

SOUTH EASTERN RAILWAY

Signal & Telecommunication Department

Tender document

Against tender notice No.: Dy.CNM/FOIS/GRC/AMC-Datacom/09-10

Date: 19/06/09

For the work of

COMPREHENSIVE AMC FOR MAINTENANCE AND REPAIRS OF ROUTERS, SWITCHES / HUBS, UPSs, RAS, LAN-EXTENDERS, NMS PC WITH WHATSUP GOLD SOFTWARE LINE MODEM (2 MB & 64 KBPS) WITH V.35 & G.703 INTERFACE AND LEASED LINE MODEM (2MBPS) WITH V.35 & G.703 INTERFACE OF FOIS NETWORK AT FOIS LOCATIONS OVER ENTIRE SOUTH EASTERN RAILWAY SPREAD OVER 3 STATES (ORISSA, WEST BENGAL & JHARKHAND) FOR A PERIOD OF THREE YEARS.

Important information:

- i) Approx. value of equipment to covered under AMC: Rs 48,58,764/-
- ii) Cost of Tender document: Rs.3000/-
- iii) Earnest Money: Rs.97, 180/-
- iv) Date of Sale of Tender Document: From 29/06/09 to 27/07/09 upto 18:00 hrs. except Saturday & Holidays.
- v) Date of receipt of Tender offer: upto 15:00 hrs of 28/07/09.
Opening of Tender: At 15.30 hrs. on 28/7/09.

Issued by:

OFFICE OF THE
DY. CHIEF NETWORK MANAGER
S.E. RAILWAY, GARDEN REACH, KOLKATA-43

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**SOUTH EASTERN RAILWAY
TOP SHEET**

(Tenderer who is submitting the down loaded tender document should also fill this sheet)

1. **Name of The Tenderer**
2. **Address**
3. **Detail of down loading sources**
 - (a) PC used by the tenderer :
(Home/Owned/cyber/Commercial/Railway)
(strike out which are not applicable):
 - (b) Postal address of PC installed:
 - (c) Telephone No with STD Code:
4. (a) Date and time of down loading print
(b) No of pages of Tender booklet downloaded print out
5. **Printer Model used**
6. **Tender document (enclosure details-Non refundable). : Railway money receipt/ The tender fee amount must be paid separately as per Demand Draft No & tender notice (not included with EMD) in the form of Place----- Demand Draft or S.E.Railway Money Receipt should ----- be enclosed with the tender Amount Rs.----- Date-----**
Earnest Money Deposit(EMD) particulars

Note:(a) The quality of print out must be of good readable flow.

(b) Dot Matrix print out is not acceptable.

(c) The original Direct Down loaded print copy is to be submitted. Photo copy or scanned/stored print copies are not acceptable.

(d) Missing of any contents Direct Original Down loaded prints and/or any changes appearing including tampering/editing noted in the submitted tender document is not acceptable.

(e) Tenderer should sign on each page of tender documents. The unsigned of any page/ or whole documents is not acceptable.

(f) Railway is not responsible for any delay or in failure of any of the internet sites.

(g) The successful tenderers will sign the agreement documents on six copies down loaded prints from garden Reach Railway nodal point and not from elsewhere.

Signature of Tenderer/s

- (h) Any amendment and corrigendum issued from time to time before opening is to be seen on website and print must be submitted as enclosure of tender document. Tenderer shall be responsible for avoidance of such corrigendum's

Signature of Tenderer/s

CHECK LIST OF ITEMS TO BE COMPLIED BY TENDERS

Tender Notice No. : Dy.CNM/FOIS/GRC/AMC-Datacom/09-10 Date:19.06.09

1. Submission of tender in duplicate in Railway's form duly signed by the Tenderer at every page.
2. All documents to be furnished in English.
3. Partnership deed, if any, constitution of the firm and copies of connected legal documents.
4. Full and clear postal address.
5. Earnest money in prescribed form.
 - i. FDR/Demand Draft etc :
 - a. Validity to be at least upto the validity date of the tender.
 - b. To be hypothecated to FA&CAO/S.E.Rly./GRC
6. Validity to the tender offer (90 days or as specified)
7. Credential in support;-
 - a. Experience and expertise in S&T field to fulfill qualifying criterion of tender notice
 - b. Financial Capability.
 - c. Resourcefulness in respect of assured supply of materials.
 - d. Details of technical personal with qualification and experience employed by the firm.
 - e. Details of Supervisors and skilled & unskilled staff with qualifications and experience for field supervision & execution.
 - f. Details of equipments, tools and plants machinery, vehicle etc. available the firm for execution of contract work.
8. Time schedule for supply of material and execution of works.
9. If working through contract labour, the contractor must register with Labour Commissioner – Necessary license to be submitted with tender or to be produced before signing of Contract Agreement.
10. Corrections, if any, to be attested by the Tenderer.
11. Acknowledgment of Letter of Acceptance – within 7 days from the date of issue.
12. For successful tenderer, the earnest money to be retained by the Railways as a part of Security deposit and the balance towards security deposit to be deducted (@ 10%) from, ' on account' bill unless the whole security deposit is made by the tender.
13. Contract Agreement to be executed, by the successful tenderer within the period as specified is LOA.

Note: The above check list is not exhaustive. The Tenderer must go through carefully the entire booklet and submit the tender complying with all the conditions/ provisions/instructions mentioned therein irrespective of the fact that they have been highlighted in the check list or not.

