

Government of NCT of Delhi
INFORMATION TECHNOLOGY DEPARTMENT
9th Level, B-Wing, Delhi Secretariat, IP Estate, New Delhi-110002
<http://it.delhi.gov.in>

F.NoE-11/2/2015-DS(CCU)-Part(1) 7456-7468

Dated 27/12/2019

Subject - Minutes of the Meeting of Technical Evaluation Committee (TEC) held on 05.12.2019 at 11:30 PM, under the Chairmanship of Secretary (IT), in his chamber at 9th Level, 'B' Wing, Delhi Secretariat, Delhi, to examine the IT proposals of various Departments of Govt. of NCT of Delhi.

- I. List of members/participants present in the meeting is enclosed as **Annexure-I.**
- II. The proposals in brief and decisions taken / advice of the Technical Evaluation Committee are detailed below: -

1. Revenue Department

F.No.F1(218)/IT/DCO/2019, CD. No. 087540470

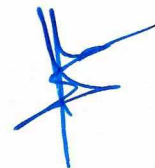
The proposal of Revenue Department regarding hiring of following technical manpower for "Delhi Online Registration Information System" (DORIS) Project, as recommended by Divisional Commissioner (Revenue), was placed before the TEC: -

S.No	Post Name	No of person required
1	Database Administrator	1
2	Sr. Programmer	2
3	Programmer	1

Representative of the Department apprised following: -

1. The Delhi Online Property Registration Information System (DORIS) has been implemented in all the Sub Registrar Offices of GNCTD for registration of 14 types of different deeds executed at SR Offices.
2. NIC, Delhi State Unit is managing and maintaining DORIS project for Revenue Department.
3. New provisions/modules as mentioned below, are to be developed under the DORIS project: -
 - i. Up-gradation of the DORIS software.



- ii. Centralization of all SR Offices & synchronization of data with portal i.e. <http://doris.delhigovt.nic.in>.
 - iii. Design, development and implementation of the "B-Book" module.
 - iv. Design, development and implementation of the Deed Writers module.
 - v. Integration of Biometric devices as per the new standards notified with the software module of the DORIS.
 - vi. In order to provide all the services from a single point to the citizens, the integration of DORIS software is to be carried out with all the local bodies like Municipal Corporations, NDMC, IGL, NDPL, BSES, DJB etc.
 - vii. Centralization of digitized legacy data in single portal.
 - viii. Design and development of the Web API for property tax calculation, other dues like electricity, water and mutation purpose.
 - ix. Design, development and implementation of the single point help desk software for the citizens and SR Offices.
 - x. Preparation of technical documents
 - xi. Conducting the trainings for master trainers.
4. The NIC has requested for hiring of 4-technical manpower as mentioned above for implementation, maintaining, training and handholding of new activities.
 5. Proposed manpower will develop various activities as mentioned above including preparation of software requirements specification (SRS) which have detailed description of a software system to be developed with its functional and non-functional requirements.

TEC discussed and observed that the roles and responsibilities to be performed by the proposed technical manpower as provided by Department/NIC are very subjective in nature. The Department/NIC may only confirm/analyze exact number of persons required on the basis of size of database, number of forms to be developed etc.

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The representative from NIC who is the implementing agency has confirmed that the proposed requirement is minimum.

TEC discuss the proposal considering above points and technically approved One-Database Administrator, Two-Sr. Programmer and One-Programmer for a period of one year.

2. Chief Electoral Office, Delhi.

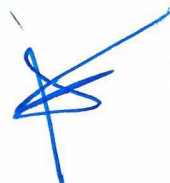
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Proposal of Chief Electoral Office, Delhi, regarding hiring of two numbers of Roll out support staff/Data Entry Operator for supporting election related activities, as recommended by Chief Electoral Officer, was placed before the TEC.

