



RAILTEL CORPORATION OF INDIA LIMITED
(A Govt. of India Undertaking, Ministry of Railways)
2nd Floor, B-Block, Rail Nilayam, Secunderabad – 500 071.

TENDER DOCUMENT

Limited Tender No: RailTel/Tender/LT/SR/HQ/2017-18/46 Dt:01-08-2017

NAME OF THE WORK

**SUPPLY, INSTALLATION AND CONFIGURATION OF ACTIVE COMPONENTS
AT RAILTEL DATA CENTRE , SECUNDERABAD AS PER SPECIFICATION
AND SCHEDULE WITH THREE YEARS FREE ONSITE SUPPORT FOR
MAINTENANCE/REPAIR/REPLACEMENT OF EQUIPMENT**

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CHAPTER I

RailTel Corporation of India Limited

A Government of India (Ministry of Railways) Undertaking

Southern Region Head Quarters, Second Floor, B-Block, Rail Nilayam, Secunderabad-500071 (AP)

visit www.railtelindia.com, Tel: 040-27821134 Fax: 040-27820682,

Corporate Office: Plot No.143, Institutional Area, Sector-44, Gurgaon – 122003, NCR (India).

TENDER NOTICE

Limited Tender No: RailTel/Tender/LT/SR/HQ/2017-18/46

Dt:01-08-2017

RailTel Corporation of India Ltd., Secunderabad invites sealed tenders for the work “Supply, Installation and Configuration of active components at RailTel Data Centre , Secunderabad as per specification and schedule with three years free onsite support for maintenance/repair/replacement of equipment.” as per schedule of requirement (SOR) and specification enclosed to the tender document.

Sl No	Description of work	Earnest Money (EMD) in Rs.
1	Supply, Installation and Configuration of active components at RailTel Data Centre , Secunderabad as per specification and schedule with three years free onsite support for maintenance/repair/replacement of equipment.	1,00,000/-

Last Date for submission of Offer	23.08.2017 at 15.00 hrs.
Date of Tender Opening	23.08.2017 at 15.30 hrs.
Validity of Offer	90 Days from the date of opening to tender
Delivery Period	Within 45 days from the date of issue of LOA
Address for submission of Offer	The Regional General Manager, RailTel Corporation of India Limited, Second Floor, B-Block, Rail Nilayam, Secunderabad-500071

The tender document should be sealed in a cover duly superscripted Tender No., and Name of the work. RailTel is not responsible for delay or loss in transit. The bids will be opened at the above said address. Late/delayed/ incomplete tenders and tenders with insufficient EMD will be summarily rejected.

Firms registered with NSIC under single point registration scheme or any other body recognized by MSME are exempted from submission of EMD provided they registered tendered items/work and valid and in current. Copy of certificate to be submitted along with tender bid.

(Sanjeeva Kumar)
Asst.GM/DC/SC
for Regional General Manager/SR

INSTRUCTIONS TO TENDERERS**1.1 TENDERING INSTRUCTIONS:**

The tender document in original along with the schedule filled in and duly signed and stamped on each page, complete in all respects shall be enclosed in an envelope. The Tenderer shall also enclose in his offer that they accept all the RailTel's terms and conditions and have not offered any counter clauses. This envelope shall then be sealed and following shall be super scribed on the envelope

“Limited Tender No: RailTel/Tender/LT/SR/HQ/2017-18/46” Dt:01-08-2017

1.2 Tender cover should be addressed to **The Regional General Manager, RailTel Corporation of India Limited, 2nd Floor, B-Block, Rail Nilayam, Secunderabad – 500071** and should reach this office on or before **15:00 hrs on 23.08.2017**. The Tender will be opened on the same day at **15:30 hrs**. If it happens to be a holiday, tender will be opened on the next working day.

1.3 Tender sealed and superscripted as mentioned above can also be sent by Courier/Registered Post/ in person, 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 etc., RailTel will not be responsible.

2.0 EARNEST MONEY:

The tenderer shall deposit earnest money along with the tender in favour of **RailTel Corporation of India Ltd., payable at Secunderabad** in the form of Demand Draft from any Scheduled bank as detailed below:

Sl No	Description of work	Earnest Money (EMD) in Rs.
1	Supply, Installation and Configuration of active components at RailTel Data Centre , Secunderabad as per specification and schedule with three years free onsite support for maintenance/repair/replacement of equipment.	1,00,000/-

No bank guarantee for EMD is accepted. Earnest Money of unsuccessful Tenderers shall be returned & that of successful tenderer after supply and acceptance of the material and upon submission of valid SD/PBG. **Tenders without earnest money will be summarily rejected.** However, Firms registered with NSIC under single point registration scheme or any other body recognized by MSME are exempted from submission of EMD provided they registered tendered items/work and valid and in current. Copy of certificate to be submitted along with tender bid.

