received by the tenderer during the last three financial years including current financial year as per Audited balance sheet should be a minimum of 150% of advertised Tender Value of work. Offers not accompanied by Audited balance sheet will not be considered.

- 16. MEANING OF SIMILAR WORKS:** Works similar to the scope of work as contained in this tender shall mean that

“Supply, Installation, Testing, Configuration, Commissioning and Operation of VSAT Links”.

The work should have been executed for Govt/Public sector/reputed telecom service providers/ Infrastructure providers.

16.1 System of Verification of Tenderer's Credentials:

- i. The tenderer shall submit along with the tender document, documents in support of his/their claim to fulfil the eligibility criteria as mentioned in the tender document. Each page of the copy of documents/certificates in support of credentials, submitted by the tenderer, shall be self-attested/digitally signed by the tenderer or authorized representative of the tendering firm. Self-attestation shall include signature, stamp and date (on each page). Only those documents which are declared explicitly by the tenderer as “documents supporting the claim of qualifying the laid down eligibility criteria”, will be considered for evaluating his/their tender
 - ii. **The tenderers shall submit a notarized affidavit** on a non-judicial stamp paper stating that they are not liable to be disqualified and all their statements/documents submitted along with bid are true and factual. Standard format of the affidavit to be submitted by the bidder is enclosed as Annexure-A (Form 11). 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 tenderer to identify, state and submit the supporting documents duly self attested by which they/he is qualifying the Qualifying Criteria mentioned in the Tender Document. It will not be obligatory on the part of the RailTel to scrutinize beyond the submitted document of tenderer as far as his qualification for the tender is concerned.
 - a) **The RailTel reserves the right to verify all statements, information and documents submitted by the bidder in his tender offer, and the bidder shall, when so required by the RailTel, make available all such information, evidence and documents as may be necessary for such verification. Any such verification or lack of such verification, by the RailTel shall not relieve the bidder of its obligations or liabilities here under nor will it affect any rights of the RailTel thereunder.**
 - b) **In case of any wrong information submitted by the tenderer, the contract shall be terminated, Earnest Money Deposit (EMD), Performance Guarantee (PG) and Security Deposit (SD) of contract forfeited and agency barred for doing business on entire RailTel for 5 (five) years.**
- 17. SYSTEM PERFORMANCE GUARANTEE:** The tenderer shall give unqualified and unconditional guarantee that when the equipment / material supplied by him is installed and commissioned at site, it shall achieve the desired objective and that in the event of performance of the system when installed not complying with the end objective or with the specifications, he shall provide further inputs to enable the RailTel to realize the end objectives with full compliance of the specifications contained in these documents. No additional payment will be made to the contractor for supply of any additional goods and service required in this regard.
- 18. AUTHORITY OF ACCEPTANCE:** The authority for the acceptance of the tender rests with the Purchaser. The tenders received will be evaluated by the Purchaser to ascertain the best acceptable tender in the interest of the Purchaser. However, the purchaser shall not be bound to accept the lowest or any tender or to assign any reason for non-acceptance or rejection of a tender. The purchaser reserves the right to accept any tender in respect of the whole or any portion of the work specified in the tender paper or to sub-divide the work among different Tenderers or to reduce the work or to accept any tender for

less than the tendered quantities without assigning any reason whatsoever.

- 19. AGREEMENT:** The successful tenderer/s shall be required to execute an agreement with the representative of RailTel for carrying out the work according to the tender documents as indicated in para 2 of Special Conditions of Contract (Section II Chapter II).
- 20. TENDERER'S ADDRESS:** Tenderer shall state in the tender his postal address fully and clearly. Any communication sent to the tenderers by post at his said address shall be deemed to have reached the tenderer duly & timely, notwithstanding the fact that the communication could not reach the tenderer at all or in time for whatever reason. Important documents shall be sent by Registered Post.

21. EVALUATION OF OFFER

The authority for the acceptance of the tender rests with the Purchaser. The tenders received will be evaluated by the Purchaser to ascertain the best acceptable tender in the interest of the Purchaser.

However, the purchaser shall not be bound to accept the lowest or any tender or to assign any reason for non-acceptance or rejection of a tender. The purchaser reserves the right to accept any tender in respect of the whole or any portion of the work specified in the tender paper or to sub-divide the work among different tenderers or to reduce the work or to accept any tender for less than the tendered quantities without assigning any reason whatsoever.

22. AMENDMENT OF TENDER DOCUMENT

- 22.1** RailTel may modify the Tender Document by issuing ADDENDA/CORRIGENDA
- 22.2** Tenderers are advised to submit the tender well in advance before the stipulated time. It is the responsibility of the Tenderer to check any correction or any modifications (addenda/corrigenda) published subsequently Web site and the same shall be taken into account while submitting the tender. No addenda/corrigenda will be issued within 15 days of the date of tender opening.
- 22.3** To give prospective bidders a reasonable time to take ADDENDUM/CORRIGENDUM into account in preparing their bids, the RailTel may at their discretion extend as necessary, the deadline for submission of Tender document.
- 22.4** The materials that shall be handed over to the Contractor at any time for execution of work shall depend upon the particular item of work in the schedules to be done at a particular time and also the progress of work. The contractor shall furnish Indemnity Bond for a sum equal to the cost of materials proposed to be taken by him. The quantity of materials that shall be given by the RailTel at any time shall not exceed the value of Indemnity Bond that is furnished by the Contractor.
- 22.5** Materials issued to the contractor shall be used solely and economically for the purpose of work covered by this contract only. The materials shall be used in such quantities and proportions as are indicated in Schedule or in the relevant specifications or drawings or as approved by the Engineer whose decision thereon shall be final. Wastage or damage to such materials in any manner shall be avoided.
- 22.6** The contractor shall be liable to render fully accountable for all the materials issued by the RailTel. If any quantity of RailTel materials is consumed in excess or wasted or damaged or lost or otherwise not satisfactorily accounted for, recovery shall be made from the contractor at twice the issued rate prevailing at the time of last issue of the materials consumed in excess or wasted or damaged or lost or not satisfactorily accounted for.
- 22.7** If at any time any materials which the contractor would normally have to arrange for himself is supplied by the RailTel either at the contractor's request or suo-moto in order to prevent possible delay in the execution of the work due to contractor's inability to make adequate arrangements for the supply therefore or otherwise, such materials will be made available to the contractor in the RailTel's Stores Depot at Secunderabad as required for the work.

All handling, subsequent thereof will be at the contractors responsibility. Recovery of the cost of such supply will be made from the contractor's bills, as per extant rules of the RailTel. Any demurrage or other charges due on account of detention of wagons in loading or unloading will also be recovered from the Contractor.

- 22.8 If the materials mentioned in schedules, however not available in RailTel and /or decide not to supply the same, whatever be the reason, the RailTel shall not be bound to arrange for the supply nor will this fact be accepted as an excuse for delay in the execution of the work by the contractor.
- 22.9 The quantities indicated in the schedules are approximate and will only support to convey to the contractor an idea of the magnitude of the work. The rates mentioned in Schedules are deemed to hold good for any increase in quantities up to 25%. The description of items is given as a guide and approximately only and is subject to variation according to the needs of the RailTel. The RailTel accepts no responsibility for their accuracy. Further, the RailTel does not guarantee work under each item of the Schedule.
- 22.10 Materials shall be issued to the contractor or his representative at specific depot of the stores on Production of identity card with photograph or authorization letter issued by this office. Also indemnity bond on non-judicial stamp paper of Rs 100/- as per Performa given in Form No-6 of Chapter V will be executed and submitted to the Section Engineer in charge.

23. In case of submission of bid by Parent/100% subsidiary company, following be noted:

- a. Bidder shall submit legal documentary proof for parent and subsidiary company along with bid
- b. EMD shall be submitted by the lead bidder
- c. Parent Company or 100% Subsidiary Company or both together, shall fulfill the Eligibility criteria as per clause- 15 of section-II, chapter-I.
- d. Along with the bid, the Parent and 100% Subsidiary Company shall submit an irrevocable undertaking duly signed by both Parent and 100% Subsidiary, stating that all of them i.e. Parent and 100% Subsidiary Company shall be liable for due performance of the contract jointly and severally, failing which, both of them shall be liable to be barred from having business dealing with RailTel for a period of three (3) years.
- e. Both the Companies should submit all the details as per tender requirement and MOU between Parent and 100% Subsidiary Company shall be submitted by the bidder along with bid
- f. If tender is successful, two separate Purchase Orders for Part-A & B i.e. VSAT System Hardware supply & installation portion and for Part-C i.e. for Bandwidth service portion shall be placed on Parent/100% subsidiary company based on the request from the bidder.
- g. If tender is successful, SD/PBG shall be submitted by the Parent and 100% subsidiary company as per the Purchase Orders. Both Parent Company and 100% subsidiary Company shall submit a declaration stating that in case of breach of contractual obligation on any of the Purchase Orders, RailTel reserves the right to forfeit the instruments submitted by both of them.
- h. Agreement shall be signed by both Parent and 100% subsidiary company

