



**BOOKLET NO:**

# GOVERNMENT OF INDIA

## INDIAN RAILWAYS

### SOUTH EASTERN RAILWAY

- [A] **TENDER NO:** TRS/SRC/WC/ 170/OT/LAN/ 08-09/ 3693, Dated 05.11.2008.
- [B] **SUBJECT:** Provision of Local Area Networking for effective and timely failure analysis of Locos at Electric Loco Shed, Santragachi.
- [C] **ISSUED BY:** Sr.Divisional Electrical Engineer/TRS,  
South Eastern Railway,  
Electric Loco Shed, Santragachi,  
Howrah -711111.
- [D] **DATE & TIME OF OPENING:** 15.30 hrs. of dated 11.12.2008.

[E] COPY ISSUED TO

M/S.....

.....

.....

**SUBJECT:- Provision of Local Area Networking for effective and timely failure analysis of Locos at Electric Loco Shed, Santragachi.**

## **CONTENTS**

A] MEMORANDUM OF TERMS & CONDITIONS AND INSTRUCTION TO THE TENDER

B] ANNEXURE “A” : FORM OF SUBMISSION OF TENDER

C] ANNEXURE “B” : SCOPE OF WORK

D] ANNEXURE “C” : RATE SCHEDULE

E] ANNEXURE “D” : CREDENTIALS OF TENDER

South Eastern Railway  
**TENDER NOTICE**

Srl. No.	Tender Notice No. & Date	Name of the work	Approx. Value in Rs.	Earnest Money in Rs.
1]	TRS/SRC/WC/170/OT/LAN/ 08-09/ 3693 Dated 05.11.2008.	Provision of Local Area Networking for effective and timely failure analysis of Locos at Electric Loco Shed, Santragachi.	Rs.363630/-	Rs.7280/-
2]	TRS/SRC/WC/OT/170/08-09/ 3694, Dated 05.11.2008	Provision of Safety to BP & FP angle cock during cattle run over to avoid Loco failure of WAP-4 Locomotives of ELS/SRC.	Rs.357000/-	Rs.7140/-

Cost of the Tender booklet for item No.1 & 2 are Rs.1000/- may be deposited against allocation No.Z-650, to Chief Cashier/ Divl. Cashier/ Station Supdt. of S.E.Railway.

**Date of Opening Item No.1 :** 11.12.2008 at 15.30 hrs. at Electric Loco Shed, Santragachi.

**Allocation No.C-160-50**

**Date of Opening, Item No.2 :** 12.12.2008 at 15.30 hrs. at Electric Loco Shed, Santragachi.

**Allocation No.050-511-32.**

All bonafide interested tenderer may apply for this work. Tender Notice is also available at KGP Division (S.E.Railway) website [www.railwaykgp.com](http://www.railwaykgp.com) & [www.tenders.gov.in](http://www.tenders.gov.in). Tender booklets will be available at Electric Loco Shed, Santragachi, S.E.Railway for Item No.1 from **18.11.2008 to 11.12.2008** upto 12.00 hrs. & Item No.2- from **19.11.2008 to 12.12.2008** upto 12.00 hrs.

Tender booklet should be dropped within **15.00 hrs on 11.12.2008 for Item No.1 & 12.12.2008** for Item No.2.

Sr.Divl.Elect.Engineer(TRS)  
Electric Loco Shed  
S.E.Railway,Santragachi.  
For on behalf of President of India.

NO:TRS/SRC/WC/OT/170/2008-2009/3693 / 3694

Dated: 05.11.2008.

**Copy to:**

- 1) Chief Public Relation Officer, South Eastern Railway, GRC, in duplicate for information and publicity in the News papers. The cost of advertisement charges will debited to Item No.1 C-160-50 & Item No.2 -C-511-32.
- 2) Sr.EDPM/South Eastern Railway/Garden Reach with hard copy and soft copy for uploading in website.
- 3) CEE/S.E.Rly/GRC for kind information.
- 4) Sr.DFM/KGP for information please. He is requested to depute his representative to the office of the Sr.DEE/TRS/SRC to witness the opening of the tender Item No. 1 on **11.12.2008** & Item No. 2 on **12.12.2008 at 15.30 hrs.**
- 5) Sr.DEE/TRS/TPKR, Sr./DEE/TRS/TATA, BNDM, BIA, VSKP, Dy.CEE/ERS-POH/KGP for information and circulation please.
- 6) Chief Cashier, S.E.Railway, Garden Reach for information. He is advised to accept the cost of tender form and issue money receipt. The amount to be deposited under allocation No.Z-650.
- 7) Divl.Cashier, S.E.Railway, Santragachi for similar action.
- 8) Station Manager, S.E.Railway, Santragachi for similar action.
- 9) Booking Clerk, Santragachi, S.E.Railway for similar action.
- 10) Sr.DEN Co-ord/KGP, Sr.DEE/G/KGP, Sr.DEE/TRD/KGP, Sr.DEE/OP/KGP for information and circulation please.
- 11) SSE/G/ELS/SRC for information and circulation through General Notice Board.
- 12) ADEE/TRS/SRC for information please.