Signature of Tenderer/s

SOUTH EASTERN RAILWAY

Headquarters Office,
Signal & Telecom Branch,
Garden Reach, Kolkata.
Dt:19/06/09

No.Dy.CNM/FOIS/GRC/AMC-Datacom/09-10

Dear Sir(s),

SUB:- AMC FOR MAINTENANCE AND REPAIRS OF ROUTERS, SWITCHES / HUBS, UPSs, RAS, LAN-EXTENDERS, NMS PC WITH WHATSUP GOLD SOFTWARE , LINE MODEM(2 MB & 64 KBPS) WITH V.35 & G.703 INTERFACE AND LEASED LINE MODEM(2MBPS) WITH V.35 & G.703 INTERFACE OF FOIS NETWORK AT FOIS LOCATIONS OVER ENTIRE SOUTH EASTERN RAILWAY SPREAD OVER 3 STATES (ORISSA, WEST BENGAL & JHARKHAND) FOR A PERIOD OF THREE YEARS..

1. With reference to your letter dated ----- along with Money Receipt for Rs. 3000/- (By person), the tender document for the subject Annual Maintenance Contract is enclosed. You are advised to submit your offer strictly as per tender schedule.

2. Offers must be completed in all respects as per proforma application indicated at Annexure--VII. Incomplete or part offers shall be summarily rejected. Offers must be accompanied with a demand draft towards EMD for an amount of Rs.97,180/- (Rupees Ninety seven thousand one hundred eighty only) from any Nationalised Bank of India drawn in favour of Chief Cashier/FA&CAO, South Eastern Railway, Garden Reach, Kolkata or in cash paid to the Chief Cashier, South Eastern Railway, Garden Reach, Kolkata and the receipt must accompany the tender form, failing which the tender will not be considered and summarily rejected. No interest will be payable by the Railway Administration on the EMD.

3. Contracts made under this tender will be governed by

a) Terms and conditions as (Annexure--I)

b) Rate schedule (Annexure--V)

c) List of ROUTERS, SWITCHES / HUBS, UPSs, RAS, LAN-EXTENDERS, NMS PC WITH WHATSUP GOLD SOFTWARE , LINE MODEM(2 MB & 64 KBPS) WITH V.35 & G.703 INTERFACE OF FOIS NETWORK Annexure—IV

Signature of Tenderer/s

4. The tenderer's are advised to study the tender document carefully. Submission of tender shall be deemed to have been done after careful study and examination of the tender papers with full understanding of implications thereof.

Yours faithfully,

(B.K.SAHA)
Dy.CNM/FOIS/GRC
for Chief Signal & Telecom. Engineer.

Encl: Annexure (I to VI)

Signature of Tenderer/s

Annexure--I

TERMS AND CONDITIONS TO TENDERERS FOR THE AMC OF ROUTERS, SWITCHES / HUBS, UPSs, RAS, LAN-EXTENDERS, NMS PC WITH WhatsUp Gold SOFTWARE, LINE MODEM(2 MB & 64 KBPS) WITH V.35 & G.703 INTERFACE OF FOIS NETWORK AT FOIS LOCATIONS OVER ENTIRE SOUTH EASTERN RAILWAY SPREADED OVER 3 STATES (ORISSA, WEST BENGAL & JHARKHAND) FOR A PERIOD OF THREE YEARS.

1 PROCEDURE FOR SUBMISSION OF BIDS

Sealed tender prepared in one packet accordance with the

- a) Terms and conditions,
- b) Rate schedule,
- c) List of ROUTERS, SWITCHES / HUBS, UPSs, RAS, LAN-EXTENDERS, NMS PC WITH WHATSUP GOLD SOFTWARE, LINE MODEM (2 MB & 64 KBPS) WITH V.35 & G.703 INTERFACE OF FOIS NETWORK Shall reach the following address of the Dy.Chief Network Manager, South Eastern Railway, Garden Reach, Kolkata - 43. not later than 15.00 Hrs., on 28/7/2009. Tenders received after the closing time is liable to be ignored.

TENDER SHALL BE OPENED BY 15.30 Hrs., ON 28/07/2009.

The following words shall be inscribed in large capital letters on the covers containing the offer:- **TENDER No.Dy.CNM/FOIS/GRC/AMC-Datacom/09-10**

2 ELIGIBILITY CRITERIA

- 2.1 Only those tenderer who have successfully completed AMC of a reputed Government / Semi- Government organisations / companies or autonomous bodies, for network comprising of ROUTERS, SWITCHES / HUBS, UPSs, RAS, LAN-EXTENDERS, NMS PC WITH WHATSUP GOLD SOFTWARE, LINE MODEM(2 MB & 64 KBPS) WITH V.35 & G.703 INTERFACE spreaded over multiple cities / states of the country in the recent past need apply satisfying stipulation of minimum eligibility criteria as given under :-
 - (a) Should have completed from start to finish in the last three financial year (i.e. current year and three previous financial year) at least one similar single work for a minimum value of 35% of advertised tender value of work.
 - (b) Total Contract amount received during the last three Financial year should be a minimum of 150% of Advertised Tender Value.
 - (c) The firm should be a certified partner for CISCO (supporting documents).
 - (d) Tenderers should have sufficient delivery team to carry out the contract.

The service provider should submit following documents along with the tender:-

- (a) List of personnel, organisation available on hand and proposed to be engaged for the subject work.