SECTION- II

CHAPTER - II

Special Conditions of Contract I N D E X

Para Subject

1. Tender Document
2. Agreement
3. Security Deposit
4. Contractor's Office & Stores depot
5. Use of Railway Land
6. Program of work.
7. Competent Supervisors
8. Test & Measuring Instruments, Special tools & Installation Material
9. Stores to be supplied by contractor
10. Supply of Technical Literatures, Documentation Drawings & Completion Plan etc.
11. Quality assurance
12. Inspection of materials
13. Inspection of works
14. Quantum of work and variation in Quantities
15. Subletting and assignment
16. Execution of works
17. Maintenance of works
18. Clearance of site
19. Provisional Acceptance
20. Placing in Service & Maintenance Supervision
21. Final Acceptance
22. Warranty
23. Infringement of Patents
24. License as per Govt. of India Contract Labour Act
25. Defaults and Delays
26. Loss Sustained Due to Default and Delay
27. Penalty for Delay in Completion
28. Adherence of time schedule
29. Contractors liabilities for Costs and Damages
30. Unit prices
31. Measurement of works
32. Meaning and interpretation by RailTel to be final
33. Terms of Payments
34. On account payment
35. Final Payments
36. Final Settlement
37. Certificate for MODVAT BENEFITS on bills
38. Deductions from On Account Payment Bills
39. Taxes
40. Insurance
41. Force Majeure Clause
42. Settlement of dispute and Arbitration
43. Termination of Contract

SPECIAL CONDITIONS OF CONTRACT (SCC)

1. TENDER DOCUMENTS

- 1.1 The goods and services required, bidding procedure and contract terms are prescribed in the tender documents. The set of tender documents issued for the purpose of bidding includes the following together with any addendum and corrigendum thereto.

Section-I: Preamble along with schedule of requirements, annexure etc.

Section-II: I) Instructions to tenderers and conditions of tendering.

II) Special conditions of contract.

III) Forms of Tender and annexure etc.

Section-III: Technical specifications and drawings etc.

- 1.2 If the Tender submitted by a Tenderer is accepted and the contract awarded to the Tenderer the various works coming under the purview of the contract shall be governed by tender documents mentioned above.
- 1.3 Any special conditions stated by the Tenderer in the covering letter submitted along with the tender shall be deemed to be a part of the Contract to such extent only as have been explicitly accepted by the RailTel.

2. AGREEMENT

The successful Tenderer shall within 30 days after having been called upon by notice to do so be bound to execute an agreement based on accepted rates and conditions, in such form as the RailTel may prescribe, and lodge the same with the RailTel together with the conditions of contract, specifications and Schedule of prices referred to therein duly complete. The form for agreement is included in Section II, Chapter III (Form No.3).

3. **SECURITY DEPOSIT /PBG:** has to be remitted by the successful tenderer as per the Conditions of the contract towards satisfactory completion of the work under the contract as detailed below.

- 3.1.1 On receipt of the Letter of Acceptance of Tender from the RailTel, the successful Tenderer shall within a period of 30 days deposit an amount equalling to 10% of order/contract value as Security deposit/PBG for due fulfilment of the contract.

- 3.1.2 The Earnest Money already paid by the successful Tenderer (see Clause 5 of Instructions to Tenderers and Conditions of Tendering) may at the discretion of the successful Tenderer be adjusted towards payment of this Security deposit and the balance amount shall be paid in any one of the following forms:

- (a) Bank draft
- (b) Irrevocable Bank Guarantee issued by any scheduled bank acceptable to purchaser.
- (c) No interest will be payable upon the Earnest Money and Security Deposit.

- 3.13 The successful tenderer shall have to submit a SD/Performance Guarantee (PG) within 30 (thirty) days from the date of issue of Letter of Acceptance (LOA)/PO. Extension of time for submission of PG beyond 30 (thirty) days and up to 60 days from the date of issue of LOA may be given by the Authority who is competent to sign the contract agreement. However, a penal interest of 15% per annum shall be charged for the delay beyond 30 (thirty) days, i.e. from 31st day after the date of issue of LOA, a notice shall be served to the contractor to deposit the PG immediately (however not exceeding 90 days from the date issue of LOA). In case the contractor fails to submit the requisite PG even after 90 days from the date of issue of LOA, the contract shall be terminated duly forfeiting EMD and other dues, if any payable

against that contract. The failed contractor shall be debarred from participating in re-tender for that work.

- 3.14 **If BG is submitted:** A separate advice of the BG will invariably be sent by the BG issuing bank to the RailTel's bank through SFMS and only after this the BG will become acceptable to RailTel. It is therefore in own interest of bidder to obtain RailTel's bank IFSC code, its branch and address and advise these particulars to the BG issuing bank and request them to send advice of BG through SFMS to the RailTel's Bank
- 3.15 The Instruments for security deposit/PBG should be valid for three months beyond the warranty period. On expiry of Warranty period and issue of FAC, the security deposit/PBG will be refunded or Bank guarantee released to the contractor after adjustment of any dues payable by the contractor.
- 3.16 Wherever the contracts are rescind, the security deposit should be forfeited and the Performance Guarantee shall be en-cashed.
- 3.17 The balance work shall be got done independently by RailTel
- 3.18 The original contractor shall be debarred from participating in the tender for executing the balance work. If the failed contractor is a Joint Venture (JV) or a partnership firm, then every member/partner of such a firm would be debarred from participating in the tender for the balance work either in his/her individual capacity or as a partner of any other JV/partnership firm.
4. **CONTRACTOR'S OFFICE & STORES DEPOT:** The Contractor shall within ten days of issue of letter of acceptance of tender establish an office and store depot at a convenient place for receiving and storing equipments and materials and progressing field work expeditiously in consultation and with the approval of the purchaser's Engineer. He shall intimate the purchaser's Engineer address thereof to which all correspondence should be sent. Any communication sent to the contractor by post at his said address shall be deemed to have reached the contractor duly and in time. Important documents shall be sent by Registered post.
5. **USE OF RAILWAY LAND:** Use of Railway land required by the Contractor for construction of temporary offices, quarter(s), hutments etc. for the staff and for storing materials etc., will be permitted to him/them subject to approval by Railways, if available at the charges prescribed by the Railways. The land will be restored to Railways by the Contractor(s) in the same condition as when taken over or in vacant condition as desired by the Engineer after completion of the work or at any earlier day as specified by the Engineer. Failure to do so will make the Contractor(s) liable to pay the cost incurred by the Railway for getting possession of land.
6. **PROGRAMME OF WORK**
 - 6.1 The Contractor shall have necessary resources to execute the work so that the entire work is completed within a period as mentioned in the preamble from the date of issue of Letter of Acceptance of the tender. He shall also have necessary resources to take up the work simultaneously at more than one independent place in order to expedite the completion of work.
 - 6.2 Within a period of 7 days beginning from the date of issue of Letter of Acceptance of Tender the Contractor shall submit the detailed time Schedule for the execution of work based on the conditions in consultation with RailTel to the authority mentioned in the Preamble and approved by the later in writing before commencement of the work.

- 6.3 The Contractor shall be held responsible for the execution of the work according to the Program given above in full compliance of the various clauses of the Technical specifications, instructions / drawings etc. Failure to comply with any of these will be dealt with as per provision laid down in Conditions of Tendering.
- 6.4 Approach roads, where ever available can be used for carting materials. While RailTel may facilitate the contractor for getting approval from the Railways, if required, for carting the material to the site, the responsibility for ensuring that the material reaches the site on time, lies entirely with the contractor. The contractor has to bear the necessary expenses for carting the material to the site.
- 6.5 The contractor will program his work in such a manner so as not to interfere in the working and movement of trains.
7. **COMPETENT SUPERVISORS:** The Contractor shall place and keep competent representatives/Supervisors /Engineers as his representative on the works who will be authorized to receive and acknowledge materials issued by the RailTel and take all orders issued by the RailTel. The said representatives shall be present at site during working hours and any written orders or instructions which the purchaser's Engineer may give to the said representatives of the contractor shall be deemed to have been duly given or communicated to the contractor.
8. **TEST & MEASURING INSTRUMENTS AND SPECIAL TOOLS ETC.**
- 8.1 Special tools & instruments required for installation and commissioning of the work as detailed in preamble shall be arranged by contractor at his own cost.
- 8.2 All tests and measuring instruments and other arrangements required for carrying out all the acceptance tests etc shall be provided by the contractor at his own cost.
9. **STORES TO BE SUPPLIED BY CONTRACTOR:** All materials required for the execution of the contract shall be arranged and supplied by the Contractor as detailed in the scope (Preamble) so as to realize the end objective. The supply of equipments and materials shall also include required installation and other materials and documents etc which may not be specifically mentioned herein but which are usually necessary for completing the work in all respects.
10. **SUPPLY OF TECHNICAL LITERATURES, DOCUMENTATION, DRAWINGS, INSTRUCTION BOOK & COMPLETION PLANS ETC:** The supply of equipment and materials shall include supply of two sets of printed documents from original equipment manufacturers with each equipment as given in technical supplement.
11. **QUALITY ASSURANCE:** In the event of RailTel waving off the inspection, the quality assurance department of the manufacturer shall carry out all the tests as per the specification and issue a certificate indicating clearly the test results and the adherence to the technical specifications. This is without prejudice to the purchaser's right to accept or reject the supplies if not found in conformity to its requirement
12. **INSPECTION OF MATERIALS**
- 12.1 All equipments materials fittings and components will be subject to inspection by the purchaser or his representative at the manufacturer's factory/tenderer works before dispatch and no materials shall be dispatched until these are inspected and/or approved. The materials may also be inspected by the purchaser or his representative again at the contractor's depot.

