



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(पोत परिवहन, सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Shipping, Road Transport and Highways)

जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली-110 075

G-5 & 6, Sector-10, Dwarka, New Delhi-110075

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No. 11041/217/2007-Admn.

15th July 2008

POLICY MATTERS- ADMINISTRATION/FINANCE (38/2008)

[Decision taken on file No. NHAI/CM /Elect/Circular/2008-Admn]

Sub: Procurement of Equipments pertaining to computerization of Toll Plaza.

1. It has been decided that PIU/CMUs will procure required hardware, software, printers and other peripherals for computerization of toll plaza as per the procedure given below:

- a) **For computerization of new toll plazas** – request has to be sent to GM (Electronics) indicating the number of lanes well in advance before the tolling begins.
- b) **For computerization of additional lanes of existing/ shifted Toll plazas** – request has to be sent to GM (Electronics) indicating the required additional lanes/ booths well in advance.

2. Before sending the request for procurement, PD may ensure the essential infrastructure for setting up of the tolling systems as circulated to all PDs vide letter ref no: 11013/165/2005/IT dated 05.05.2006 (copy enclosed). In addition, stabilized power supply may also be arranged at the toll plaza.

3. After the receipt of request from PDs, CM division shall obtain administrative/ financial approval from the Competent Authority and communicate the same to respective PD along with sample bid document.

4. Project Directors shall follow the laid down procurement procedure and guidelines of NHAI by inviting competitive quotations after publishing in local newspapers. A committee may be constituted at PIU level with representatives from Finance and adjoining PIUs among other members.

This issues with the approval of the Competent Authority.


(V.K. Sharma)
General Manager (Admn.)

To:

PS to Chairman
All Members
All CGMs/CVO/GMs
All DGMs/Managers
All PIUs/CMUs/SPVs

Copy to: -

Librarian/Hindi Officer



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IMPORTANT

No. 11013/165/2005/IT

26/6
Mgs (Exec)

Dated: 05.5.2006

Sub: Setting up Wide Area Network (WAN) and Local Area Network (LAN) at NHAI Field Offices and Toll Plazas.

The Competent Authority had approved the following for setting up Wide Area Network (WAN) and Local Area Network (LAN) at NHAI Field Offices and Toll Plazas:

1. Work was awarded and is under implementation by:
 - (i) Supply and installation of computers, servers, printers and software's: by M/s CMC Ltd.,
 - (ii) Supply and installation of LAN and WAN equipment: by M/s Datacraft India Ltd.,
 - (iii) Connectivity among Field Office, Toll Plazas, HO and Ministry: by M/s BSNL

Agencies mentioned above have strict and tight timelines to complete their scope of work. The Project Directors are requested to facilitate their work by giving them necessary assistance which *inter alia* includes: storage space, providing area free from all encumbrance for laying of cables, interacting with local BSNL officials for obtaining the last mile connectivity and any other assistance requested by the firms mentioned above.

2. **Material receipt, stock entry and its intimation to HO:** Contract provisions communicated vide even no. letters dated 28.3.2006 and 24.4.06, are reiterated that on supply of materials, Project Director under his signature will issue timely receipt of the materials on prescribed performa and send the same to the HQ, get the materia's entered in PIU/Toll Plaza stock registers and intimate the full inventor; to IT Division.

3. **Providing essential infrastructure:** Secure, lockable, dust and damp proof with air-conditioned space at each Field Office/Toll Plaza is to be provided by the Project Director(s) for a permanent; (i) Server Room, (ii) Video Conferencing (wherever applicable) and, (iii) UPS Room as per the specifications and layout in Annex -1.

Supply and installation of air-conditioners, furniture, electrical and civil works will be got done by the Project Director by procuring the material as per the prescribed purchase procedures so as to complete the works in all respects by May 20, 2006. Video Conferencing is being implementing at 25 locations, list at Annex -2. So, infrastructure for video Conferencing will only be built at the locations specified at Annex-2.

This issues with the approval of Chairman, NHAI.

(Vikas Malhotra)

Manager (Planning & Information System)

Encl: as above(2 pages)

To: All Project Directors
(As per the list placed)

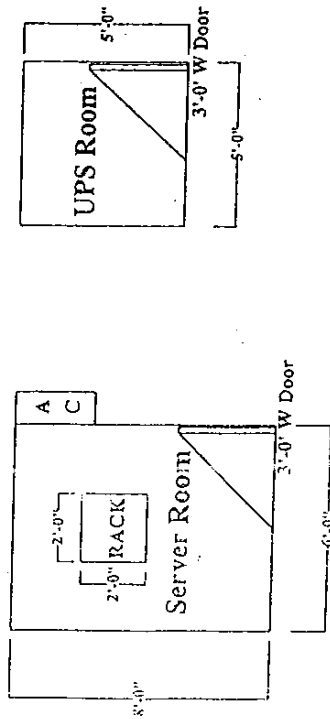
Copy for information to: PS to Chairman/Members/CGMs/GM(F)