No interest is allowed on this Deposit and RailTel Corporation reserves the right to forfeit the Earnest Money Deposit in case of failure on part of the contractor to fulfill the conditions of contract.

EMD should remain valid for a period of 90 days beyond the final bid validity period.

Forfeiture of Earnest Money:

When the tenderers withdrawn or revised his offer within the validity period, RailTel has the right to forfeit the Earnest Money Deposit.

3.0 Evaluation Criteria :

The Total All Inclusive Rate on FOR destination given in Schedule-A, will be criteria for deciding the inter-se-position and consideration of offers against the Schedule of Requirements given in the Schedule A,.

4.0 SECURITY DEPOSIT (SD)/PERFORMANCE BANK GUARANTEE (PBG):

4.1 On Receipt of the Letter of Acceptance/PO of Tender from the RailTel, the successful **Tenderer shall deposit an amount equal to 10% of contract value as Security deposit** for due fulfillment of the contract within a period of 15 days.

4.2 The Earnest Money already paid by the successful Tenderer may at the discretion of the successful Tenderer be adjusted towards payment of this Security deposit and the additional 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) FDR

4.3 The Security Deposit/PBG will bear no interest.

4.4 **The Instruments for security deposit should be valid for three months beyond the defects liability/warranty period.** On successful completion of warranty period and on certification of concerned RailTel engineer, the security deposit will be refunded or Bank guarantee released to the contractor after adjustment of any dues payable by the contractor.

5.0 GENERAL

5.1 All corrections and over-writing must be attested.

5.2 The Tenderer should read the conditions carefully and also see the schedule of requirement and technical specifications before submitting the offer.

No counter conditions for the clauses laid down will be permitted. Such offers are liable for rejections without intimation. In all matters of dispute, the decision of the Regional General Manager, Southern Region, Secunderabad shall be final and binding.

5.3 Tenderer while quoting may specifically note the following: -

- a) Price breakup has to be given as per SOR.
- b) During the course of Supply, any statutory variation in taxes / duties shall be to RailTel account and shall be admissible on production of valid documentary evidence. Tenderer may submit the taxes / duties structure considered by him while quoting the rates.

6 Clause Wise Compliance:

Clause wise compliance statement of the technical specifications and commercial terms & conditions shall be enclosed with the offer along with technical literature of the material and other documents in support of relevant clauses. The tender document issued by RailTel should be signed on each page along with stamp of the company/firm and should be submitted along with bid.

7 Delivery Period: The material should be supplied within **45 days** from the date of issue of Purchase Order/LOA.

8 Provenness of the material / equipment supplied:

In order to enable the Purchase to assess the Provenness of the materials offered, the bidder shall provide documentary evidence regarding the materials being offered by him.

9 WARRANTEE PERIOD:

9.1 The materials should be warranted for **36 Months** from date of Installation . The bidder shall warrant that stores to be supplied shall be new and free from all defects and faults in material, workmanship and manufacture and shall be of the highest grade and consistent with the established and generally accepted standards of material of the type ordered and shall perform in full conformity with the specifications and drawings. The contractor shall be responsible for any defects that may develop under the conditions provided in tender and under proper use, arising from faulty materials design or workmanship such as corrosion, inadequate quantity of material to meet requirements, inadequate protection, deficiencies in circuit design and / or otherwise and shall remedy such defects at his own cost when called upon to do so by the Purchaser who shall state in writing in what respect the stores are faulty.

9.2 If it becomes necessary for the contractor to replace or renew any defective portion/portions of the material under this clause, the provisions of the clause shall apply to the portion/portions of the material so replaced or renewed or until the end of the above mentioned period of twenty four months, whichever may be later, if any defect is not remedied within a reasonable time, the Purchaser may proceed accordingly at the contractor's risk and expenses, but without prejudice to any other rights which the Purchaser may have against the contractor in respect of such defects.

9.3 Replacement under warranty clause shall be made by the contractor free of all charges at site including freight, insurance and other incidental charges.

10 TERMS OF PAYMENT

a) 100% payment on receipt of full materials and installation at site duly inspected and accompanied with the following documents:

- Invoice
- Delivery Challan duly accepted by Consignee
- Excise Gate pass/Excise Invoice or Custom Duty Receipt, etc as applicable
- Inspection Certificate
- Warranty Certificate of OEM/Supplier
- Insurance Certificate
- Certificate for Fall Back Clause