Signature of Tenderer/s

- (b) List of Test and Measuring Instruments available on hand (own) and proposed to be inducted (own & hired to be given separately) for the subject work.
- (c) List of works completed in the last three financial years giving description of work, organisation for whom executed, approximate value of contract at the time of award, date of award and date of scheduled completion of work , date of actual start, actual completion and final value of contract should also be given.
- (d) List of works on hand indicating description of work, contract value, approximate value of balance work yet to be done and date of award.

Note: - (1) In case of items (c) & (d) above, supportive documents / certificates from the reputed Government / Semi- Government organisations / companies or autonomous bodies with whom they worked / are working should be enclosed as per format enclosed at Annexure -II

(2) Certificates from private individuals for whom such works are being executed should not be accepted.

3 TERMS AND CONDITIONS FOR AMC

3.1 Scope of AMC

The AMC here under covers corrective maintenance and free replacement of defective components in the equipment, excluding consumable item. Released components after replacement would always be firm's property. AMC will cover preventive and breakdown maintenance of ROUTERS, SWITCHES / HUBS, UPSs, RAS, LAN-EXTENDERS, NMS PC WITH WHATSUP GOLD SOFTWARE , LINE MODEM(2 MB & 64 KBPS) WITH V.35 & G.703 INTERFACE located at Headquarters, Divisional offices and at other locations within the jurisdiction of the entire South Eastern Railways spread over 3 States (ORISSA, WEST BENGAL & JHARKHAND) as per details mentioned in Annexure- III for locations and details of equipment location wise are at Annexure- IV.

3.1.1 AMC will be of comprehensive nature and include components also. AMC shall extend to Internetworking Operating system of the Routers which include hardware, Switches, HUBS, LAN extenders, NMS PC WITH WHATSUP GOLD SOFTWARE, UPSs, REMOTE ACCESS SERVER, LINE MODEM(2 MB & 64 KBPS) WITH V.35 & G.703 INTERFACE. The Routers in the FOIS network are from different companies namely CISCO, Motorola, Similarly, other equipment which are to be covered under AMC are of different makes. This is enumerated in the Annexure - IV Interchanging of datacom equipment from one location to other location shall be done when and where the situation demands for developmental as well as restoration of network.

3.1.2 List of components in the said equipment, which are not covered under the AMC will be 'Nil' except cartridges for the printers.

Signature of Tenderer/s

- 3.1.3 As part of AMC, the Service Engineer will carry out the preventive maintenance once in every month, with prior appointment with the authorized representative of Sr.DSTEs/DSTEs in Divisional control office respectively and in-charge official at other locations.
- 3.1.4 The replacement of the components shall be done in the premises at all the FOIS locations including Headquarters office and Divisional controls where systems are available. In case of any component is to be taken to contractor's premises, he should get written permission from Dy.CNM/FOIS/GRC in respect of HQrs as well as concerned Sr.DSTEs/DSTEs in respect of Divisional control office or the authorized representative of either of these officers and in-charge official at other locations.
- 3.1.5 The Railway reserves the right to change the place of location and the firm has to provide the services at the same charges.
- 3.1.6 The datacom equipment like Routers, Switches/Hubs of different makes of limited quantity are available at respective Divisional headquarter for spare management as indicated at Annexure--IV. Additional spares if considered necessary for maintaining uptime requirement is to be arranged by contractor.
- 3.1.7 Railway reserves the right to change the equipment at locations if and when situation demand.
- 3.1.8 The AMC covers Router cables, power supply and other cables of different makes etc. These are to be maintained and replaced by the firm.
- 3.1.9 In case the failure of the system is outside the scope of AMC, responsibility of establishing such cause will be with the contractor.

3.2 PERIOD OF AMC:

Three year from the date of finalisation of AMC or from the date of expiry of the **warranty period** of the equipment concerned whichever is later.

3.3 FAULT REPORTING CENTRES

- 3.3.1 The vendor should provide fault-reporting centres at all the Zonal Headquarters located at Garden Reach (Kolkata), as well as Divisional headquarters located at Kharagpur, Chakradharpur, Adra, Ranchi, The fault reporting centres shall take calls from the Railway FOIS rooms located at the zonal head quarters as well as divisional head quarters. over Telephone/Cell Phone/FAX provided by the vendor for rendering an immediate service, which shall be round the clock on all the days.

Signature of Tenderer/s

- 3.3.2 If the vendor feels to open additional fault reporting centre to comply with fault within the permitted time, he is free to do at no extra cost.

3.3.3 Up Time

- (a) The contractor must ensure up time of at least 95% of all individual equipment being offered under this tender.
- (b) Non-availability of standby system shall not be considered.
- (c) The up time will be calculated on monthly basis.

3.3.4 Down time

- (a) Down time is defined as duration for which system as whole or any part is not available for the purpose it is installed.
- (b) Non-availability of standby system shall not be counted for down time.
- (c) The down time will be reckoned after **4 hours** from time the contractors Representative has been informed by means of fax, telegram, telephone or any other method from the fault reporting center.

3.3.5 Working hours

Working hour for the system will be considered as **24 hours** per day.

3.3.6 PAYMENT OF MAINTENANCE CHARGES AND SECURITY DEPOSIT

- (a) Full payment for the month will be due to contractor only when up time of 95% or more for individual equipment is ensured.
- (b) In the event of down time being more than 5% per month, one percent of monthly maintenance charges (calculated for one month on pro rata basis form charges of whole year) will be deducted for every one percent of down time in excess of 5%. No payment for the month will be due if the down time is more than 20%.
- (c) The Annual Maintenance Charges will be payable at the end of each quarter after successful completion of the service subject to deduction as given in para 3.3.6 (b) above. The bill for AMC should be submitted in the division being addressed to the respective Sr. DSTE/DSTE, who will release the payment. Bill Paying Officer is the Sr.DAO/DAO of the respective divisions.