12.2 All materials shall be procured from the manufacturers of repute/their-authorized dealers. Such materials are to be accepted by the Engineer. The Contractor may be required to produce test certificate from the manufacturer wherever called for by the Engineer.

12.3 The cost of equipment and materials, all tests and/or analysis performed for inspection shall be borne by the Contractor.

12.4 The inspection charges, if any, payable to the purchaser's representative for carrying out the inspection shall be borne by the purchaser.

13. INSPECTION OF WORKS: The Engineer or his representative may inspect and test the various portions of the work at all stages and shall have full power to reject all or any portion of the work that he may consider to be defective or inferior in quality of materials, workmanship or design in comparison to what is called for in the specification. In the event of rejection of any work already executed and not in accordance with specification as in this tender and/or as determined by the Engineer or which the Contractor has been apprised, the Contractor shall carry out alterations/ replacements to such works to the satisfaction of the Engineer for which no additional expenses will be borne by the RailTel.

14. CHANGES IN THE WORK & VARIATION OF QUANTITIES:

If it becomes necessary or desirable to modify the contract and the specifications and the drawings etc; which may result in quantity variation beyond plus or minus 25 % of the original scope, **RAILTEL** may, without invalidating the contract, direct that changes shall be made accordingly and no increase in Rates shall be given.

The rates for quantity variations, substituted items and new items of work shall be based on the following in the order indicated:

- i) If a rate exists in the contract for an item having the same or similar specifications as proposed in the revised specifications, the Contractor shall carry out the work at the same rates as already existing in the contract.
- ii) If the rates cannot be determined as at (i) above, or do not exist, the rates shall be derived from the rates for a similar class of work in the contract.
- iii) If the rates cannot be determined as at (i) and (ii) above, the **Contractor** shall be paid after negotiation based on market rate and contractors profit not more than 10%.

Except for minor modifications in the work, not involving extra cost and not inconsistent with the purposes of the work and except on an emergency endangering life or property, no extra work or change shall be made unless in pursuance of a written order from **RAILTEL** authorizing the extra work or change and no claim for any addition to the contract amount shall be valid unless so ordered.

The quantities quoted in the Schedule are not firm and may be varied.

The Purchaser reserves the right to increase or decrease by up to 25 % of the quantity of goods and services specified in the Schedule of Requirements without any change in unit price of the ordered quantity or other terms and conditions.

However, for variation beyond (+) 25%, the rates shall be negotiated

During course of execution of the main work, if any new works to be carried over in the same Letter of Acceptance/Work Order, Contractor need to execute the same on issuing of Letter of Acceptance/PO/Work Order amendment or any deviation note or LOI for the same

15. SUBLETTING AND ASSIGNMENT: No sub-contracts are permitted.

- a) The **Contractor** shall not sub-contract any part or the whole of the work, without the prior consent of RAILTEL. The **Contractor** may sub-contract parts of the contract, if necessary and in the interest of the project and only to sub- Contractors approved in advance in writing by RAILTEL. The **Contractor** shall be responsible for transmitting specifications and pertinent data to sub- Contractors and ensuring full compliance by them. In such cases even if written permission is given, it shall not relieve the **Contractor** from his obligations under the contract and he shall be fully responsible for all supplies / work done by his sub-Contractors. The **Contractor** shall also be exclusively responsible for the effective planning and co-ordination of the work from sub-Contractors. to ensure proper integration with all works.
 - b) It shall be as per the specifications of **RAILTEL** and **RAILTEL** shall have sole discretion to withdraw its consent and have the remaining part performed or executed by any other party of RAILTEL's choice.
 - c) Notwithstanding anything contained herein, RAILTEL shall have sole discretion to nominate sub-contractors for specialized activities/works or even for part of specified works, before or during the course of Work, wherever required in the opinion of RAILTEL on account of slow progress, poor quality or Contractor's lack of sufficient mobilization.
- 16. EXECUTION OF WORK:** All the works shall be executed in strict conformity to the provisions of the contract document and with such explanatory detailed drawings, specifications and instructions as may be approved from time to time based on detailed design and engineering carried out by contractor in line with requirements as per contract document. The contractor shall be responsible for ensuring that the work throughout are executed in the most substantial, proper and workmanlike manner with the quality of material and workmanship in strict accordance with the specifications and as per sound industrial practices and to the entire satisfaction of the RailTel.
- 17. MAINTENANCE OF WORKS:** The contractor shall at all times during the progress and continuance of the works and also for the period of maintenance specified in the tender form and after the date of passing of the certificate of completion by the RailTel's representative or any other earlier date subsequent to the completion of the works that may be fixed by RailTel's representative be responsible for and effectively maintain and uphold in good, substantial, sound and perfect condition all and every part of the works and shall make good from time to time and at all times, as often as the RailTel's representative shall require, any damage or defect that may, during the above period, arise in or be discovered or be in any way connected with the works provided that such damage or defect is not directly caused by errors in the contract documents, act of providence or insurrection or civil riot and the contractor shall be liable for and shall pay and make good to the RailTel or other persons legally entitled thereto whenever required by the RailTel's representative so to do, all losses, damages, costs and expenses they or any of them may incur or be put or be liable to, by reason or in consequence of the operations of the contractor or his failure in any respect.
- 18. CLEARANCE OF SITE:** At the end of the work at each location the Contractor shall as a part of his Contractual obligation leave the area completely neat and clean.
- 19. PROVISIONAL ACCEPTANCE**
- 19.1 Immediately after the completion of the work at each block section or after completion of work in a at Site hereinafter referred as sub-section the contractor shall certify and advise the purchaser in writing that the installation is (i) complete (ii) ready for satisfactory commercial service and (iii) ready to be handed over.
 - 19.2 The test or tests specified in Technical supplement (section III) will be conducted jointly by

purchaser and contractor as soon as possible after receipt of advice of completion of one sub-section by purchaser from the contractor. The test schedule shall be finalized by mutual discussion between the contractor and M/S RailTel Corporation of India Limited, Secunderabad. Any component, modules, sub assemblies or equipment failing during the commissioning test shall be replaced/repared free of cost by tenderer.

19.3 Purchaser's Engineer shall issue a **Provisional Acceptance certificate** for successful commissioning of a section covering all materials and services included in the Schedule of works after the final acceptance test as per the approved test procedures have been completed and the performance has been found to meet the specifications. RailTel's decision in this respect shall be final. The Provisional Acceptance Certificate shall be signed by both the parties. The period of maintenance of works shall commence from the date of issue of last Provisional Acceptance Certificate.

20. PLACING IN SERVICE & MAINTENANCE SUPERVISION: During the One Year warranty period, the Contractor will have to undertake comprehensive support of the product or specified hardware/software and all new versions, releases, and updates for all standard product or specified hardware/software to be supplied to the RailTel at no additional cost. During the support period, the Contractor shall maintain the product or specified hardware/software to comply with parameters defined in this tender. The contractor shall be responsible for all costs relating to labour, spares, maintenance (preventive and corrective), and compliance of security requirements and transport charges from and to the Site (s) in connection with the repair/ replacement of product or specified hardware/software

21. FINAL ACCEPTANCE

21.1 The final acceptance of the works completed shall take effect from the date of expiry of warranty period after issue of Provisional Acceptance Certificates are issued or brought into commercial operation, provided in any case that the contractor has complied fully with his obligations in respect of each item under the contract.

21.2 Notwithstanding the issue of Final Acceptance Certificate the contractor and the purchaser (subject to Sub Clause as above) shall remain liable for fulfillment of any obligation incurred under the provision of the contract prior to the issue of Final Acceptance Certificate which remains unperformed at the time such certificate is issued and for determining the nature and extent of such obligation the contract shall be deemed to remain in force between the parties hereto.

22. WARRANTY

22.1 The work carried out and equipment supplied by the Contractor shall be guaranteed against the defects for a period of **twelve months** from the date of issue of Provisional Acceptance Certificate. The contractor shall provide comprehensive warranty maintenance for all the items supplied and work carried out by him against this tender.