- 11 Paying Authority:** Bill passing officer is General Manager/DNM and bill paying officer is General Manager/Finance.
- 12 GST No :** GST details to be mentioned on the bill for arranging payment.
- 13 Taxes & Duties**
The price quoted should be firm, indicating the breakup and inclusive of all taxes & duties like import, custom, c.v.d., ED & Sales Tax, Octroi, Entry Tax, VAT/GST etc as applicable while submission of tender document. The offer should be inclusive of packing, forwarding, freight & insurance charges. Form C will be issued by RailTel Corporation of India Limited if applicable and specified by the agency
- 14 Others:** The details / proof of payment of Sales & Service Tax/GST on materials supplied to RailTel if paid shall be furnished along with the invoice. If not paid, a declaration may be furnished.
- 15 Transportation :** The rates quoted should be F.O.R. destination.
- 16 Statutory Deduction:** These will be made at source as per the rules prevalent in the area of work.
- 17 Liquidated Damages**
The timely delivery is the essence of this project. Liquidated damages will be applicable at the rate of half percent per week or part thereof for undelivered portion subject to a maximum of **10% of the cost of supply**. RailTel will have the right to cancel the order, place order on alternative source at risk & cost of the supplier besides levying the LD.
- 18 Purchaser's Right to Vary Quantities**
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 during currency of the contract.
- 19 Purchaser's Right to accept any Bid and to reject any or all Bids**
The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders on the grounds for the Purchaser's action.
- 20 Annulment of Award - Deleted**
- 21 UNIT PRICES**
21.1 The Unit price quoted by the tenderer shall include prices of all materials, incidental charges for transport, loading/unloading and handling of materials, charges for arranging dispatch by rail/road direct from manufacturer's factory. The prices would also include charges towards completing all necessary formalities such as submission of forwarding notes, arranging placement of Wagon, Siding/shunts charges, banker's charges for Bank Guarantee, Indemnity Bonds inclusive of cost of Stamp etc. As applicable and also the charges, if any, levied by the Railway.

- 21.2 The Unit prices shall include all Taxes, Duties, Royalty and other levies applicable on this contract. Therefore, the firm should quote their prices taking into account any other tax livable on the contract.
- 21.3 The Unit price to be quoted by the tenderers should take into account the credit availed on inputs under the VAT/CENVAT/GST scheme. The tenderers should give a declaration that any set off in respect of duties on inputs as admissible under law is being totally and unconditionally passed on to the purchaser in the price quoted by him. The bidder in this regard may submit the details of breakup of all taxes and duties so that RailTel can avail the CENVAT credit benefits.
- 21.4 The Unit prices quoted in the contract shall be inclusive of all taxes i.e. excise duty, octroi, entry tax, local levies, sales tax levied by any statutory authority, VAT or any other tax. The tenderer will indicate the details of taxes included in the unit prices. Offer received without specific details/ break up of various taxes included in the unit prices are liable to be summarily rejected.
- 21.5 The purchaser shall make statutory deductions if required to do so. The deducted amount shall be remitted to the concerned authority and the purchaser shall in no way be responsible for any disputes between such authorities and the contractor in this regard.
- 21.6 Arrangement for all permits/ licenses required for delivery of materials at site including Road Permits etc. will be the responsibility of contractor and the Contractor will have to make his own arrangements. No import license shall be arranged by the RailTel for this work.
- 21.7 The price shall be firm in Indian Rupees and FOR Destination. No foreign exchange will be made available by the purchaser.
- 21.8 The price quoted by the bidder shall remain fixed during the entire period of contract and shall not be subject to variation on any account.

22 Offer letter and Validity of Offer

The bidder shall complete the offer letter and the price schedule furnished in the bid documents, indicating the goods to be supplied, description of the goods, associated technical literature, quantity and prices etc. For the items not manufactured by bidders, the authorization from original manufacturer should be enclosed.

The offer should remain valid for a period of 90 days from the date of opening.

23 Inspection:

Pre-shipment/pre-dispatch inspection shall be carried out at manufacturer's / supplier's site by authorized representative of RailTel's/RDSO/Inspecting Authority. The materials should be offered for inspection within 3 to 4 weeks from date of issue of Purchase Order. Travelling, lodging & boarding expenses of RailTel's representative and charges for 3rd party inspection, if any, shall be borne by RailTel but necessary facilities if but necessary facilities to carry out tests/ witness inspection shall be provided by the manufacturer's / supplier's, free of cost.

Along with inspection call, the manufacturer's / supplier's shall submit details of test procedures, test program, test parameters together with permitted values, etc., and their Quality Assurance plan.

In case material fails during inspection, the same shall be replaced, free of cost, by manufacturer's / supplier's. In such case, total cost of re-inspection including travel, lodging & boarding of the inspecting officials shall be to manufacturer's / supplier's account.

Nominated RailTel Engineer will issue inspection certificate of successfully completion of the test/inspection.

- 24 Consignee Details:** RailTel Corporation of India Ltd.,
B-Block II floor , RailNilayam
Secunderabad Telangana 500071.