Copy also to:

1. M/s CMC Ltd., Jeewan Bharti Building, Sansad Marg, New Delhi (Attn. Shri A.K.Gangal),
2. M/s. Datacraft India Limited, 51, Okhla Industrial Estate, Phase-III, New Delhi-110020, (Attn. Shri Amit Uppal, General Manager)
3. M/s Bharat Sanchar Nigam Limited (BSNL), Statesman House, B-148, Barakhamba Road, New Delhi-110001 (Attn. Shri Anil Kaushal, Sr. DDG)
4. M/s Bharat Sanchar Nigam Limited (BSNL), CTS Compount, Netaji Nagar, New Delhi-110 023, (Attn. Shri Shailendra Agarwal, GM, Mktg. & C.C.)

Typical Layout of Field Office/ Toll Plaza

Floor to Ceiling Height should be 8 feet minimum



Specifications of Essential Infrastructure required :-

1. Server Room (Minimum size = 8' feet Length x 6' feet Breadth x 8' feet Height) should be dust-proof, water proof, clean and air conditioned. (1.5 ton branded AC recommended)
2. Distance of any room where cabling is done should not be more than 90m from Server room.
3. Distance between Server room and Toll Booths should not be more than 90m.
4. Rack should have 3'-3" clearance from all sides in the server room.
5. UPS Room should be air cooled by ceiling and exhaust fan with proper ventilation.
6. Server and UPS room should have restricted access.
7. In case server room is not RCC, false ceiling is needed for cable routing.

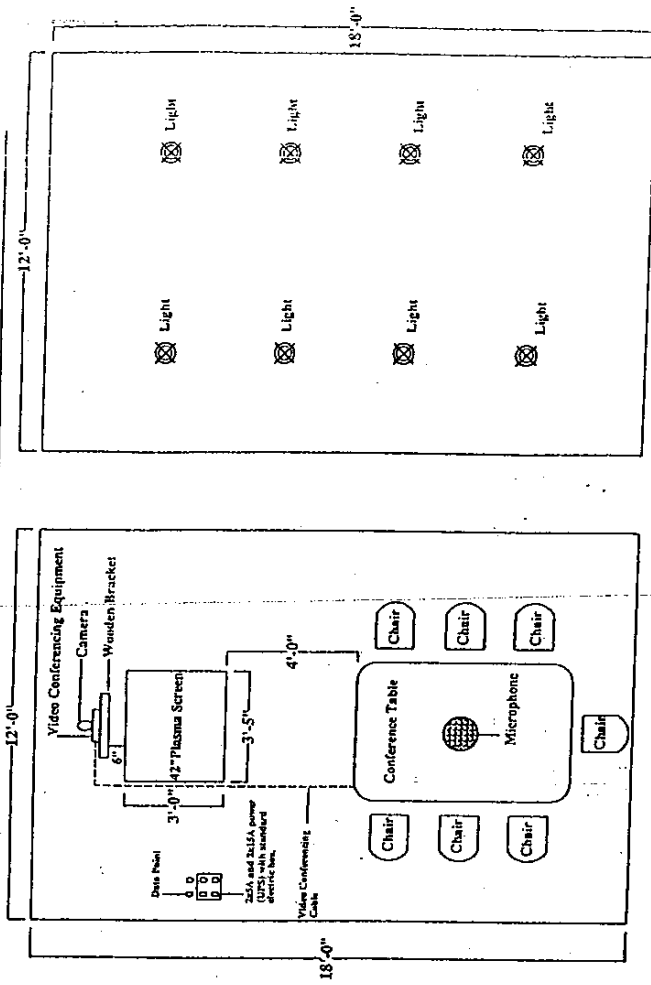
Requirement from Project Director :-

1. Furniture table and Chairs for Server Room
2. Essential Infrastructure for UPS and Server Room as per above layout & specification.
3. One power point for supply to UPS.

Work to be undertaken by M/s. Datacraft

1. Supply & Installation of Racks, Switch, Router, UPS
2. Laying of Power & Data Cabling

Typical Layout of Video Conferencing Room



Specifications of Essential Infrastructure required :-

1. The height of the room from floor to ceiling should be minimum 8 feet.
2. Video conferencing room (Minimum size = 8 feet height x 12 feet width x 18 feet length).
3. The room should be dust proof, water proof, clean and air conditioned (1.5 ton branded)
4. For 42" Plasma Screen, one clear strong wall for hanging the plasma screen (Weight 60 kg.) is required in VC room.
5. Proper Lighting that is 300-400 flux of light in the VC room which is approx. 8-10 lights of 25 watt.
6. Conferencing table should not be of glass material so as to avoid reflection.