# South Eastern Railway

## TENDER NOTICE

**Tender Notice No: TRS/SRC/WC/ 170/OT/LAN/ 08-09/ 3693, Dated 05.11.2008.**

On behalf of the President of India, Sr.Divisional Electrical Engineer (TRS)/Santragachi, S.E.Railway invites sealed tenders on prescribed form for execution of the work indicated below from the all bonafide interested tenderer may apply for this work.

1. **Name of the work:** Provision of Local Area Networking for effective and timely failure analysis of Locos at Electric Loco Shed, Santragachi.
2. **Location:** Electric Loco Shed, Santragachi, S.E.Railway.
3. **Railway Station:** Santragachi.
4. **Approximate Cost:** Rs.3,63,630/-
5. **Duration of work:** Approximately 02(Two months) from the Date of issue of LOA.
6. **Earnest money deposited:** Rs. 7280 /- (Rupees Seven thousand two hundred eighty only)
7. **Date of sale of tender form:** 18.11.2008 at 10.30 hrs. to 11.12.2008 upto 12.00 hrs.
8. **Time & date of closing of Tender box:** Upto 15.00 hrs. of 11.12.2008.
9. **Date & time of opening of tender:** At 15.30 hrs. On 11.12.2008.

Tender form can be had from the office of the Sr.Divisional Electrical Engineer/TRS/ S.E.Railway, Santragachi, Howrah-711111 from 18.11.2008 to 11.12.08 upto 12.00 hrs, excluding of Sundays and holidays on production of money receipt of Rs.1000/- (Rupees one thousand only) non-refundable & non-adjustable. The cost of Tender papers should be deposited with the Station Superintendent/ Chief Goods Supervisor, S.E.Railway, Santragachi or any Divisional Cashier of S.E.Railway or Chief Cashier, S.E.Railway, Garden Reach, Kolkata-43 against allocation No.Z-650, Tender not accompanied by EMD will be summarily rejected. PEMD is not acceptable. Tender box for dropping tenders will be available in the office of the Sr.Divisional Electrical Engineer/ TRS/ Electric Loco Shed /Santragachi in case of the office being closed on that day due to some unforeseen reason; the same will be opened on the next working day at the same time. Railway reserves the right to accept or reject any tender without assigning any reason. The tender is not transferable.

Sr. Divl: Elect: Engineer (TRS)  
Electric Loco Shed, Santragachi,  
South Eastern Railway

For & on behalf of President of India.

**Copy to:** CPRO/S.E.Railway/GRC in duplicate for information & publication in leading News papers and website of S.E.Railway web site No. [www.railwaykgp.com](http://www.railwaykgp.com) please and cost of publication may be debited against allocation No.050-511-32.

**Copy to:** Chief Electrical Engineer, South Eastern Railway, Garden Reach, Kolkata-43 for information.

**Copy to:** Sr.Divl.Finance Manager, S.E.Railway, Kharagpur. for information please.

**Copy to:** Sr.DEE/TRS/TPKR, TATA, BIA, VSKP, BNDM, Dy.CEE/ERS-POH/KGP for wide publicity.

**Copy to:** Chief Cashier/ S.E.Railway/Garden Reach, Kolkata-43 & Divisional Cashier, S.E.Railway, Kharagpur for information. He is advised to accept the cost of tender forms and issue money receipt. The amount to be deposited under Allocation No.Z-650.

**Copy to:** Station Manager/ S.E.Railway, Santragachi for similar action please.

**Copy to:** Commercial Supervisor (Booking/SRC) for similar action please.

**TENDER FOR Provision of Local Area Networking for effective and timely failure analysis of Locos at Electric Loco Shed, Santragachi.**

**TERMS , CONDITIONS AND INSTRUCTION TO THE TENDERER.**

1] **Scope of work:** As per Annexure “B”.

2] **Consignee:** SSE/ELS/SRC

3] **Place of work:** Electric Loco Shed, Santragachi S.E.Railway.