Signature of Tenderer/s

- (d) The purchaser shall make the final payment in respect of the contract only after contractor submits "No Claim Certificate" the form of which shall be laid

down by the purchaser. Beyond one year, the contractor shall renew the Bank Guarantee well in advance for the subsequent year.

- (e) (1) The Successful tenderer shall have to furnish a security deposit for the amount as admissible (based on the offered rate @ 5%) out of which Rupees Ninety seven thousand one hundred eighty only is to be paid in the form of "DD issued by Nationalised banks in India" in favour of Chief Cashier, South Eastern Railway, Garden Reach, Kolkata valid for a period of three years at a stretch, and the balance amount to be recovered from the progressive bill of the contractor submitted with DRM(S&T)/Kharagpur, at a rate of 10% till it reaches the required value.
- (2) The security money deposited as above will be refunded after receipt of the certificates of satisfactory completion of the work from respective Sr. DSTE/ DSTE.
- (3) In the case of the successful tenderer, earnest money already deposited (para 3.7) will be retained by the railway as part of security deposit as above (para 3.3.6 e(1))
- (f) The tenderer shall quote the percentage rates for Annual Maintenance Charges as per the schedule mentioned in Annexure-V.
- (g) Necessary documentary evidence should be obtained from the authorized representative/In charge official of Headquarters office/Divisional control office/other locations on rectification of the fault. In case of power supply failure or for any genuine reason, the time For attending the failure at any FOIS location will be extended by the concerned Zonal / Divisional authority.
- (h) Performance Guarantee : The successful bidder should give a Performabnce Guarantee in the forms of an irrevocable Bank Gurantee amounting to **5% of the contract value**.

3.4 INFRASTRUCTURE FACILITIES

CSTE and Sr.DSTE/DSTEs of respective zones & divisions will provide seating arrangement for one technical staff on demand at no extra cost along with Railway phone in Headquarters office as well as in Divisional control offices only. No such facilities will be provided at other locations. Also no other infrastructure facilities like Hardware and Software Tools will be provided at any of the locations of the entire Railways spreaded over 3 states (Jharkhand, Orissa, & West Bengal) .

Signature of Tenderer/s

TERMINATION OF AMC

Notwithstanding the provision in article 3.2 above, either party can terminate the agreement with three month's notice in writing for non-performance of any of the articles of this agreement by the other party or for any valid reason.

3.5 VALIDITY OF OFFER

The offer shall be valid for a period not less than 90 days.

3.6 EARNEST MONEY

The tenderer shall be required to deposit Earnest Money of Rs.97,180/- (Rupees Ninety seven thousand one hundred eighty only) in the form of DD from any Nationalised Bank drawn in favour of Chief Cashier / SERly / Garden Reach or in Cash paid to Chief Cashier / SERly / Garden Reach and the receipt must accompany the Tender Form, failing which the tender will not be considered and summarily rejected. The earnest money will be refunded to the unsuccessful tenderer as soon as possible after the tender is finally decided. No interest will be payable by the Railway Administration on the EMD.

3.7 RIGHT OF THE RAILWAYS TO DEAL WITH THE TENDER

The authority for the acceptance of the tender will rest with the Railway. It shall not be obligatory on the said authority to accept the lowest tender or any other tender and no tenderer(s) shall demand any explanation for the cause of rejection of his/their tender nor the Railway undertake to assign reasons for declining to consider or reject any particular tender or tenders.

4 SURVEY OF DATA-COM EQUIPMENTS

The bidder can do the survey of ROUTERS, SWITCHES / HUBS, UPSs, RAS, LAN-EXTENDERS, NMS PC WITH WhatsUp Gold SOFTWARE, LINE MODEM (2 MB & 64 KBPS) WITH V.35 & G.703 INTERFACE available in Headquarters Office, Division Control Offices and at all other locations given in Annexure -III over entire South Eastern Railway spread over 3 states (Jharkhand, Orissa & West Bengal) on any working day during office hours from 10.00 am to 05.00 pm. The equipment mentioned in Annexure-VI is tentative and can be modified by increasing or reducing the number at any stage before/after the contract is finalised.

5 MARKING ON THE EQUIPMENTS

Immediately after finalisation of AMC, the representative/in-charge official of Headquarters Office/Divisional control office/other locations along with the likely contractor will do marking on all the ROUTERS, SWITCHES / HUBS, UPSs, RAS, LAN-EXTENDERS, NMS PC WITH WHATSUP GOLD SOFTWARE, LINE MODEM (64 KBPS) WITH V.35 & G.703 INTERFACE etc at all the FOIS locations jointly. Notwithstanding this marking, Railway reserves the right to change the equipment on account of failure or developmental purpose etc. without assigning any reason.

Signature of Tenderer/s

6.1. FORCE MAJEURE

Neither the Customer nor the firm, shall be liable to the other for any delay in execution, or failure of their or respective obligations under this agreement caused by occurrence of events beyond the control of customer the firm, as the case may be, including but not limited to, fire, explosion, floods, power-shortage, acts of God, hostility, acts of public enemy, wars, insurrections, riots, strikes, lock-outs, sabotage, any law, status of ordinance, order, action or regulations of the Government, local or other public authorities. Either party shall promptly but not later than 30 days of the commencement thereof, notify the other in writing of such contingency and prove that such is beyond the control and affects the implementation of this agreement adversely and materially. Notice of cessation of force majeure conditions will be given to the other party adversely and materially. Notice of cessation of force majeure conditions will be given to the other party immediately, but not later than 15 days. If such contingency continues beyond 90 days, both the parties agree to discuss and agree upon an equitable solution for termination of this agreement, or otherwise decide the course for action to be adopted.