25 FORCE MAJEURE CLAUSE:

If at any time during 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 or acts of God (here-in-after referred to as event) then provided notice of the happening of any such, event is given 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.

- 26 ARBITRATION:** Any dispute or difference whatsoever arising between the parties out of or relating to the construction, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be settled by a sole arbitrator in accordance with provisions contained in Arbitration and Conciliation Act, 1996.
- a. The sole arbitrator shall be appointed by the Managing Director of RailTel Corporation of India Limited. It is expressly understood between the parties that no objection shall be raised at any time after execution hereof to the appointment of the arbitrator by the Managing Director of RailTel Corporation of India Limited including that the person appointing the arbitrator is connected to and /or employed with the RailTel Corporation of India Limited.
 - b. The Venue of the arbitration shall be Secunderabad (India). The arbitration proceedings shall be conducted in English and cost of the arbitration shall be borne between the parties in equal proportion.
 - c. The Arbitrator shall give a reasoned award, which shall be binding on the parties.

27 TERMINATION OF CONTRACT:

RailTel reserves the right to interrupt and terminate the contract at any time, should in RailTel's opinion, the cessation of work become necessary, owing to paucity of funds of the Contractor, the Contractor's apparent inability to perform, non procession of equipments and tools required for the work or defective and mal-functioning

equipments, inability to provide men and material or for any other cause deemed reasonable. In such case, the value of approved materials utilized at site and of certified and accepted work done to date by the Contractor shall be paid for in full at the rates specified in the Contract subject to the clause of Liquidated damages contemplated herein. All such materials become the property of the RailTel. Notice in writing from the RailTel of such termination and reason thereof shall be conclusive evidence of taking over of works from the contractor. The security deposit will be forfeited in such case of termination.

28 GOVERNING LAWS:

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

29 TERMINATION FOR INSOLVENCY:

The purchaser may at any time terminate the order/contract by giving written notice to the supplier, without compensation to the supplier, if the supplier becomes bankrupt or otherwise insolvent as declared by the competent court provided that such termination will not prejudice or affect to the Purchaser.

30 FALL BACK CLAUSE:

The order / contract, if and when placed, will be subject to following fall back clause:

- a. The price quoted by the supplier should not be higher than the maximum price, if any, for the materials and the same shall not be higher than the price usually charged by the supplier for materials of the same nature, class or description to any other purchaser.
- b. The price charged for the materials supplied under the order/contract by the supplier shall in no event exceed the lowest price at which the supplier sells the materials of identical description to any other person during the period till performance of all supply orders placed during the currency of the contract is completed. If at any time during the period the supplier reduced the sale price of such materials or sells such materials to any other person including his dealers at a price lower than the price chargeable under the contract, he shall forthwith notify such reduction or sale to the purchase and the price payable under the contract for these materials supplied after the date of coming into forced of such reduction or sale shall stand correspondingly reduced.
- c. If it is discovered that the supplier has contravened the above conditions, then without prejudice to any other action which might be taken against him, it shall be lawful for the purchaser to terminate the order/contract and purchase the materials at the risk and cost of the supplier and in that event the provision of general conditions of tender shall, as far as possible, be applicable or recover the loss.

- d. The contractor shall furnish the following certificate to the concerned account officer along with each bill for payment of suppliers made against the order/contract.

"I/We certify that there has been no reduction in sale price of the stores of description identical to the stores supplied to the Government under the contract herein and such stores have not been offered/sold by me/us to any person/organization including the purchaser or any Department of Central Government or any Railway Office or any Railway Undertaking as the case may be up to the date of bill/the date of completion of supplies against all supply orders placed during the currency of the order/contract at a price lower than the price charged to the RailTel, Southern Region, under the contract."

31. GST

1. The imposition of any new tax and /or increase in the aforesaid taxes, duties levies (including fresh imposition of any other Tax like goods and Service Tax subsuming the indirect taxes like excise, VAT, Service Tax etc), 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 local/ state / Central Government authorities as may be applicable.
2. After imposition of GST as explained clause 1 above, bidder shall issue proper invoice to RailTel for availing input credit of CGST/SGST/IGST. GST will not be reimbursed in the absence of proper invoice for availing input tax credit.
3. The break-up of price of each item of SOR in terms of basic unit price, Excise duty, Sales Tax, Freight, Custom Duty, Forwarding, Packing, Insurance and nay other Levies/Charges already paid or payable by the bidder shall be quoted in the SOR. Bidder has to quote all inclusive rates (with tax break-up). Even after the introduction of GST, all inclusive unit rates payable will not exceed the all inclusive rates offered by the bidder. However, if rates are reduced in the current tax structure the bidder has to pass on the benefit to RailTel.

OFFER LETTER

To,
Regional General Manager,
RailTel Corporation of India Limited,
2nd Floor, B-Block, Rail Nilayam,
Secunderabad – 500 071.