22.2 During the free warranty maintenance period contractor should stabilize the working of the system. RailTel has the right to extend the period of supervision of the maintenance free of cost till the system stabilizes and works satisfactorily for a reasonable period of time. If during the time any equipment etc. is to be added or deficiencies are to be rectified to make the system work trouble free the same also will have to be done by the contractor free of cost as to make good of all the deficiencies.

23. INFRINGEMENTS OF PATENTS:

(a) The Contractor is forbidden to use any patents or registered drawings, processes or patterns in

fulfilling his contract without prior consent in writing of the owner of such patents, drawings, patterns or trade marks except where these are specified by the Purchaser himself. Royalties where payable for the use of such patented processes, registered drawings or patterns shall be borne exclusively by the Contractor. The Contractor shall advise the Purchaser of any proprietary rights that may exist on such processes, drawings or patterns, which he may use of his own accord.

- (b) In the case of patents taken out by the Contractor of the drawings or patterns registered by him or of those patents, drawings or patterns for which he holds a license, the signing of the contract automatically gives the Purchaser the right to repair by himself the purchased articles covered by the patent or by any person or body chosen by him and to obtain from any sources he desires the component parts required by him for carrying out the repair work. In the event of infringement of any patent rights due to above action of the Purchaser he shall be entitled to claim damages from the Contractor on the grounds of any loss of any nature which he may suffer e.g. in the case of attachment because of counterfeiting.

- 24. LICENSE AS PER GOVT. OF INDIA CONTRACT LABOUR ACT:** The Contractors are required to produce license as enjoined in the Government of India Contract Labour (Regulation and Abolition) Act (1978) with latest amendments, if any. They shall not be allowed to undertake or execute any work through contract Labour except under and in accordance with a license issued under the said Act in that behalf by the authorized licensing Officer.

- 24.1 Labour Cess:** The tenderers, for carrying out any construction work, must get themselves registered with the Registrar Officer under section-7 of the Building and other Construction workers Act 1996 and rules made thereto by the concerned State Govt. and submit certificate of Registration issued from the Registering officer of the concerned State Govt. (Labour Dept). **As per this act, the tenderer shall be levied a cess@1% of cost of construction work, would be deducted from each bill. Cost of material when supplied under a separate schedule item, shall be outside the purview of cess**

- 25. DEFAULTS AND DELAYS:** The Contractor shall execute the work with due diligence and expedition, keeping to the approved time schedule. Should he refuse or neglect to comply with any reasonable orders given to him in writing by the Purchaser's Engineers in connection with the work or contravene the provision of the Contract or the progress of work lags persistently behind the time schedule due to his neglect, the Purchaser shall be at liberty to give seven days notice in writing to the Contractor requiring him to make good the neglect or contravention complained of and should the Contractor fail to comply with the requisitions made in the notice within seven days from the receipt thereof, it shall be lawful for the purchaser to take the work wholly or in part out of the Contractor's hands without any further reference and get the work or any part thereof, as the case may be, completed by other agencies at the expense of the Contractor without prejudice to any other right or remedy of the Purchaser.

- 26. LOSS SUSTAINED DUE TO DEFAULTS AND DELAYS:** In the event of any loss to the purchaser on account of execution and/or completion of the work or any part thereof by agencies other than the contractor, in terms of para above the contractor shall be liable to reimburse the loss to purchaser without prejudice to the other rights and remedies of the purchaser and the reimbursement in full or in part, as the case may be, shall be met at the option of the purchaser from out of all or any of the following sources viz:

- (a) i) Any amount due and payable to the contractor by the purchaser on any account whatsoever;

- ii) The Contractor's security deposit in the hands of the purchaser as far as available, and;
- iii) Any other assets whatsoever of the contractor;
- (b) In the event of re-imbursement from out of sources (i) and/or (ii) above mentioned, the purchaser shall have the right of appropriation suo moto.

27. PENALTY FOR DELAY IN COMPLETION

- 27.1 The contractor fails to execute and complete the work within the time specified in the Agreement or within the period of extension granted the contractor shall accept reduction in the total amount payable to him by the purchaser at the rate of **0.5% per week or part thereof** (rounded off to the nearest whole number) of the total value of the contract for the actual delay occasioned beyond the appointed time by which the work shall have been completed under the contract.
- 27.2 The total value of penalty on account of above shall be **limited to maximum of 10% (Ten percent)** of the total contract value.
- 27.3 Such reduction shall be accepted by the purchaser in full satisfaction of the contractor's liability arising from delay only. This penalty for delay in completion will be applicable separately for each stage of completion of work when two or more stage of completion, are specified in the contract. The purchaser's engineer shall at his sole discretion specify a time limit within which the unfinished portion of the work shall be completed after serving on the contractor a notice of Purchaser's intention to recover the said penalty in Form 11. In the event of failure of the contractor, the purchaser shall be at liberty to take action in accordance with provisions in Para 33 and 34.

NOTE: For purpose of this para the value of work shall be calculated on the basis of unit prices included in schedule of requirements.

27.4 **Maintenance Block:** deleted

28 ADHERENCE OF TIME SCHEDULE

- 28.1 Timely completion of the work is the essence of the contract. While delay in execution will attract penalty, early completion will be rewarded.
- 28.2 If any delay as aforesaid shall have arisen from any cause which the Purchaser may agree as being a reasonable ground for extension of time the purchaser's engineer or his representative may allow such additional time as he may in his absolute discretion consider to be reasonably justified by the circumstances of the case. Such extensions shall be granted, on request from contractor, with liquidated damages in the Form No.11.

29 CONTRACTOR'S LIABILITIES FOR COSTS AND DAMAGES

29.1 WITHHOLDING AND LIEN IN RESPECT OF SUMS CLAIMED

- a) Whenever any claim or claims for payment of a sum of money arises out of or under the contract against the contractor, the Purchaser shall be entitled to withhold and also have lien to retain such sum or sums in whole or in part from the security, if any, deposited by the contractor and for the purpose aforesaid the purchaser shall be entitled to withhold the said cash security deposit or the security, if any, furnished as the case may be and also have lien over the sum pending finalization or adjudication of any such claim.
- b) In the event of the security being insufficient to cover the claimed amount or amounts or if no security has been taken from the Contractor, the Purchaser shall be entitled to withhold and have lien to retain to the extent of such claim amount or amounts referred to from any sum or sums found payable or which at any time thereafter may become payable to the Contractor under the same contract or any other department of the Central Government pending finalization or adjudication of any such claims.
- c) It is an agreed term of the contract that the sum of money or moneys so withheld or

retained under the lien referred to by the purchaser till the claim arising out of or under the contract is determined by the Arbitrator (if the contract is governed by the Arbitration clause) or by the competent court, as the case may be, and that the contractor will have no claim for interest of damages whatsoever on any account in respect of such withholding or retention under the lien referred to supra and duly notified as such to the Contractor.

d) For the purpose of this clause, where contractor is a partnership firm or a limited company, the purchaser shall be entitled to withhold and also have a lien to retain towards such claimed amount or amounts in whole or in part from any sum found payable to any partner/limited company, as the case may be, whether in his individual company or otherwise.

30. Rate, Taxes & Duties

- i. The price quoted in the offer should be firm, fixed indicating the breakup and inclusive of all taxes & duties like import, custom, Anti Dumping, CGST,SGST, IGST, UTGST etc. The offer should be inclusive of packing, forwarding, freight up to destination, insurance charges.
- ii. Bidder shall issue a 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.
- iii. 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.
- iv. 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.
- v. In case of incorrect reporting of the supply made by the vendor in the relevant return, leading to disallowance of input credit to purchaser, the vendor shall be liable to pay applicable interest under the GST Act to the credit of purchaser. The same provisions shall be applicable in case of debit/credit notes.
- vi. Tenderer 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)
- vii. 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.
- viii. In regards to works contract, the tenderer should have registration no for GST in respective State where work is to be executed and shall furnish GST registration certificate along with Tender.
- ix. The imposition of any new tax and /or increase in the aforesaid taxes, duties levies after the last stipulated date for the receipt of tender including extensions if any and the bidder thereupon 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 with-hold 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 of tender, bidder has to pass on the benefits to RailTel.
- x. In case of imported equipment: Anti dumping duty if applicable on the equipment proposed to be supplied by OEM/Tenderer as per extant instructions of Ministry of Commerce/Finance Government of India has to be borne by the tenderer 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.

- xi. Evaluation Criteria: inter se position of the offers will be determined on total unit rate on CIP destination basis which will include basic rate, custom duty GSST, SGST, IGST, GST, freight, insurance and any other charge or cost quoted by the tenderer, including GST payable. On reverse charge by RailTel, wherever applicable.
- xii. **However, if the extension of contract period is on account of failure of contractor, no compensation shall be made towards upward revision or imposition of any new taxes. Any benefit on account of downward revision of duty either in original contract period or during the extended contract period shall be passed on by the contractor to RailTel**

Note: "In case the successful tenderer is not liable to be registered under CGST/IGST/UTGST/SGST Act, the RailTel shall deduct the applicable GST from his/their bills under reverse charge mechanism (RCM) and deposit the same to the concerned tax authority."