4] **Time Schedule and Program:**

Time is essence of the contract. Tender shall indicate detailed schedule (Programme) of Execution of work within 30days from the receipt of LOA. So as to complete the work in schedule time. The period of completion of the work 02 months from the actual date of start of work after issue of LOA.

5] **Completion Period:**

The period of completion of the work is 02 months from the actual date of start of work after issue of letter of acceptance. But the nature of work involved is day to day work and basics work as described in scope of work.

6] **Terms of Payment:**

Payment to the successful tenderer against the contracted works will be made by Railway Administration through Sr.Divl.Finance Manager/S.E.Railway/ Kharagpur for the bills submitted to Sr. Divl. Elect. Engineer/TRS/ Electric Loco Shed/ Santragachi. The bills for payment should accompany with satisfactory completion certificate issued by nominated person by the Railway Authority & current ITCC is also to be attached with the bill.

7] **EARNEST MONEY:**

An amount Rs.7280/- is to be deposited against earnest money by the tenderer with tender. Tenders without EMD and documents in support of the deposit of earnest money are liable to be summarily rejected and will not be considered.

The deposit may be (I) in cash with Divisional Cashier, S.E.Railway, Kharagpur or (II) in the form of demand draft in favour of FA & CAO, S.E.Railway, Garden Reach, Kol-700043 of (a) State Bank of India of (b) any Nationalised Bank.

**8. SECURITY DEPOSIT:**

8.1.1. On receipt of order from the consignee, the contractor shall deposit security deposit within 15 days from the date of receipt of the order. The earnest money at the discretion of the contractor be adjusted towards the security deposit and the balance to make up the full security deposit shall be paid in the following forms.

8.1.2. The deposit may be (I) in cash with Divisional Cashier, S.E.Railway, Kharagpur (II) in form of Demand Draft in favour of FA & CAO, S.E.Railway, Garden Reach, Kolkata-43 of (a) State Bank of India or (b) any nationalized Bank of (III) deposit receipts, Pay orders of any nationalized Bank and in favour of FA & CAO/S. E. Rly./GRC.

8.1.3. The amount of Security deposit shall be 5% of contractual amount.

8.1.4. No Cheque will be accepted. No interested will be allowed or paid for the amount deposited which will be refunded duly discharged on completion of the guarantee period. Request for transfer of security deposit of any other work will not be accepted.

9. **PERFORMANCE GUARANTEE (P.G.):**

- (a) The successful bidder should give a Performance Guarantee in the form of an irrevocable bank guarantee amounting to 5% of the contract value.
- (b) The performance guarantee should be furnished by the successful contractor after the letter of acceptance has been issued, but being signing of the agreement and should be valid up to expiry of the maintenance period the agreement should normally be sign within 15 (fifteen) days after the issue of LOA and performance guarantee should be submitted within this time limit.
- (c) Performance Guarantee shall be released after satisfactory completion of the work and maintenance period is over.
- (d) Whenever the contracts are rescinded, the security deposit should be forfeited and the P.G. shall be encased and the balance work should be got done separately.
- (e) The balance work will be got done independently without risk and cost of the original contractor.

(d) The original contractor shall be debarred from participating in the tender for executing balance work. If the fail contractor is a JV or partnership firm then every member partner of such a firm would be debarred from participating the tender for balance work either his/her individual capacity or as a part of any other JV/ partnership firm.

10] **PRICES:**

The complete cost for Provision of Local Area Networking for effective and timely failure analysis of Locos at Electric Loco Shed, Santragachi should be inclusive of all taxes & the same should be quoted separately in figure and wards. The quoted rate should be firmed.

12] **CREDENTIALS:**

The tenderer shall furnish the credentials in the proforma given in the Annexure 'D'. Tenderer who has successfully completed the similar type of works in the past will be given due weight age consignee reserves the right to inspect the firm's premises to ascertain the fact if need arises.

13] **ITCC:**

The Tenderer shall submit a certified copy of current ITCC along with his tender.

14] **SUBMISSION OF TENDER:**

The sealed tender will be required to drop on or before **11.12.2008 by 15.00** hrs. in a tender Box. This will kept in the office of the Sr.Divisional Electrical Engineer/TRS/Electric Loco Shed/ Santragachi. Howrah, S.E.Railway.

15] **VALIDITY OF TENDER:**

The tender shall remain valid for acceptance for a period of 90 days from the date of opening of the tender.

16] **OPENING OF TENDER:**

Tender will be opened at 15.30 hrs. on 11.12.2008. Tenderer may, if they desire they can depute their authorized representatives to attend the tender opening.