I/We _____ have read the various conditions detailed in tender documents attached here to and hereby agree to ABIDE BY THE SAID CONDITIONS. I/We also agree to keep this tender open for acceptance for a period of **90 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 supply of Schedule of supply given in the Tender Document in Chapter 2 at the rates quoted in the attached schedule and hereby bind myself/ourselves to complete the supply within **45 days** from the date of issue of Purchase Order. I/We also hereby agree to abide by the Various Conditions of Contract and to carry out the supplies according to the Specifications for materials and works laid down by the RailTel for the present contract.

EMD for SOR (Supply and installation) :

2. A sum of Rs. _____ as an Account Payee Demand Draft No. _____ dt. _____ issued by _____ in favour of **RailTel Corporation India Ltd. Secunderabad** is herewith forwarded as “Earnest Money”. The full value of Earnest Money shall stand forfeited without prejudice to any other rights or remedies if, I/We withdraw or modify the offer within validity period to that effect.

SIGNATURE OF SUPPLIER (S) with Seal

Date:

SIGNATURE OF WITNESS CONTRACTOR (S) ADDRESS

- 1.
- 2.

CHAPTER-II
SCHEDULE OF REQUIREMENT

Name of the Work: Supply, Installation and Configuration of active components at RailTel Data Centre , Secunderabad as per specification and schedule with three year free onsite support for maintenance /repair/replacement of equipment.

Tender No. RailTel/Tender/LT/SR/HQ/2017-18/46 **Dt:**27-07-2017

SL NO	Item	Cisco Part Description	Qty	Cisco Product ID	Total Qty	Basic Unit Price	Total (Rs) (Basic Price * Qty)	GST on Total	Grand Total
1	Cisco UCS 260 M4 Blade Server with 3 Years onsite support	UCS Scalable M4 Blade Module w/o v4 CPU/DIMM/HDD for B260 M4	1	UCSB-EX-M4-3C-U	2				
		2.1 GHz E7-4809 v4/115W 8C/20M Cache/DDR4 1866MHz	2	UCS-CPU-E74809E					
		32GB DDR4-2133-MHz RDIMM/PC4-17000/dual rank/x4/1.2v	8	UCS-MR-1X322RU-G					
		480GB 7mm Enterprise Performance SATA SSD	2	UCS-SD480GB7M-EP					
		Cisco UCS VIC 1340 modular LOM for blade servers	1	UCSB-MLOM-40G-03					
		Cisco UCS VIC 1380 mezzanine adapter for blade servers	1	UCSB-VIC-M83-8P					
		UCS Scalability Terminator for B260 M4 with v4 CPU	1	UCSB-EX-M4-2SC-2					
		CPU Heatsink for UCS B260 M4 & B460 M4 Socket 1 (Left)	1	UCSB-HS-EX-L					
		CPU Heatsink for UCS B260 M4 & B460 M4 Socket 2 (Right)	1	UCSB-HS-EX-R					
		Cisco ONE Data Center Compute Opt Out Option	1	C1UCS-OPT-OUT					
		SNTC 8X5XNBD UCS Scalable M4 Blade Module w/o v4 CPU/DIMM/HD	1	CON-SNT-EXM43CU					

SL NO	Item	Cisco Part Description	Qty	Cisco Product ID	Total Qty	Basic Unit Price	Total (Rs) (Basic Price * Qty)	GST on Total	Grand Total
2	Cisco UCS B200 M4 Blade server with 3 Years onsite support	UCS B200 M4 w/o CPU, mem, drive bays,HDD, mezz (UPG)	1	UCSB-B200-M4-U	4				
		2.10 GHz E5-2620 v4/85W 8C/20MBCache/DDR4 2133MHz	2	UCS-CPU-E52620E					
		32GB DDR4-2400-MHz RDIMM/PC4-19200/dual rank/x4/1.2v	4	UCS-MR-1X322RV-A					
		600GB 12G SAS 10K RPM SFF HDD	2	UCS-HD600G10K12G					
		Cisco UCS VIC 1340 modular LOM for blade servers	2	UCSB-MLOM-40G-03					
		Cisco FlexStorage 12G SAS RAID controller with Drive bays	2	UCSB-MRAID12G					
		CPU Heat Sink for UCS B200 M4/B420 M4	2	UCSB-HS-EP-M4-R					
		CPU Heat Sink for UCS B200 M4/B420 M4	2	UCSB-HS-EP-M4-F					
		Cisco M4 - v4 CPU asset tab ID label (Auto-Expand)	2	UCS-M4-V4-LBL					
		Cisco ONE Data Center Compute Opt Out Option	2	C1UCS-OPT-OUT					
		SNTC 8X5XNBD UCS B200 M4	2	CON-SNT-B200M4U					
3	CISCO L3 48 port switch with single power supply module with 3 Years onsite support	WS-C3650-48TQ	2	WS-C3650-48TQ-L+S3650UK9-36E+CAB-TA-IN+PWR-T2-BLANK+PWR-C2-BLANK	2				