Nothing herein contained, however shall or shall be deemed to come in conflict with or preclude the termination of the agreement in accordance with the terms of clause 3.5.

6.2. ARBITRATION

In the event of any question, dispute or difference arising under these conditions or in connection with this contract (except as to any matters the exclusion of which is specially provided for in these conditions), the same shall be decided in terms para 63-64 of General Condition of Contract 2001 subsequent modification Vol-2 of S.E.Railway.

6.3. JURISDICTION

Subject to the Arbitration herein above, provided any suit or proceedings to enforce the rights of either of the parties hereto under this agreement shall be instituted in and tried only by the Courts in the city of Capital city of the states concerned and by no other Court, and both the parties hereto, hereby expressly agree to submit to the jurisdiction of such Court.

Signature of Tenderer/s

BIO-DATA PARTICULARS

- 1 Name and address of the bidder
- 2 Locations where service facilities are available at Kolkata, Bhubaneswar & Bilaspur.
3. Experience in handling of such AMC

(a) List of works completed in the last three financial years:-

Sr. No.	Financial year	Organization for whom executed	Description of work done		
			Details	Work-1	Work-2
1			Name of the work		
			Value of contract when awarded		
			Date of award		
			Date of schedule completion of work		
			Date of actual start		
			Date of actual completion		
			Final value of contract		
2					

(b) List of works on hand:-

Sr. No.	Financial year	Organization for whom work being executed	Description of work on hand		
			Details	Work-1	Work-2
1			Name of the work		
			Value of contract when awarded		
			Date of award		
			Value (approx) of balance work to be completed		
2					

(c) List of supportive documents / certificates from reputed Government / Semi-Government organisations with whom they worked / are working: -

Sr. No.	Name of the organization with whom	
	worked	working
1		
2		

Signature of Tenderer/s

- 4 Availability of spare parts: Vendor has to submit inventory of spare parts available with him so as to fulfill clause 3.1.8
- 5 Bidder's proposal number and date
- 6 Name and address of the officer to whom all references shall be made regarding this bid enquiry with details of FAX/Telephone/Telegraphic Address/E-Mail
- 7 Collaboration with any company such as: CISCO, Motorola, 3 Com, Nortel, Telindus, Ericsson, HCL and other reputed manufactures -
- 8 Any other point Tenderer may like to specify: -

Authorised Signatory.

Name:

Designation:

Date:

Company Seal:

Signature of Tenderer/s

ANNEX-III

LIST OF FOIS LOCATIONS OVER S.E.RLY.							
SL. NO.	DIV.	LOCATION CODE	NAME OF THE LOCATION	SL. NO.	DIV.	LOCATION CODE	NAME OF THE LOCATION
1	KHARAGPUR	GRC	Garden reach	1	CHAKRADHARPUR	CKP	Chakradharpur
2		KGP	Kharagpur	2		ADTP	Adityapur
3		HLZ	Haldia	3		TATA	Tata nagar
4		MCA	Mecheda	4		DPS	Dongaposi
5		SHM	Shalimar	5		BSPX	Banspani
6		ADL	Andul	6		KRBU	Kiriburu
7		KKQ	Klaikunda	7		BNDM	Bandamunda
8		DVM	Dalumgarh	8		JSG	Jarsuguda
9		PKU	Panskura	9		MOU	Monaharpur
10		JGM	Jhargram	10		ROU	Rourkela
11		BLS	Balasore	11		SXN	Sonakhan
12		MDN	Midnapur	12		GP	Rajgangpur
13		NMP Hu Yd.	Nimpura	13		BXF	Barsua
14		NMP Ih.Yd	Nimpura	14		SINI	Sini jn.
15		SRC	Santragachi	15		BRMP	Birmitrapur
16		HWH	Howrah	16		NOMD	Noamundi
17		NKG	New Koilaghat	17		BJMD	Barajamda
1	ADA	ADA	Adra	18	RANCHI	GX	Gua
2		ANR	Anara	19		BBN	Barbil
3		BJE	Bhojudihi	20		BYX	Bimalgarh
4		CNI	Chandil	21		MMVR	Murga Mahadev Pur
5		BKSC	Bokaro Steel City	22		DJHR	Deojhar
6		BQA	Bankura	23		RKSI	Raksi
7		VSU	Bishnupur	1		MURI	Muri jn.
8		CDGR	Chandrakonaroad	2		HTE	Hatia
9		PRR	Purulia	3		NKM	Namkum
				4		TIS	Tatisilwai
				5		RNC	Ranchi