- 31 MEASUREMENT OF WORKS:** Payments for the works shall be made in accordance with approved designs & drawings and measured in relevant units except where provided or otherwise. The measurements will be made generally in accordance with standard engineering practices.
- 32 MEANING AND INTERPRETATION BY RAILTEL TO BE FINAL:** All measurement, method of measurement, meaning intent of specifications and interpretation of Special Conditions of Contract, given and made by the Purchaser or by the Purchaser's Engineer shall be final and binding.
- 33 TERMS OF PAYMENT:** All bills shall be submitted to the authority mentioned in Preamble.
- 34 Progress Payment:** progress payment for completion of work shall be paid as detailed below:

I. for Hard Ware and Installation i.e. Part-A

- a. 100% Payment of the Hardware Part and One Time Service Charge (Part A) shall be paid after successful completion of work and issued of PAC. The work shall be accepted by the RailTel Engineer and Indian Coast Guard. **The payment shall be on back to back basis in arrears.**

The contractor shall submit the following documents for the release of payment

- i. Acceptance Certificate Jointly signed by RailTel and Indian Coast Guard for Satisfactory Completion of Work.
- ii. Link Test Report for links having all parameters Viz Latency, Throughput etc.
- iii. Delivery Challan of the Material
- iv. Warranty certificate.

II. for BW Charges i.e. Part-B

- a. The payment of Recurring BW charges for Link (PART-B) shall be paid quarterly from the date of Commissioning of Service and Acceptance of Indian Coast guard for the billing of services. **The payment shall be back to back in arrears.**
- b. The Contractor shall submit the Uptime Report. Necessary deductions shall be made for the link unavailability period as per SLA in Tender Specification.

35 FINAL PAYMENT

- i. On the basis of Final Acceptance Certificate from the Purchaser's Engineer for all the works at all the locations covered in this contract and reconciliation of materials issued, the final bill for the balance payment for each item of work shall be submitted by the Contractor along with a clear 'No Claim Certificate'. The Final Acceptance Certificate shall be issued by the Purchaser's Engineer only when he has accepted the work wholly after conducting the acceptance tests as per the details given in the technical specification and supplement.

35.1 VITIATION CLAUSE: Quantities shown in the schedule are approximate and can vary depending on site conditions. If any vitiation arises on account of variation of quantities, the contractor shall not be paid more than the lowest rate obtained after working out with the final operated quantities

36 FINAL SETTLEMENT

On expiry of the warranty period and issue of the certificate of final acceptance of the entire installations, the security deposit and PBG (Para 3) will be refunded or Bank Guarantee released to the Contractor after adjustment of any dues payable by the contractor to the purchaser.

37 CERTIFICATE FOR MODVAT BENEFITS ON BILLS : deleted

38 DEDUCTION FROM ON ACCOUNT PAYMENT BILLS

(i) All costs, damages or expenses, which RailTel may have been paid or incurred which under the provisions of contract are Contractor's obligations will be deducted by RailTel from progress payment Bills/Invoice of Contractor, as and when it is understood that such an expense has been incurred or paid for.

(ii) All such claims of RailTel shall, however, be duly supported by appropriate and certified vouchers, receipts or explanations as are available to enable the Contractor to identify such claims.

39 TAXES

39.1 The Contractor and all personnel employed by him shall pay such taxes like Income Tax as are payable under statutory laws of India and the Purchaser **WILL NOT ACCEPT** any liability for the same.

39.2 Deduction of Income Tax at source as per provisions of Finance Act and Income Tax in force shall be made from the Contractor/Sub-Contractor and the amount so deducted may be credited to the Central Government.

39.3 Wherever the law makes it statutory for the Purchaser to deduct any amount towards Sales Tax on Works Contract, the same will be deducted and remitted to the concerned authority.

40 INSURANCE : deleted

40.1&40.2INSURANCE OF MATERIALS & INSTALLATIONS: deleted

41 FORCE MAJEURE CLAUSE: If at any time, during the continuance of this Contract, the performance, in whole or part, by either party, of any obligation under this contract shall be prevented or delayed by reason of any war, hostility, act of the public enemy, Civil Commotion, Sabotage, Fires, Floods, Earth quakes, explosions, strikes, epidemics, quarantine restrictions, lockouts, any statute, statutory rules/ regulations, order of requisitions issued by any Government Department or Competent Authority of acts of God here-in-after referred to as event) then provided notice of the happening of any such event is give by either party to the other within twenty one days from the date of occurrence thereof, neither party shall, by reason of such event, be entitled to terminate this

Contract nor shall either party have any claim for damage against the other in respect of such non-performance or delay in performance, and the obligations under the Contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist, PROVIDED FURTHER that if the performance in whole or part of any obligation under this Contract is prevented or delayed by reason of any such event beyond a period as mutually agreed to by the RailTel and the Contractor after any event or 60 days in the absence of such an agreement whichever is more, either party may at its option terminate the Contract provided also that if the contract is so terminated under this clause the RailTel may at the time of such termination take over from the Contractor at prices as provided for in the contract, all works executed or works under execution.

42 SETTLEMENT OF DISPUTE AND ARBITRATION

- 42.1** 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 a sole arbitrator in accordance with provisions contained in 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 New Delhi.
- 42.2** All arbitration proceedings shall be conducted in English. Resources 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.
- 42.3** The Arbitral Tribunal shall consist of the sole Arbitrator if the value of claim is upto Rs. 10 Lakhs. The arbitrator will be appointed by the Chairman cum Managing Director of RailTel Corporation of India Ltd. If the value of claim or amount under dispute is more than Rs. 10 Lakhs, the matter shall be referred to the adjudication of arbitral council. Chairman cum Managing Director/RailTel shall furnish a panel of three names to the contractor, out of which the contractor will recommend one name to be his nominee and then Chairman cum Managing Director/RailTel shall appoint out of the panel, one name as RailTel's nominee and these two arbitrators with mutual consent appoint a third arbitrator who shall act as deciding. The award of the sole arbitrator or the Arbitral council, as the case may be, shall be final and binding on both the parties, i.e. Contractor and RailTel Corporation of India Ltd.
- 42.4** Each of the parties agree that no withstanding that the matter may be referred to Arbitrator as provided therein, 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

43 TERMINATION OF CONTRACT OWING TO DEFAULT OF CONTRACTOR

- 43.1** If the Contractor should:
- (i) Become bankrupt or insolvent or
 - (ii) Make an arrangement with or assignment in favour of his creditors, or agree to carry out the contract under a committee of inspection of his creditors, or
 - (iii) Being a Company or Corporation, go into liquidation (other than voluntary Liquidation for the purpose of amalgamation or reconstruction) , or
 - (iv) Have an execution levied on his goods or property on the works, or
 - (v) Assign the contract or any part thereof otherwise than as provided in clause-15 of SCC, or
 - (vi) Abandon the contract, or
 - (vii) Persistently disregard the instructions of the RailTel's Engineer or contravene any provision of the contract, or
 - (viii) Fail to adhere to the agreed programme of work by a margin of 10% of the Stipulated period, or
 - (ix) Fail to remove materials from the site or to pull down and replace the work after receiving from the Engineer's notice to the effect that the said materials or works have been condemned

or rejected, or

- (x) Fail to take steps to employ competent or additional staff and labour as required under clause 7 of SCC, or
- (xi) Fail to supply material and/or carry out the works as per contractual specifications, or
- (xii) Promise offer or give any bribe, commission, gift or advantage either himself or through his partner, agent or servant to any officer or employee of RailTel or any person on his or on their behalf in relation to the execution of this or any other contract with the RailTel, then and in any of these said cases, the Engineer on behalf of the RailTel may serve the Contractor with a notice in writing to that effect and if the Contractor does not, within 7 days after the delivery to him of such notice, proceed to make good his default in so far as the same is capable of being made good and carry on the work or comply with such directions as aforesaid to the entire satisfaction of the Engineer, the RailTel shall be entitled after giving 48 hours notice in writing under the hand of the Engineer to rescind the contract as a whole or in part or parts (as may be specified in such notice) and adopt either or both the following courses: A final termination notice will be issued by RailTel after expiry of 48 hrs, notice.
 - (a) To carry out the whole or part of the work from which Contractor has been removed by the employment of the required labour and materials, the cost of which shall include lead, lift, freight, supervision and all incidental charges.
 - (b) To measure up the whole or part of the work from which the Contractor has been removed and to get it completed by another contractor, the manner and method in which such work is completed shall be in the entire discretion of the Engineer whose decision shall be final; and in both cases (a) and (b) mentioned above the RailTel shall be entitled to forfeit the whole or such portion of the security deposit as it may consider fit,

43.2 Provided always that in any case in which any of the powers conferred upon the RailTel by Sub-clause above shall have become exercisable and the same shall not be exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions thereof and such power shall not withstanding be exercisable in the event of any future case of default by the Contractor for which his liability for past and future shall remain unaffected.