- 17] **ACCEPTANCE OF TENDER:**  
The acceptance of tender will rest with the Sr.Divisional Electrical Engineer/TRS/ELS/SRC, S.E.Railway who reserves the right to divide the tender amongst more than one tenderer, if deemed necessary and also to reject any or all tenders received without assigning any reason and does not bind himself to accept the lowest or any tender.
- 18] Tender containing over writing, addition, alterations, erasures, obliterations and other defects may not be considered. All correction made by the Tenderers should attested by the tenderers, if the tenderers want to state or specify and special conditions or anything extra they may do so in the separate sheet duly signed and stamped only but should not alter or correct any of the clause given herein. The tender shall be submitted in the tender paper purchased from the Sr.Divisional Electrical Engineer(TRS)/ELS/SRC, S.E.Railway office only. The tender form is not transferable.
- 19] The following amendment for the general contract shall be effective:
- (a) New clause 64(3)(a)/III – The Arbitrator/Arbitrators/Umpire so appointed as the case may be shall give the award on all matter referred to arbitration indicating there in break up to the sums awarded separates on each individual item of dispute.
  - (b) The word “ Person” appearing in the first sentence of clause 64(3) of the General Conditions of the contract should be substituted by “Gazetted Rly. Officer”.
- 20] The submission of tender by a Contractor implies that he has read and abides by the conditions stated therein accompanying the tender form and the S.E.Railway schedule of labour and material rates 1999 Vol.1 & the General conditions of contract of standard specification 1994 Vol-II with all correction slip up to date.
- 21] The contractor shall comply with the provision of contract labour ( Regulation and Abolition) Act 1970 and the contract labour ( Regulations and Abolitions) General rules 1971 as modified fro time to tie wherever applicable and shall also indemnify the Rly from and against any claim under the aforesaid act and the rules.

SOUTH EASTERN RAILWAY

**TENDER**

To,  
The President of India,  
Acting through the  
Sr.Divisional Electrical Engineer(TRS)  
Electric Loco Shed, Santragachi,  
South Eastern Railway.

I/We..... have read the various conditions to tender attached hereto 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 ( Ninety) days from the date fixed for opening the same and the default thereof. I/We be liable for forfeiture of my/our earnest money. I/We offer to do work for..... at the rates quoted in the attached schedule and hereby bind myself/ ourselves to complete the work on acceptance of the tender. I /We also hereby agree abide by the General & special conditions of contract and to carry out the work according to the standard specifications for materials and works laid down by the Railway for the present contract.

2. A sum of Rs..... is herewith forwarded as earnest money. The full value of the earnest money shall stand forfeited without prejudice to any other rights or remedies if:-

- a. I/We do not execute the contract documents within seven days after receipt of notice issued by the Rly. that such documents are ready or
- b. I/We do not commence the work within 10 days after receipt of orders to that effect, or
- c. I/we withdraw my/our offer within the validity date of my/our offer.

3. Until a formal agreement is prepared and executed acceptance of this tender shall constitute a binding contract between us subject to modifications, as may be mutually agree to between us and indicated in the letter of acceptance of my/our offer for this work.

Tenderers Address:

Signature of Tenderer/s  
Dated:

Signature of Witness:

1)

2)

**Scope of work for Local Area Networking**

Srl. No.	Description of work	Quantity
1]	Cabling for local area networking for 20 nodes, providing the followings: a. DLINK 100 SMPS Switch, b. CAT5 Jack panel 24 post, c. 4u Rack with power module, d. CAT5 UTP patch cord 2 Mtrs. e. CAT5 UTP Cable f. RJ45 Connectors g. CAT5 I/O outlet with face plate and box, h. Cable lying and casing.	2 Nos. 2 Nos. 2 Nos. 20 Nos. 500 Mtr. 20 Nos. 20 Nos. 500 Mtrs.
2]	Providing and installing the server (IBM) with specification: i) Intel Xeon 3110 (Duel core) ii) 3.0 Ghz 6 MB Cache iii) RAM 2 GB DDR Server iv) Hard Disc 500 GB ( in two racks) v) Power supply ATX (2 PES Change) vi) DVD ROM vii) 17" CRT Monitor viii) NIC card ( 2 PEC) ix) Complete with UPS5 1 KV as required	1 No.
3]	Providing and installing of accessories for computer system networking and installation as follows: 1) 17" Monitors ( Samsung CG), 2) LAN Card ( D LINK 520 TX) 3) 132 Column 24 Pin Dot Matrix Printer (EPSON LQ 1150)	5 Nos. 5 Nos. 1No.
4]	Installation and commissioning of computer system networking with case between I/O Box and computer crimping and other accessories (Data post installation with termination, labeling and fixing). Providing some small software in Access/Excel for Electric Loco Shed/ Santragachi complete with testing etc. as required.	20 Nodes
5]	Providing and installing of card vending (PC based time and attendance recording system more than 500 card memory) including controlling software' data cables with connector and power supply. Make Smart AXS more advance than Elidet 630.	3 Nos.
6]	Printed RFID card (involving the photograph and personal details of the employee) with Card Holder and printed tag.	300 Nos.
7]	Providing and installing of monitoring the attending of the staff and other things around Time Office with: 1. CCTV Camera 2. Power supply unit for Camera 3. PC based DVR Card ( 4 Channel) 4. Co-axial cable for DVR connectivity 5. PVC conduit and accessories, with laying.	2 Nos. 1No. 1No. 20 Mtrs. 20 Mtrs.