Signature of Tenderer/s

SUMMARY OF DATACOM EQUIPMENTS USED IN FREIGHT OPERATION INFORMATION SYSTEM(FOIS) NETWORK OVER SOUTH EASTERN RAILWAY						
SR. NO.	DETAILS OF EQUIPMENTS	NAME OF THE DIVISION AND THE QTY. OF DATACOM EQUIPT.IN NOS.				TOTAL
		KHARAGPUR	CHAKRA DHARPUR	ADRA	RANCHI	
1	CISCO Router : Category -A	14	20	7	7	48
2	CISCO Router Category -B	2	5	1	0	8
3	CISCO Router Category- C	5	3	1	1	10
4	MOTOROLA Router:Category -D	6	5	2	1	14
5	LAN Extender	32	17	10	5	64
6	Modem(64 Kbps)	53	67	22	14	156
7	Modem(2 Mbps)	8	2	4	3	17
8	Switch	27	28	25	8	88
9	UPS	5	11	7	3	26
10	Network Management System (NMS)	1	0	0	0	1
11	Remote Access Server(RAS)	2	1	1	1	5
A	Category -A : CISCO ROUTER (PORT 2&4)					
B	Category -B : CISCO ROUTER (PORT 8&10)					
C	Category -C : CISCO ROUTER (PORT 16 ,20 & 24)					
D	Category -D : Motorola VG320 ROUTER (PORT 2)					
E	LAN Extender : Make - Atrie,Teamlink,Dax,Excellent Computer.					
F	Modem(64 Kbps) :Make - Atrie,Teamlink,Cygnus					
G	Modem(2 Mbps) : Make - Real Gain					
H	Switch : Make - Allied Tele Syn.,3 Com.(managed),INTEL,COMPEX,D-LINK					
I	UPS : Make - Tata Lib.,Deltron,TVS,ECS					
J	NMS : Make –Whatsup Gold					
k	RAS : Make- Jetstream					

Signature of Tenderer/s

ANNEXURE-IV(A)

SL.NO.	DIVISION	LOCATION	ROUTER																
			CISCO																Motorola Router
			3825-24 PORT	3845-24 PORT	3661-16 PORT	3660-24 PORT	3640-8PORT	3620-8 PORT	2811-8 PORT	2811-20 PORT	1721 -4PORT	2801-4 PORT	2610-8 & 2 PORT	2522-10PORT	2500 2PORT	1841 -2PORT	1841 -4PORT	1720 -2PORT	1721 -2PORT
1	KHARAGPUR	GRC	1	1															
2		KGP	1												1				
3		HLZ																	1
4		MCA																1	
5		SHM																	1
6		ADL																	1
7		KKQ																1	
8		DVM																1	
9		PKU																1	
10		JGM																1	
11		BLS																1	
12		MDN																1	
13		NMP Hu Yd.																	
14		NMP Ih.Yd																	
15		SRC								1									
16		HWH																1	
17		NKG														1			
		Sp. at GRC			1	1						1			1				2
		Sp. at KGP					1					1					1		1

Signature of Tenderer/s

ANNEXURE-IV(A)(Contd.)

SL.NO.	DIVISION	LOCATION	ROUTER																	
			CISCO																Motorola Router	
			3825-24 PORT	3845-24 PORT	3661-16 PORT	3660-24 PORT	3640-8PORT	3620-8 PORT	2811-8 PORT	2811-20 PORT	1721 -4PORT	2801-4 PORT	2610-8 & 2 PORT	2522-10PORT	2500 2PORT	1841 -2PORT	1841 -4PORT	1720 -2PORT		1721 -2PORT
1	CHAKRADHARPUR	CKP		2																
2		ADTP												1						
3		TATA							1											
4		DPS									1									
5		BSPX									1									
6		KRBU										1								
7		BNDM							1											
8		JSG											1							
9		MOU												1					1	
10		ROU									1									
11		SXN																	1	
12		GP																	1	
13		BXF																	1	
14		SINI																	1	
15		BRMP																	1	
16		NOMD																	1	
17		BJMD							1											
18		GX																	1	
19		BBN																	1	
20		BYX																	1	
21		MMVR																	1	
22		DJHR																	1	
23		ROXY																	1	
		Sp. at CKP			1											1				
		Sp. at TATA								1						1			1	
		Sp. at DPS																	1	
		Sp. at BSPX																	1	
		Sp. at KRBU																	1	
		Sp. at JSG																	1	

Signature of Tenderer/s

ANNEXURE-IV(A)(Contd.)

SL.NO.	DIVISION	LOCATION	ROUTER																	
			CISCO																	Motorola Router
			3825-24 PORT	3845-24 PORT	3661-16 PORT	3660-24 PORT	3640-8PORT	3620-8 PORT	2811-8 PORT	2811-20 PORT	1721 -4PORT	2801-4 PORT	2610-8 & 2 PORT	2522-10PORT	2500 2PORT	1841 -2PORT	1841 -4PORT	1720 -2PORT	1721 -2PORT	VG-320
1	ADA	ADA								1										
2		ANR														1				
3		BJE																		
4		CNI																		1
5		BKSC									1									
6		BQA																	1	
7		VSU																	1	
8		CDGR																	1	
9		PRR																	1	
		Sp. at ADA						1										1		
	Sp. atBKSC																		1	
1	RANCHI	MURI																1		
2		HTE								1										
3		NKM																	1	
4		TIS																	1	
5		RNC																	1	
		Sp. At HTE										1					1		1	1
		TOTAL	2	3	1	2	1	1	4	2	3	4	2	1	1	3	4	2	30	14

Signature of Tenderer/s

ANNEXURE-IV(B)