43.3 RIGHT OF RAILTEL AFTER TERMINATION OF CONTRACT OWING TO DEFAULT OF CONTRACTOR: In the event of any or several of the courses, referred in Sub-clause 43 above, being adopted:

- (a) The Contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any commitments or made any advances on account of or with a view to the execution of the works or the performance of the contract and Contractor shall not be entitled to recover or be paid any sum for any works thereto not actually performed under the contract, unless or until the Engineer shall have certified the performance of such work and the value payable in respect thereof and the Contractor shall only be entitled to be paid the value so certified.
- (b) The Engineer or Engineer's Representative shall be entitled to take possession of any materials, tools, implements, machinery or buildings on the works or on the property on which these are being or ought to have been executed, and to retain and employ the same in the further execution of the works or any part thereof until the completion of the works without the Contractor being entitled to any compensation for the use and employment thereof or for wear and tear or destruction thereof.
- (c) The Engineer shall, as soon as may be practicable after removal of the Contractor fix and determine exparte or by or after reference to the parties or after such investigation or enquiries as he may consider fit to make or institute and shall certify what amount (if any) has at the time of termination of the contract been reasonably earned by or would reasonably assure to the Contractor in respect of the work then actually done by him under the contract what was the value of any unused or partially used materials, any constructional plants and any temporary works upon the site.

(d) The RailTel shall not be liable to pay to the Contractor any moneys on account of the contract until the expiration of the period of maintenance and thereafter until the cost of completion and maintenance damages for delay in completion (if any) and all other expenses incurred by the RailTel have been ascertained and the amount thereof certified by the Engineer. The Contractor shall have no claim to any payment of compensation or otherwise howsoever on account of any profit or advantage which he might have derived from execution of the work in full but he did not derive in consequence of termination of the contract. The Contractor shall then be entitled to receive only such sum or sums (if any) as the Engineer may certify would have been due to him upon due completion by him after deduction of the said amount; but if such amount shall exceed the sum which would have been payable to the Contractor, then the Contractor shall upon demand pay to the RailTel the amount of such excess and it shall be deemed a debt due by the Contractor to the RailTel and shall be recoverable accordingly.



SECTION-II

CHAPTER-III		
FORMS OF TENDER		
Form No. 1	:	Offer Letter
Form No. 2	:	User's Certificate
Form No. 3	:	Agreement
Form No. 4	:	Guarantee Bond for Security Deposit/PBG
Form No. 5	:	Statement of Deviations
Form No. 6	:	Standing Indemnity Bond
Form No. 8	:	Acknowledgement for receiving materials from RailTel
Form No. 9	:	Extension of period of completion of work on account of contractor
Form No. 10	:	Qualification /Experience statement



FORM –I

PARA 6.7 (i) Section-II Chapter –I

OFFER LETTER

To
Regional General Manager (Southern Region)
RailTel Corporation of India Limited.,
2nd Floor, 'B' Block, Rail Nilayam,
Secunderabad – 500 071

1. I/We _____ have read the various conditions to tender attached here to and hereby agree to ABIDE BY THE SAID CONDITIONS. I/We also agree to keep this tender open for acceptance for a period of 30 days from the date fixed for opening the same and in default thereof, I/We will be liable for forfeiture of my/our Earnest Money. I/We offer to do the work of "Supply, Installation, Testing & Commissioning of 9 Nos of VSAT Links with 6.5 Mbps pooled BW at different locations in Andaman & Nicobar and Lakshadweep Islands (India) as per scope of work, Schedule of Requirement and Specifications for Tender no RailTel/Tender/OT/SR/HQ/VSAT Citra/2018-19/13 given in this Tender Document" and the rates Quoted in the attached schedules are hereby bind myself/ourselves to complete the work within 60 days. I/We also hereby agree to abide by the Various Conditions of Contract and to carry out the work according to the Specifications for materials and works laid down by the RailTel for the present contract.

2. A sum of Rs.-----/-(Rupees ----- thousand only) is herewith forwarded as "Earnest Money". The full value of Earnest Money shall stand forfeited without prejudice to any other rights or remedies if,

a) I/We do not execute the contract agreement within 30 days after receipt of notice issued by the RailTel that such documents are ready or, b) I/We do not commence the work within 15 days after receipt of orders to that effect.

3. Until a formal agreement is prepared and executed the acceptance of this tender 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/PO " of my/our offer for this work.

SIGNATURE OF CONTRACTOR (S) Date _____

CONTRACTOR (S) ADDRESS _____

SIGNATURE OF WITNESS

- 1.
- 2.

ACCEPTANCE OF TENDERS

I accept the tender as above and agree to pay the rate as entered in Schedule of requirements.

WITNESS

1. for and on behalf of
2. RailTel Corporation of India Limited Southern Region, Secunderabad

Date _____

Form- 2 Para 15.1.5 Section-II Chapter - I QUALIFYING

CRITERIA USER's CERTIFICATE

Name of the Firm Contract No. & date

Scope of Work

Contract Amount ((India)n Rupees)

Completion Period as per contract Data of Commencement

Actual date of Successful Completion

Quality of work : Satisfactory / unsatisfactory

(Please specify)

Name:

Dated:

Designation:

Signature of the User with Company Seal



AGREEMENT

An agreement made this ---- day of ----- 2018, between RailTel Corporation of India Ltd, a company incorporated under the companies Act 1956 and having its Regional Office at 2nd Floor, 'B' Block, Rail Nilayam Building, Secunderabad (here in after referred as RailTel) of the One part; and M/s ----- (Hereinafter referred to as 'contractor') of the other part.

Whereas in response to a call for Tender for "Supply, Installation, Testing & Commissioning of 9 Nos of VSAT Links with 6.5 Mbps pooled BW at different locations in Andaman & Nicobar and Lakshadweep Islands (India) as mentioned in schedule of requirement as per Tender papers, the Contractor has submitted his offer. The Contractor has submitted his offer.

Whereas the Contractor has agreed with RailTel Corporation of India Ltd for carrying out the work of " Supply, Installation, Testing & Commissioning of 9 Nos of VSAT Links with 6.5 Mbps pooled BW at different locations in Andaman & Nicobar and Lakshadweep Islands (India) as per the Tender document No. RailTel/Tender/OT/SR/HQ/VSAT Citra/2018-19/13 for Rs.----- (Rupees ----- only) as per copy of Letter of Acceptance (LOA)/PO of Open Tender issued vide letter No. RailTel/Tender/OT/SR/HQ/VSAT Citra/2018-19/13 & ERP LOA/PO no -----dt.--.2018 at accepted rates as contained in the said LOA (Annexure-3 hereto) issued by RailTel with schedule of requirement and terms and conditions.

Now this agreement witnesses that in consideration of the payment to be made by RailTel to the Contractor provided, the Contractor shall execute the work of " Supply, Installation, Testing & Commissioning of 9 Nos of VSAT Links with 6.5 Mbps pooled BW at different locations in Andaman & Nicobar and Lakshadweep Islands (India) mentioned in schedule of requirement as per Schedule of Requirement and Specifications for which the said tender of Contractor has been accepted strictly according to the Annexure-1,2 and 3 hereto and upon such work of " Supply, Installation, Testing & Commissioning of 9 Nos of VSAT Links with 6.5 Mbps pooled BW at different locations in Andaman & Nicobar and Lakshadweep Islands (India) mentioned in schedule of requirement as per Schedule of Requirement and Specifications & satisfactory completion of work and performance of the system to the satisfaction of the RailTel, the RailTel shall pay to the Contractor at the rates accepted as per the said Annexure-1 and in terms of conditions contained in Annexure-1, 2 & 3.

Whereas M/s. ----- has submitted ---- no. --- dt.----- for Rs.----- drawn on ---- Bank , -----branch, ---- valid till ----- towards security deposit and submitted ----- no. ---- dt.----- for Rs.----- drawn on ---- Bank -----branch, --- valid till ---towards Performance Bank Guarantee for due fulfillment of the contract.

In the witness where of the parties have hereinto set and subscribed their respective hands and/or seals day and year respectively mentioned against their respective signatures.