**RATE SCHEDULE**

Srl. No.	Description of work	Quantity	Rate (Rs.)	Total Amount (Rs.)
1]	Cabling for local area networking for 20 nodes, providing the followings: i. DLINK 100 SMPS Switch, j. CAT5 Jack panel 24 post, k. 4u Rack with power module, l. CAT5 UTP patch cord 2 Mtrs. m. CAT5 UTP Cable n. RJ45 Connectors o. CAT5 I/O outlet with face plate and box, p. Cable lying and casing.	2 Nos. 2 Nos. 2 Nos. 20 Nos. 500 Mtr. 20 Nos. 20 Nos. 500 Mtrs.		
2]	Providing and installing the server (IBM) with specification: x) Intel Xeon 3110 (Duel core) xi) 3.0 Ghz 6 MB Cache xii) RAM 2 GB DDR Server xiii) Hard Disc 500 GB ( in two racks) xiv) Power supply ATX (2 PES Change) xv) DVD ROM xvi) 17" CRT Monitor xvii) NIC card ( 2 PEC) xviii) Complete with UPS5 1 KV as required	1 No.		
3]	Providing and installing of accessories for computer system networking and installation as follows: 4) 17" Monitors ( Samsung CG), 5) LAN Card ( D LINK 520 TX) 6) 132 Column 24 Pin Dot Matrix Printer (EPSON LQ 1150)	5 Nos. 5 Nos. 1No.		
4]	Installation and commissioning of computer system networking with case between I/O Box and computer crimping and other accessories (Data post installation with termination, labeling and fixing). Providing some small software in Access/Excel for Electric Loco Shed/ Santragachi complete with testing etc. as required.	20 Nodes		
5]	Providing and installing of card vending (PC based time and attendance recording system more than 500 card memory) including controlling software' data cables with connector and power supply. Make Smart AXS more advance than Elidet 630.	3 Nos.		
6]	Printed RFID card (involving the photograph and personal details of the employee) with Card Holder and printed tag.	300 Nos.		

Srl. No.	Description of work	Quantity	Rate (Rs.)	Total Amount (Rs.)
7]	Providing and installing of monitoring the attending of the staff and other things around Time Office with: 6. CCTV Camera with power supply unit. 7. PC based DVR Card ( 4 Channel)	2 Nos. 1No.		
G. TOTAL: Rs.				
(Total Rupees.....)				
<b>TOTAL VALUE OF DEPARTMENTAL ESTIMATE: RS.3,63,630/-</b>				
% above from departmental estimate in figures..... & in words..... .....				
% below from departmental estimate in figures..... & in words..... .....				

**CONDITIONS**

1. The tenderer should quote rate for each item and above or below in % only in figures & words in the above column to the tender value & strike out which is not applicable.
2. The value of the work in words inclusive of all taxes, duties, transportation & all levies.

**Signature of the Contractor with seal.**

### **TENDERER'S CREDENTIALS**

The tenderers will be required to furnish information regarding their Organisation, experience, ability, facilities available with them for executing the work etc. as indicated below.

1. Name of the Organisation and full address for correspondence with telephone No.
2. Description of business.
3. Address & Location.
4. No. of Employees in the organisation.
5. Capital investment and annual turn over.
6. Banker's and their reference.
7. Details of recent orders executed for provision of Local Area Networking providing and installation of monitoring the attending of the staff and other things around time office from major work place and premises.
  - a) Order No. & particulars of the Consignee
  - b) Value of orders executed
  - c) Performance report of certificates received from earlier Customers ( if available)
8. Description of system of internal Inspection and quality control in the Organisation.

Signature of the Tenderer