SL NO	Item	Cisco Part Description	Qty	Cisco Product ID	Total Qty	Basic Unit Price	Total (Rs) (Basic Price * Qty)	GST on Total	Grand Total
4	48 port L3 switch- CISCO (Fully loaded with redundant power supply & network modules) with 3 Years onsite support	WS-C3650-48TQ	1	WS-C3650-48TQ-L+S3650UK9-36E+CAB-TA-IN+PWR-T2-BLANK+PWR-C2-250WAC/2+ 4xGLC-SX-MMD	1				
5	Cisco 10G-SR SFP module with 3 Years onsite support	Cisco 10G-SR SFP module	20	GLC-SX-MMD	20				
6	Secondary Power supply & Network module for CISCO L3 Switch with 3 Years onsite support	PWR-C2-250WAC	2	PWR-C2-250WAC + Cisco Catalyst C3KX-NM-10G Network Module	2				
	Grand Total of all items								
	Grand Total (in words)								

Note :

- (i) If there is any discrepancy in the total amount and the Unit Rate, the value shown in the Unit Rate shall be considered for the evaluation.
- (ii) Rates quoted should be inclusive of Transportation cost etc.
- (iii) Evaluation of tender is on the basis of total offered value inclusive of all taxes , as product is of CISCO make.
- (iv) The power cables of active components should supplied with C13 – C14 and C19-C20 as per device configuration

**Signature of Tenderer
with seal**

1.1 Technical Specification for UCS B260 M4 Blade Server (Item No: 1 of SOR)

Sr No	Feature	Specifications
1	Blade Server chassis	The Blade server should be compatible with existing UCS chassis 5108
2	Processor	Each blade server should be configured with a minimum of two (2) Intel 8 core 2.1 GHz E7-4809 v4 CPU with 20Mb cache memory or higher available in latest series.
3	Memory	Each blade server should be configured with 256 GB of memory with 30% slots free for future expansion Blade server should support 48 DIMMs and scale to 3 TB memory with fully configured and Fastest available CPUs available in the proposed model.
4	HDD	The server should support a minimum of 2 hot plug SAS, SATA and SSD hard disk drives. Server should be configured with two 10k RPM drives of 480gb 7mm Enterprise SATA SSD or above. Server must also support SAN boot.
5	Interface ports	The Blade server should support Ethernet and fiber channel connectivity OR Converged Network Adapters in lieu of the same. The Converged Network Adapters should aggregate both the Ethernet and FC connectivity on a single fabric
6	Redundancy ports	The server should be configured to provide for port and card level redundancy
7	IO bandwidth	The server should provide enough number of converged ports to provide minimum of 20Gb aggregate bandwidth. The server bandwidth should be expandable to 40Gb per server for lan & SAN traffic and should be able to create minimum 32 virtual NICs and HBAs.
8		It should support remote/virtual KVM capability from an external keyboard, video monitor and mouse to all blades installed in the chassis through the management controllers and should also support virtual media for dvd access.

1.2 Technical Specification for UCS B200 M4 Blade Server (Item No: 2 of SOR)

Sr No	Feature	Specifications
1	Blade Server chassis	The Blade server should be compatible with existing UCS chassis 5108
2	Processor	Each blade server should be configured with a minimum of two (2) Intel 8 core 2.10 GHz E5-2620 v4 CPU with 20Mb cache memory or higher available in latest series.
3	Memory	Each blade server should be configured with 128 GB of memory with 30% slots free for future expansion Blade server should support 48 DIMMs and scale to 768 GB memory with fully configured and Fastest available CPUs available in the proposed model.
4	HDD	The server should support a minimum of 2 hot plug SAS, SATA and SSD hard disk drives. Server should be configured with two 10k RPM drives of 600GB SAS above. Server must also support SAN boot.
5	Interface ports	The Blade server should support Ethernet and fiber channel connectivity OR Converged Network Adapters in lieu of the same. The Converged Network Adapters should aggregate both the Ethernet and FC connectivity on a single fabric
6	Redundancy ports	The server should be configured to provide for port and card level redundancy
7	IO bandwidth	The server should provide enough number of converged ports to provide minimum of 20Gb aggregate bandwidth. The server bandwidth should be expandable to 40Gb per server for lan & SAN traffic and should be able to create minimum 32 virtual NICs and HBAs.
8		It should support remote/virtual KVM capability from an external keyboard, video monitor and mouse to all blades installed in the chassis through the management controllers and should also support virtual media for dvd access.