SL.NO.	DIVISION	LOCATION	LAN EXTND in Pair	MODEM (64 Kbps) in Pair	Modem (64 kbps)		Modem (2 Mbps)	Switch					UPS							NMS	RAS
					ATRIE Wire Span	CYGNUS		REAL GAIN	Allied Tele Syn.	3 Com.(managed)	INTEL	COMPEX	D-LINK	Tata Lib.		Deltron		TVS 0.5KVA	ECS 1 KVA		
							1/0.7 KVA							0.5 KVA	2 KVA	0.7 KVA					
1	KHARAGPUR	GRC	5	18	17	1	3	1	1			2	1							1	1
2		KGP	3	8	8		2				1		1								1
3		HLZ		2	0	2				1						1					
4		MCA	1	2	2																
5		SHM	1	2	1	1															
6		ADL		2	2													1			
7		KKQ		2	2																
8		DVM		2	2																
9		PKU		2	2																
10		JGM		2	2																
11		BLS		1	1																
12		MDN		2	2																
13		NMP Hu Yd.	1								1					1					
14		NMP Ih.Yd	1																		
15		SRC		3	3																
16		HWH		2	2																
17		NKG		1	1								3								
	Sp. at GRC	14	8	8		2						2									
	Sp. at KGP	6				1															

Signature of Tenderer/s

ANNEXURE-IV(B)(contd.)

SL.NO.	DIVISION	LOCATION	LAN EXTND in Pair	MODEM (64 Kbps) in Pair	Modem (64 kbps)		Modem (2 Mbps)	Switch				UPS						NMS	RAS		
					ATRIE Wire Span	CYGNUS		REAL GAIN	Allied Tele Syn.	3 Com.(managed)	INTEL	COMPEX	D-LINK	Tata Lib.		Deltron				TVS 0.5KVA	ECS 1 KVA
														1/0.7 KVA	0.5 KVA	2 KVA	0.7 KVA				
1	CHAKRADHARPUR	CKP	1	8	8		1	1		1		20	1			1				1	
2		ADTP		2	0	2					1						1				
3		TATA	3	3	3												1				
4		DPS	1	2	2						1						1				
5		BSPX		2	2						1			1					1		
6		KRBU		2	2						1						1		1		
7		BNDM	1	4	4						1						1				
8		JSG	2	4	4								1					1			
9		MOU		2	2																
10		ROU		4	4																
11		SXN		2	2																
12		GP		2	2																
13		BXF		2	2																
14		SINI		1	1																
15		BRMP		2	2									20							
16		NOMD		2	2																
17		BJMD		5	2	3															
18		GX		2	2																
19		BBN		2	2																
20		BYX		2	2																
21		MMVR		2	2																
22		DJHR		2	2																
23		ROXY		2	2																
	Sp. at CKP	9					1														
	Sp. at TATA																				
	Sp. at DPS																				
	Sp. at BSPX																				
	Sp. at KRBU																				
	Sp. at JSG																				

Signature of Tenderer/s

ANNEXURE-IV(B)(contd.)

SL.NO.	DIVISION	LOCATION	LAN EXTND in Pair	MODEM (64 Kbps) in Pair	Modem (64 kbps)		Modem (2 Mbps)	Switch					UPS						NMS	RAS	
					ATRIE Wire Span	CYGNIUS		REAL GAIN	Allied Tele Syn.	3 Com.(managed)	INTEL	COMPEX	D-LINK	Tata Lib.		Deltron		TVS 0.5KVA			ECS 1 KVA
														1/0.7 KVA	0.5 KVA	2 KVA	0.7 KVA				
1	ADA	ADA	4	5	5		3				1	20	1					1		1	
2		ANR				1	1						1				1				
3		BJE							1							1					
4		CNI	2	2					1								1				
5		BKSC	5	2	2				1							1			1		
6		BQA		2	2																
7		VSU		2	2																
8		CDGR		2	2																
9		PRR		1	1																
		Sp. at ADA	1	5	4	1	1														
	Sp. atBKSC																				
1	RANCHI	MURI	1	4	2	2					1	6	1	1						1	
2		HTE			7	5	2	2					1			1					
3		NKM			1	1															
4		TIS			1	1															
5		RNC			1	1															
		Sp. At HTE			2	2		1													
		TOTAL	64	156	144	12	17	2	1	12	5	68	6	1	4	8	2	5	1	5	

Signature of Tenderer/s

ANNEXURE-V

SOUTH EASTERN RAILWAY

Department: Signal & Telecom

Office Of The
Dy. Chief Network Manager/FOIS
Gardenreach, kolkata

Name of the work: Comprehensive AMC for Maintenance and repairs of ROUTERS, SWITCHES / HUBS, UPSs, RAS, LAN-EXTENDERS, NMS – PC With WhatsUp Gold SOFTWARE , LINE MODEM –2 MB & 64 KBPS with V.35 & G.703 Interface OF FOIS NETWORK over South Eastern Railway spreaded over 3-States (Orissa, West Bengal & Jharkhand) for a period of three years.

RATE SHEET FOR WORKS UNDER SCHEDULE

TENDER NOTICE NO:

Sl. No	Description of work	Quoted tender rate(Percentage above/below)in fig and in word quoted by the Tenderer
1	ScheuleA AMC for Maintenance and repairs of ROUTERS, SWITCHES / HUBS, UPSs, RAS, LAN-EXTENDERS, NMS – PC With WhatsUp Gold SOFTWARE , LINE MODEM –2 MB & 64 KBPS with V.35 & G.703 Interface OF FOIS NETWORK over South Eastern Railway spreaded over 3-States (Orissa, West Bengal & Jharkhand) for a period of three years.	% (in figure) (In words) percentage above/below the estimated rats given in schedule

- 1.Time for completion of work i.e AMC is for 3 years from the date of issue of letter of acceptance
2. The tenderer(s) should quote only uniform percentage (one percentage only) above or below the rates of all items given in the schedule. Any tender received with different percentage for different items of the schedule stands summarily ejected.
3. Rate quoted by the tenderer shall be inclusive of all taxes, charges, royalties etc.but excluding of ED.
4. Conditional tender will also be summarily rejected.
- 5.Tenderer(s) should not quote any percentage /rate in the annexed schedule and if quoted the tender stands summarily rejected.