Ceiling Light Plan

Requirement from Project Director :-

1. Supply & installation of 1 table and 4-5 Chairs for Video Conferencing room.
2. Strong wall for hanging Plasma Screen (Weight 60 kg.)
3. Essential infrastructure for Video Conferencing room as per above layout & specification.

Work to be undertaken by M/s. Datacraft

1. Supply of LG Plasma Screen, Athera End Point Video Conferencing Kit.
2. Cabling (Power & Data) for UPS Point, Plasma Screen & Video Conferencing.

List of Offices to be equipped with Video Conferencing

Annexure-2

Sno.		Site Address
1.	Head Office	Sh. Vikas Malhotra, Manager (P&IS) G - 5 & 6, Sector - 10, Dwarka, New Delhi - 110075
2.	Ministry	Sh. Shashi Kant, Server Admn. (NIC) Ministry of Shipping, Road Transport & Highways Department of Road Transport & Highways Transport Bhawan, 1, Parliament Street, New Delhi - 110001
3.	Software Technology Park, Okhla	Sh. Balaji, Manager (GIS) NSIC Building, Software Technology Park, Room No. 101 and 203, Okhla, New Delhi
GQ		
4.	Jaipur	Sh. A.C. Srivastava, Project Director, NHAI, D-35/1, Sanjivini Marg, Hanuman Nagar, Jaipur.
5.	Udaipur	Sh. Uitam Kumar, Project Director, 14, Durga Nursery Road, Udaipur- Rajasthan.
6.	Ahmedabad	Sh. S.K. Survase, Project Director, 1601 / 1602, Karnavati Estate, Near Trikampura Patia, GIDC Phase - III, Vatva, Ahmedabad - 382 445
7.	Pune	Sh. P D ARORA, Project Director, S.No. 134/1, C/o BAIF Bhawan, Campus, Dr. Manibhai Desai Nagar, Above Bank of India, (Warje Br.) NH - 4, Warje, Pune - 411 052
8.	Dharwad	Sh. D.Laxmi Narayan Rao, Project Director, Suvarna Kiran Building, Second Cross, Vidyagiri, Dharwad - 580 004.
9.	Bangalore PIU / CMU	Sh. Manoj Kumar, Project Director, NS/11, 22nd KM on NH-7, Bommasandra, Bangalore-562158,
10.	Chennai	Sh. I G Reddy, Project Director, No. 8, 29th Cross Street, Indira Nagar, Adyar, Chennai - 600 020.
11.	Vijaywada	Sh. M Pitchi Reddy, Project Director, Plot No. 21, Teachers Colony, Upstairs of State Bank of Hyderabad, Gurunanaknagar Road, Vijaywada -520 008.
12.	Vishakhapatnam (PC)	Sh. K. Srinivasulu, Project Director, Sheelanagar, BHPV (P.O.), Visakhapatnam - 530 012 (A.P.)
13.	Bhubneshwar	Sh. D.Sarangi, Project Director, N-2/173, IRC Village, Nayapalli, Bhubaneswar - 751 015.
14.	Kolkatta	Lt Col G.G.K. Nair, Project Director, DB-13 Saltlake Sector-I, Kolkata-700064
15.	Durgapur	Sh. Nirmal Mondal, Project Director, NHAI Complex, Sector - 2A, Bidhannagar, Durgapur - 713 212.
16.	Varanasi	Sh. M. Chandreshkhar, Project Director, S-17/329-A-2, Maldahiya, Varanasi - 221 002.
North - South		
17.	Jalandhar	Sh. D S Dehal, Project Director, House NO: 120, Defence Colony, Jalandar.
18.	Gwalior	Sh. Atul Kumar, Project Director, House No. 1101, Opp. - 30, Tagorenagar, University Road, Gwalior (MP)
19.	Nagpur	Sh. M Krishna Murthy, Project Director, 54, Karve Nagar, Wardha Rd. Nagpur
20.	Tiruchirappalli	Sh. K. Vishwanathan, Project Director, New No. 6, Old No. 44, First Floor, III Main Road, Ponnagar, Tiruchirappalli - 620001
East - West		
21.	Guwahati	Sh. Dilip Gogoi, Project Director, NHAI, Suraj Nagar, Po-Khanapara, Guwahati -22, Assam.
22.	Muzaffarpur	Sh. P.K. Das, Project Director, 2nd floor, Pawapuri Vihar Muzaffarpur, Bihar
23.	Lucknow (AL)	Sh. M.K. Gupta, Project Director, National Highways Authority of India, 4/148, Vishesh Khand, Gomti Nagar, Lucknow -226010.
24.	Kota	Sh. B L Meena, Project Director, I-C-10, SFS Colony, Talwandi, Kota (Rajasthan) 324 005.
25.	Rajkot	Sh. S S Singhavi, Project Director, NHAI FO PIU University Road Rajkot -301-304, Krishna-Con-Arch-I, Near Kotecha Chowk, University Road, Rajkot - 350 007.