1.3 Technical Specification for Cisco L3 48 port Switch (Item No: 3 of SOR) (With Single Source and No Network Module)

Model	3650-48TQ-L
Device Type	Switch - 48 ports - managed - stackable
Enclosure Type	Desktop, rack-mountable 1U
Subtype	Gigabit Ethernet
SOFTWARE	Cisco IOS LAN Base with latest version
Authentication Method	RADIUS, Secure Shell (SSH), TACACS+
RAM	4 GB
MAC Address Table Size	32000 entries
Authentication Method	Secure Shell (SSH), RADIUS, TACACS+
Status Indicators	Port transmission speed, port duplex mode, system, active, status
Routing Protocol	Static IP routing
Features	ARP support, Access Control List (ACL) support, Quality of Service (QoS), RADIUS support, Rapid Per-VLAN Spanning Tree Plus (PVRST+), Rapid Spanning Tree Protocol (RSTP) support, Remote Switch Port Analyzer (RSPAN), Uni-Directional Link Detection (UDLD), VLAN support, layer 2 switching, trunking, DHCP snooping, Dynamic ARP Inspection (DAI), Energy Efficient Ethernet, IGMP snooping, Link Aggregation Control Protocol (LACP), MLD snooping, Multiple Spanning Tree Protocol (MSTP) support, Port Aggregation Protocol (PAgP) support
Compliant Standards	IEEE 802.1D, IEEE 802.1Q, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z, IEEE 802.1ab (LLDP), IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad (LACP)
Routing Protocol	static IP routing
Remote Management Protocol	CLI, RMON 1, RMON 2, RMON 3, RMON 9, SNMP 1, SNMP 2c, SNMP 3, SSH, Telnet
POWER	1 X 250 Watt AC Power Supply Hot Pluggable with C13-14 power chords(1 cables)
RAM	Installed Size 4GB

1.4 Technical Specification for Cisco L3 48 port Switch (Item No: 4 of SOR)

Model	3650-48TQ-L
Device Type	Switch - 48 ports - managed - stackable
Enclosure Type	Desktop, rack-mountable 1U
Subtype	Gigabit Ethernet
SOFTWARE	Cisco IOS LAN Base with latest version
Ports	48 x 10/100/1000 + 4 x 10 Gigabit SFP+ (Network Module)
Authentication Method	RADIUS, Secure Shell (SSH), TACACS+
RAM	4 GB
MAC Address Table Size	32000 entries
Authentication Method	Secure Shell (SSH), RADIUS, TACACS+
Status Indicators	Port transmission speed, port duplex mode, system, active, status
Routing Protocol	Static IP routing
Features	ARP support, Access Control List (ACL) support, Quality of Service (QoS), RADIUS support, Rapid Per-VLAN Spanning Tree Plus (PVRST+), Rapid Spanning Tree Protocol (RSTP) support, Remote Switch Port Analyzer (RSPAN), Uni-Directional Link Detection (UDLD), VLAN support, layer 2 switching, trunking, DHCP snooping, Dynamic ARP Inspection (DAI), Energy Efficient Ethernet, IGMP snooping, Link Aggregation Control Protocol (LACP), MLD snooping, Multiple Spanning Tree Protocol (MSTP) support, Port Aggregation Protocol (PAgP) support
Compliant Standards	IEEE 802.1D, IEEE 802.1Q, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z, IEEE 802.1ab (LLDP), IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad (LACP)
Routing Protocol	static IP routing
Remote Management Protocol	CLI, RMON 1, RMON 2, RMON 3, RMON 9, SNMP 1, SNMP 2c, SNMP 3, SSH, Telnet
POWER	2 X 250 Watt AC Power Supply Hot Pluggable with C13-14 power chords(2 cables)
RAM	Installed Size 4GB

1.5 Technical Specification for Cisco 10G SFP (Item No 5 of SOR)

Model No	Technical Specification
Cisco 10G-SR SFP module with 3 Years onsite support	Cisco 10GBASE-SR SFP+ Module for MMF
	Transmit Power (dBm) with -1.2 max and -7.3 min
	Receive Power (dBm) with -1.0 max and -9.9 min
	840 to 860 nm
	Laser Class 1 21CFR-1040 LN#50 7/2001

1.6 Technical Specification for Secondary Power Supply and Network Module (Item No6 of SOR)

Model No	Technical Specification
Secondary Power supply & Network module for CISCO L3 Switch with 3 year Support	PWR-C2-250WAC Secondary Power Module
	4 x 10 Gigabit Ethernet with SFP+ Module

Chapter III

PROFORMA FOR STATEMENT OF DEVIATIONS

- (1) The following are the particulars of deviations from the requirements of the tender specification.