Signature of Tenderer/s.

ANNEXURE-VI

COST OF DATACOM EQUIPMENT

NAME OF THE WORK : Comprehensive AMC for repair & maintenance of Datacom equipments used in Freight Operation Information System(FOIS) network over South Eastern Railway.

Sl.No.	Details of Datacom Equipment for FOIS NETWORK On S E Rly.	Equipment Cost Amount in Rs.	Total value of AMC of Datacom Equipment for One Year (in Rs.) @8% of Eqpt.Cost	Total value of AMC of Datacom Equipment for ThreeYears (in Rs.) @8% of Eqpt.Cost
1	Category –A : CISCO Router	4427418	354193	1062579
2	Category –B : CISCO Router	2225147	178012	534036
3	Category- C :CISCO Router	7722106	617768	1853304
4	Category –D:Motorola Router VG-320	1001882	80151	240453
5	LAN Extender	686400	54912	164736
6	Modem(64 Kbps)	2120700	169656	508968
7	Modem(2 Mbps)	339694	27176	81528
8	Switch in different ports	335539	26843	80529
9	U P S	700554	56044	168132
10	NMS with PC & Software (Network Management System)	381823	30546	91638
11	R A S (Remote Access Server)	303588	24287	72861
TOTAL VALUE		20244851	16,19,588	48,58,764

Tenderers to note

- f) Tenderers are requested to quote their rate only in percentage of the total value of Datacom equipment for carrying out AMC .

(Signature of Tenderer(s) with date and seal)

Name

Address

Place

Signature of Tenderer/s.

ANEXURE—VII

Proforma Application form for offer of Tender for AMC of Datacom Equipments.

To,
The President of India -
Acting through -
Chief Signal & Telecommunication Engineer,
South Eastern Railway,
Garden Reach, Kolkata.

Date:

Dear sir,

- f) I/We submit the sealed tender for appointment as contractor for annual maintenance and repairs work of ROUTERS, SWITCHES / HUBS, UPSs, RAS, LAN-EXTENDERS, NMS PC WITH WHATSUP GOLD SOFTWARE , LINE MODEM (2 MB & 64 KBPS) WITH V.35 & G.703 INTERFACE OF FOIS NETWORK AT FOIS LOCATIONS OVER ENTIRE RAILWAY including Headquarters and divisional control offices as mentioned in (Annexure—IV)
- f) I/We have thoroughly examined and understood the terms and conditions contained in (Annexure-I) and details of the quantities of equipment as mentioned in (Annexure-IV) attached to the invitation to the tender and agree to abide by them.
- f) I/We offer the rates in percentage on the total value of Datacom equipment quoted in (Annexure—V) for AMC attached to the invitation to the tender and it is confirmed that no other charges would be payable to me/us.
- f) A demand draft drawn in favour of Chief Cashier, South Eastern Railway, Garden Reach, Kolkata, with details of D.D.No.-----dt.----- on the ----- Bank for Rs.97,180/- (Rupees Ninety seven thousand one hundred eighty only) or in cash paid to the Chief Cashier, South Eastern Railway, Garden Reach, Kolkata. Vide cash receipt No.----- dt.----- for the amount of Rs.97,180/- is enclosed as earnest money.
- f) I/We agree to furnish a security deposit for the amount as admissible (based on the offered rate) out of which Rupees _____ is to be paid in the form of "DD issued by Nationalised banks in India" in favour of Chief Cashier, South Eastern Railway, Garden Reach, Kolkata valid for a period of five years at a stretch, and the balance amount to be recovered from the progressive bill of the contractor at a rate of 10% till it reaches the required value.

- f) I/We, understand and confirm that the earnest money being paid as stated in para 4 (four) above shall be forfeited without prejudice to any other rights and remedies lie with the Railway Administration, if, I / We, do not execute the AMC agreement within seven days after receipt of notice issued by the Railway to the effect that such document(s) is/are kept ready.
OR I/We do not commence the work within ten days after receipt of orders to that effect.
- f) Until a formal agreement (AMC) is prepared and executed, 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 letters of acceptance of my/our offer for this work.
- f) I/We do, hereby, declare that the entries made in the tenders and its attached documents/schedules/annexures are true and also that I/We shall be bound by the act of my/our duly constituted attorney Sri-----
----- whose signature is appended hereto, in the space specified for the purpose
and of any other person who in future may be appointed by me/us in his
stead to carry on the business of the concerned Railway Administration, where intimation of such change is given to the Chief Signal & Telecommunication Engineer , South Eastern Railway, Garden Reach, Kolkata.

Payment of stamp duty on the agreement/contract will be borne by me/us to be executed in pursuance of this tender.

- f) The following documents are enclosed duly filled wherever applicable and signed.
- f) Documents as indicated at para 2.2 (a) & (b).
 - f) PAN CARD NO:
 - f) Earnest money deposit.
 - d) Bio- data particulars.
 - e) Rate schedule.
 - f) Particulars of constituted attorney in stamp paper.

Signature of the constituted attorney

Name

Address

Date

Place

Yours faithfully,

(Signature of Tenderer(s) with date and seal)

Contractor(s)'s Address

--END--