Signed and delivered at _____ by Shri _____ for and on behalf of M/s. _____

The contractor within named in the presence of:

1. Signatures Date Name in Block Capitals Address

2. Signatures

Date

Name in Block Capitals, Address

Signed and delivered at _____ for and on behalf of RailTel by Shri _____

{General Manager (Southern Region) or his successor} in the presence of:

1. Signatures Date Name in Block Capitals

2. Signature Date Name in Block Capitals

Address:

Annexure '1' Schedule of Works/rates. Annexure '2' Tender Document. Annexure '3': copy of PO (Signature) _____ Dated: Complete with enclosures

Form- 4 Para 3.5/Section-II Chapter – II

GURANTEE BOND FOR SECURITY DEPOSIT/PBG (Form-4)

(On Stamp Paper of requisite value) (To be used by approved Scheduled Banks)

1. In consideration of the Regional General Manager (Southern Region), RailTel Corporation of India Limited, Secunderabad – 500 071 (Herein after called RailTel) having agreed to exempt (Hereinafter called “the said Contractor(s)”) from the demand, under the terms and conditions of a Letter of Acceptance/PO No. dated made between and for (hereinafter called “ the said Agreement”) of security deposit for the due fulfillment by the said Contractor (s) of the terms and conditions contained in the said Agreement, or production of a Bank Guarantee for Rs. (Rs. only). We, (indicate the name of the Bank) hereinafter referred to as “ the Bank”) at the request of Contractor(s) do hereby undertake to pay the RailTel an amount not exceeding Rs. Against any loss or damage caused to or suffered or would be caused to or suffered by the RailTel by reason of any breached by the said Contractor(s) of any of the terms or conditions contained in the said Agreement.

2. We, Bank do hereby undertake to pay the amounts due and payable under this Guarantee without any demur, merely on demand from the RailTel stating that the amount is claimed is due by way of loss or damage caused to or would be caused to or suffered by the RailTel by reason of breach by the said Contractor(s) of any of terms or conditions contained in the said Agreement or by reason of the Contractor(s) failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.

3. We, bank undertake to pay to the RailTel any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s) / Supplier(s) in any suit or proceedings pending before any court or Tribunal relating thereto our liability under this present being, absolute and unequivocal. The payment so made by us under this Bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) / Supplier(s) shall have no claim against us for making such payment.

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

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

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

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

Dated the day of 2018 for (Indicate the name of the Bank)

Witness 1. Signature&Name

2. Signature&Name

Para 4 Section-II Chapter-I

Statement of Deviations

PROFORMA FOR STATEMENT OF DEVIATIONS

1. The following are the particulars of deviations from requirement of the Instructions to Tenderers and Conditions of Tendering, Preamble and Special conditions of Contract.
 - 1.1 Instructions to Tenderers and Conditions of Tendering

Clause	Deviation (Including Justification)	Remarks
1.2 Preamble		
Clause	Deviation (Including Justification)	Remarks
1.3 Special conditions of Contract.		
Clause Deviation Remarks	(Including Justification)	
 2. The following are the particulars of deviations from requirement of the technical specifications.

Annexure Clause	Deviation Remarks (Including Justification)

Note:

Where there is no deviation, the statement should be returned duly signed with an endorsement indicating no deviations.

SIGNATURE AND SEAL OF THE
MANUFACTURER / TENDERER

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FORM – 6
Section-II Chapter –II

STANDING INDEMNITY BOND

(For on Account Payments and Stores supplied by RailTel)
(On Stamp paper of Requisite Value)

We, M/s _____ hereby undertake that we hold at our Stores Depot/s at _____ for and on behalf of RailTel Corporation of India Limited in the premises through RGM/RailTel/Southern Region or his successor hereinafter referred to as “the Purchaser” all materials for which ‘On Account’ payments have been made to us against the Contract for ----- vide letter of Acceptance / PO No ----- of Tender No. RailTel/Tender/OT/SR/HQ/VSAT Citra/2018-19/13 and the materials handed over to us by the Purchaser for all purpose of execution of the said Contract, until such time the materials are duly erected or otherwise handed over to him. We shall be entirely responsible for the safe custody and protection of said materials against all risk till they are duly delivered as erected equipment to the purchaser or as he may direct otherwise and shall indemnify the Purchaser against any loss, damage or deterioration whatsoever in respect of the said materials while in our possession and against disposal of surplus materials. The said materials shall at all times be open to inspection by any engineer authorized by the Regional General Manager/Southern Region (whose address will be intimated in due course).

Should any loss, damage or deterioration of materials occur or surplus materials disposed off and refund becomes due, the purchaser shall be entitled to recover from us the full cost as per prices included in the Contract (as applicable) and also compensation for such loss or damage, if any, along with the amount to be refunded without prejudice to any other remedies available to his by deduction from any sum due or any sum which at any time hereafter becomes due to us under the said or any other Contract.

Dated this _____ day of _____
for and on behalf of M/s _____ (Contractor)

Signature of witness
Name and witness in Block letters
Address



8.3 of Section-II Chapter – II

ACKNOWLEDGMENT FOR RECEIVING MATERIALS FROM RAILTEL

Station: Date:

Sub: Receipt of Material from RailTel

It is hereby acknowledged that the following materials have been received in full and good condition by me on -----at----- for the work under the Agreement no.-----dated-----

Sl. No.

Description of Material

Quantity Remarks (Meter/No.) if any

Witnessed by:

(Signature of Engineer's Representative)

(Signature of Contractor Representative with or Contractor's Designation)



FORM - 9

Para - 35 Section-II Chapter - I I

EXTENSION OF PERIOD OF COMPLETION OF WORK ON CONTRACTOR'S ACCOUNT

No. Date:

To,

.....

Sub: (i) Name of Work:

(ii) Acceptance Letter No.

(iii) Undertaking / Agreement No.

Ref: (Quote specific application of the Contractor for extension to date, if received).

Dear Sir,

The stipulated date for completion of the work mentioned above isfrom the progress made so far and the present rate of progress, it is unlikely that the work will be completed by the above date (or However, the work was not completed on this date)

Expecting that you may be able to complete the work if some time is given the Regional General Manager (Southern Region), RailTel Corporation of India Limited, Secunderabad although not bound to do so, hereby extends the time for completion from to

Please note that an amount equal to 0.5% of the total value of the contract per week or part thereof (rounded off to the nearest whole number) subject to a maximum of 10% of the total contract value of the works as a recovery for delay in the completion of the work after the expiry of (1) will be recovered from as mentioned in para 35 chapter II, section II of the special conditions of contract for the extended period notwithstanding the grant of this extension. You may proceed with the work accordingly.

The above extension of the completion date will also be subject to the further condition that no increase in rates on any account will be payable to you.

Please intimate within a week of the receipt of this letter your acceptance of the extension on the conditions stated above.

Please note that in the event of declining to accept the extension on the above said conditions or, in the event of your failure after accepting or acting up to this extension to complete the work by (2) here mention the extended date), further action will be taken in terms of relevant para of special conditions of contract.

Yours faithfully, for & on
behalf of RailTel Corporation of India Limited

Note:

1. Give here the stipulated date for completion without any penalty fixed earlier.
2. Here mention the extended date.

FORM - 10**QUALIFICATION / EXPERIENCE**

Details of works executed and under execution during the last 3 financial years and the current financial year should be furnished in the following format.

S.No.	Name of Project and description of work.	Party's Address of whom the work was done	Total value ((India)n Rupees)	Year of completion and schedule period of execution (in months)	Year of completion and actual period of execution (in months)	Remarks

Note: A certificate from the organization, for which the work was executed, should preferably be enclosed to indicate that the contract was satisfactorily performed.

Signature and Seal of the Tenderer

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SECTION III

CHAPTER 1

Specification of Work/Material and other Terms & Conditions

1. The Contractor should have VSAT License.
2. The Links are required for Connecting Indian Coast Guard (ICG) for Citra Project at various sites at Mainland India and 9-Remote Sites through RailTel MPLS Network. The equipment provided by Contractor should support MPLS Links and should be integrated with RailTel MPLS Network at Mainland India.
3. The Connectivity at Andaman & Nicobar and at Lakshadweep should be covered by Single Satellite.
4. VSAT Connectivity Latency should not exceed 700 ms.
5. The Contractor should have working existing VSAT Links at Andaman & Nicobar and Lakshadweep at the time of date of Opening of Tender.
6. The Contractor should survey the site before participation in the Tender to assess the quantum of work.
7. The Contractor should take necessary approvals from Concerned Authorities for VSAT Link Setup. RailTel shall arrange permission from Indian Coast Guard.
8. The contractor should also liaison for getting the site tested by Competent Authority if required for taking necessary NOCC approval from DOT/Other CA Authority, if required.
9. The Contractor shall supply backhaul link of 6.5Mbps Links to integrate the VSAT Link from his Main Hub at Mainland India to nearest RailTel MPLS PoP at no additional cost to RailTel. RailTel shall provide the nearest PoP location detail as per request of Contractor. The important MPLS PoP Locations are attached.
10. The circuit should be handed over on Ethernet Interface.
11. The Router shall be supplied by RailTel for installation at the Nine Locations of ICG as per Annexure-A. Contractor has to install routers. RailTel will do necessary configuration. The router shall be handed over to the prospective vendor at RailTel SC Office. No additional installation/Commissioning/Transportation charges shall be applicable.
12. The Contractor shall provide the required IP Pools for setting of Connectivity at Hub and Remote Location.
13. The link should work in all weather conditions.
14. The contractor should share the BW and Throughput Results.
15. The contractor should provide the URL for monitoring the links.
16. The contractor should provide 24*7 NOC Support and escalation matrix.
17. The contractor should liaison with statutory authorities for NOCC and SACFA Clearance if required, any other clearance, whether required for VSAT Link and obtain the required licenses.
18. The Contractor should be having operations with valid commercial shared hub license on Ex-C broadband technology.
19. The Contractor should be having an operational hub for all the products quoted, with the requisite NOCC/statutory clearance for the network, if required.
20. Each branch should be able to get up to 2 Mbps pooled bandwidth
21. An uptime on a monthly basis for each site including Hub & backhaul shall be provided by the vendor.
22. Maintenance and upkeep of all equipment provided by bidder shall be the responsibility of the bidder only. The selected bidder has to check the site before installing the VSAT.
23. Bidder shall maintain the connectivity at each location on 24*7*365 basis & shall rectify the defect on receipt of complaint so as to maintain the SLA as per penalty clause of this tender document. Complaint shall be lodged over telephone, fax, letters, SMS, email etc. with the designated officials of bidder. Bidder has to provide the call registration and escalation matrix. Bidder also has