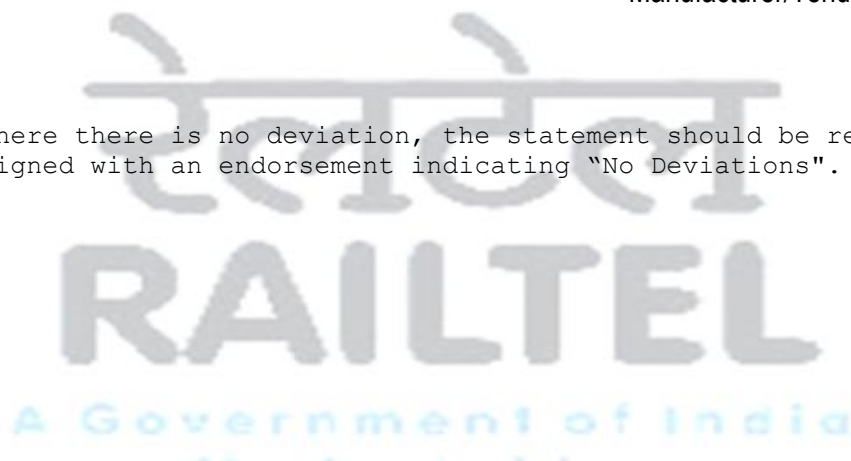
Clause	Deviation	Remarks (including justification)
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- (2) The following are the particulars of deviations from the requirements of the instructions to Tenderers, General and Special Conditions of contract-

Clause	Deviation	Remarks (including justification)
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Signature and seal of the
Manufacturer/Tenderer.

Note: Where there is no deviation, the statement should be returned duly signed with an endorsement indicating "No Deviations".



Format for instruction to be provided by vendor/contractor for RTGS payment to be made to them by RailTel against tenders.

Date:

To
M/s. RailTel Corporation of India Ltd.
2nd Floor, B-Block, Rail Nilayam,
Secunderabad – 500071.

Dear Sir,

Re: Option for payment of our bills/dues relating to tenders floated by RailTel.

Kindly refer to tender no. _____ dated _____
Which was awarded to our company as per your award letter no. _____ dated _____
Against the above PO/LOA participated/awarded to us, we authorize you
make payment of dues/bills to us in RTGS/EFT mode against the particulars mentioned
below:

1. Name of the agency as given in Bank account
2. Name of the Bank
3. Bank Branch & address
4. Bank account no.
5. Bank account type (savings / current/Over Draft)
6. IFSC code
7. NEFT Code
8. Agency's Address
9. Agency's telephone & mobile no.
10. GST Registration Details.

We also enclose herewith a copy of canceled cheque of the above mentioned bank account
for verification of particulars.

I hereby declare that the above particulars given above are correct and complete.

Encl: As above.

(Sign & Seal of the Vendor)

Certified that the particulars furnished at item no. 1 to 6 above are correct as per our records.

**Signature of Authorized
Official from the bank.**

Chapter IV

GUARANTEE BOND PROFORMA FOR SECURITY DEPOSIT

(On Stamp Paper of requisite value)

(To be used by approved Scheduled Banks)

1. In consideration of the RailTel Corporation of India Limited., SECUNDERABAD (Herein after called RailTel) having agreed to exempt ----- (Hereinafter called “the said Contractor(s)”) from the demand, under the terms and conditions of an LOA/PO/ Agreement No----- dated ----- made Between Regional General Manager, RailTel Corporation of India Ltd Southern Region, Secunderabad 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. ----- only. We ----- (indicate the name of the Bank) herein after referred to as “the Bank”) at the request of ----- Contractor(s) do hereby undertake to pay the RailTel an amount not exceeding Rs.----- Against any loss or damage caused to or suffered or would be caused to or Suffered by the RailTel by reason of any breach by the said Contractor(s) of any if 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 starting that the amount is claimed is due by way of loss or damage caused to or would be caused to or suffered by the RailTel by reason of breach by the said Contractor(s) of any of terms or conditions contained in the said Agreement or by reason of the Contractor(s) failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs-----
3. We,-----Bank undertake to pay to the RailTel any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s) Supplier(s) in any suit or proceedings pending before any court or Tribunal relating thereto our liability under this present being, absolute and unequivocal. the payment so made by us under this Bond shall be a valid discharge of our liability for payment there under and the Contractor(s) / Supplier(s) shall have no claim against us for making such payment.
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,-----
(Name of the 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).
7. -----(name of the Bank lastly undertake not to revoke this Guarantee during its currency except with the previous consent of the RailTel in writing.

Dated _____ day of _____ 2017

For -----
(Name of the Bank)

Witness:

1. Signature
Name
2. Signature
Name

We Bank further agrees that the guarantee herein contained shall not be effected by any change in the constitution of the said contractor.

Datedday of

for.....Bank