- to monitor the sites pro-actively through their NOC so as to prevent the link failure.
24. During the tenure of the contract, the bidder shall bear all the operational costs associated with VSAT commissioned, which may arise due to various problems.
25. Deployment Methodologies: Documents on deployment framework, tools, templates & utilities to be provided by Contractor.
26. Proactive monitoring of all the 9 full managed services through a central NMS with GUI and reporting on Daily/weekly/monthly basis.
27. Deployment and integration of the IP schema provided by RailTel/ICG.
28. Required Liaison for successful completion will be the responsibility of the bidder and not RailTel.
29. Contractor has to assign/configure the Pooled Bandwidth as per the requirement of ICG for 9 Locations.

I. Antenna Specifications for VSAT Parameter

	Description	Specification
	Antenna Size (Diameter)	Minimum 2.4 meters
a)	ITU	The antenna meets applicable ITU recommendations
b)	Antenna Adjustment Range	In Azimuth- 0° to 360° Continuous In Elevation- 10° to 90° Continuous
c)	Wind Loading	Operational- 80 Kmph Survival- 200 Kmph
d)	Temperature Operational	-40 C to 60 C
e)	Temperature Survival	-50 C to 70 C
f)	Humidity	95% at 40 C
g)	Rain Operational	½" / Hr
h)	Rain Survival	2" / Hr
i)	Shock and Vibration	As encountered during shipping and handling
j)	Steel	Hot dip galvanized steel or powder coated mount for extreme environmental conditions

- A.** All the Outdoor Units shall be IP65 Compliant to ensure normal operation during tropical, Cold and harsh environment.
- B.** LNA/LNB should work in the Temperature range from -40 C to + 60C with upto 100% humidity.
- C.** Block Up Convertor (BUC) - Should work in the Temperature range from -40 C to + 60C with upto 100% humidity.
- D.** Rain Attenuation 0.5 dB or better.

- II. SLA & Penalty Clauses:** The Contractor shall maintain the Service Level Agreement for uptime of >99.5%. The penalty for breach of SLA shall be levied as per following table.

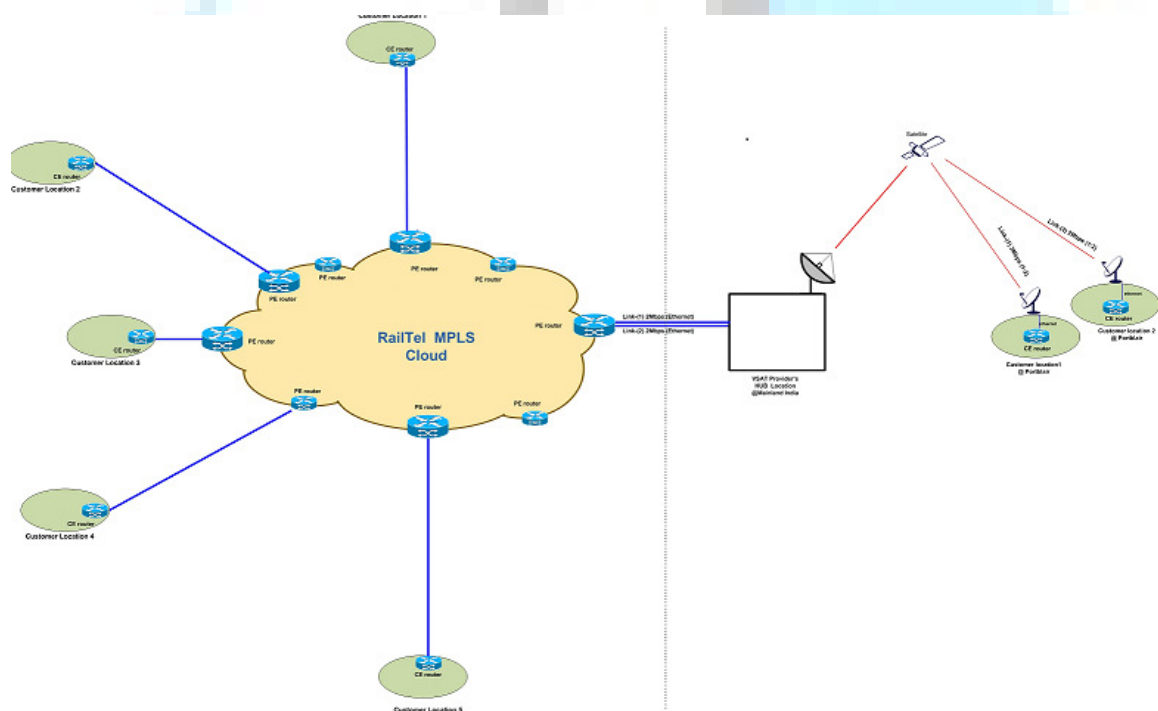
Network uptime for individual sites: 99.5% or above	No Penalty
99.00% to 99.49%	1% of cost of service for one month for the individual site
98.00% to 98.99%	2% of cost of service for one month for the individual site
97.00% to 97.99%	3% of cost of service for one month for the individual site
95.00% to 96.99%	4% of cost of service for one month for the individual site
Below 95%	Penalty amount shall be equal to 10% of Cost of Service for One Month for the individual site.

- III. Non-availability of MPLS** line per site for more than 12 hours, the Seller shall not be entitled payment for the day of non-availability of service and in addition Rs 2000.00 per day will be levied as penalty.
- IV.** ITSM portal/ Call Desk should be available on 365x24x7 during the entire contract period with minimum availability of 99%. Non-availability of ITSM Portal/ Call Desk for more than 24 hours – Rs 1000.00 per day will be levied as penalty. Mutually agreed maintenance periods and other justifiable circumstances as accepted by Coast Guard are exempted.



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Block Diagram of VSAT Link



Block Diagram of IC-VSAT Connectivity

RailTel MPLS PoPs

RailTel have at every Major Stations MPLS PoPs. The important list of MPLS locations are given below. However, contractor may request for nearest POP details from their Hub Locations.

Sr. No.	RailTel Imp MPLS PoP Location
1	Secundrabad, Railnilayam
2	Chennai, Egmore
3	Bangalore
4	Mumbai
5	Kolkata
6	New Delhi
7	Gurgaon
8	Ernakulam
9	Trivendrum
10	Vijayawada (BZA)
11	Erode
12	Guntakal
13	Salem
14	Trichy
15	Hassan
16	Shoranur
17	Madurai
18	Arakkonam
19	nanded
20	Wadi
21	Coimbatore
22	Manglore
23	Hubli
24	Gudur
25	Tirupati (TPTY)
26	Samalkot
27	Mysore
28	Guntur
29	Renigunta
30	Dindigul
31	Karur
32	Jolarpettai
33	Pondicherry
34	Visakhpatnam
35	Vikrabad

36	Palghat
37	Kakinada
38	Khazipet
39	Gadang(Londa)
40	Aurangabad
41	Latur Road
42	Villupuram
43	Parbhani
44	Ooty
45	Trissur
46	Hosur
47	Chengalpat
48	Tambaram
49	Calicut (CLT)
50	Katpadi (KPD)
51	Nagercoil
52	Sirpurkagaznar
53	Arsikere (ASK)
54	Tirunelveli (TEN)
55	Quilon (QLN) Kollam
56	Kayankulam (KYJ)
57	Bypanahalli
58	Nadikude
59	Jolarpettai
60	Gummudipundi
61	Nadadavolu
62	Manmad
63	Siddipet
64	Vriddhachalam Jn (VRI)
65	Myavaram (Mailaduturai)
66	SC-Minipop for CRIS L2
67	Mayavaram(MV)
68	Cuddalore (CDLR)
69	Chidambaram (CDM)
70	Thiruvavarur(TRVR)
71	Tanjore
72	Ramanathpuram
73	Gooty
74	Yelahanka