Representative of the Department apprised following: -

- a) Office of the CEO, Delhi is using many IT based systems and mobile Apps for various election and electoral roll related activities in connection with the Delhi Assembly Election such as:
 - i. cVIGIL app for model code of conduct cases
 - ii. Electronic transfer of postal ballot (ETPBS)
 - iii. New Suvidha application for pre counting and poll day.
 - iv. PWD app for divyang voters
 - v. Monitoring of election activities
 - vi. National Grievance Service Portal
- b) Currently, 10 DEOs are working in various branches of O/o. CEO.
- c) 12 numbers of Roll Out Support Staff are working at the strength of CEO including HQ and 11 District Election Offices.
- d) The requirement 02 Roll Out Staff is for deploying at OSD Election/IT Branch for compiling various reports of the Elector Verification Programme and for related activities.

TEC discussed and gave technical approval to the proposal of hiring of 02 Roll Out Staff / Data Entry Operator for a period of six months.



3. Principal Accounts Office

F.No.-F.4(2)/Computer/Pen.Cell/2015, Cd No.- 018324444

The proposal of Principal Accounts Office, GNCT of Delhi, regarding extension of 01-Programmer and 16- Assistant Programmers on hiring basis for a period of six months w.e.f. 22.12.2019, as recommended by Controller of Accounts, Delhi, was placed before the TEC.

Representative of the Department apprised following: -

1. Above said Technical manpower has been deployed in 25 Pay and Accounts Offices, functional under the PAO, to provide technical support for smooth functioning of Payroll System, as per the functional requirement of the Department.
2. The hired manpower is providing technical handholding support in Pay & Accounts Offices scattered across the city where following software(s) have been implemented for managing Receipt and Payments, maintenance of GPF accounts of the employees, finalization of pension cases, preparation of daily/monthly accounts of receipts and payments of the government etc.:-
 - COMPACT Software - Implemented for processing Receipts and Payments matters.
 - Electronic Clearing System (ECS) - System has been implemented for arrangement of payments in the Bank Accounts of the employees and contractual workers.
 - e-Lekha - For compilation and consolidation of daily/monthly accounts at the level of PAOs and Principal Accounts Office.
 - Government e-Payment Gateway (GePG) - Arrangement of online payment in the accounts of beneficiaries, vendors, suppliers, employees etc.
 - GPF System - Maintenance of GPF Accounts of the employees and issue of GPF statements with the Digital Signatures of Pay & Accounts Officers.

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- Pension System - For processing of pensionary benefits cases of the retirees and revision of pension of pre-2016 pensioners with the Digital Signatures of Pay & Accounts Officers.
 - National Pension System (NPS) - Preparation of details of subscriptions of the employees covered under NPS and their monthly uploading with the system of Central Recordkeeping Agency (CRA).
3. The above said software(s) developed through CGA - NIC, developed in-house through NIC-Delhi are standalone systems and appropriate technical handholding support is required at the level of PAOs on real time basis. Besides, daily data backup of the systems is also taken to save the financial data. As and when modifications to the software are proposed, the said modified provisions are carried out in the existing system. All these activities are carried out through and with the assistance of the technical manpower. As the software(s) running in PAOs are standalone systems, real time support cannot be ensured through and with the assistance of technical manpower of Headquarter (Principal Accounts Office).
4. Regarding the creation of the regular IT Cadre posts, the IT Department had concurred for creation of regular post of 01-Jt. Director (IT), 01- System Analyst and 17- Assistant Programmers on 30/10/2018. Now the proposal has been submitted to AR Department for work study in the March, 2018 which is under process with AR Department.
5. The creation of regular posts may take some time, hence requested for extension of services of existing hired 01- Programmer and 16- Assistant Programmers for a further period of six months w.e.f. 22/12/2019 or till the creation of regular post, whichever is earlier.
6. Presently, 01- Sr. System Analyst and 03- Assistant Programmers post are vacant in the Principal Account Office. However, 01- Jt.



Director (IT) and 01- System Analyst are working in PAO on diverted capacity.

TEC discussed the proposal and observed that PAO has not taken sufficient steps to expedite the creation of regular posts.

TEC technically approved the extension of services of existing hired 01- Programmer and 16- Assistant Programmers for a further period of six months w.e.f. 22/12/2019 or till the creation of regular posts, whichever is earlier with the advice that this extension is for only six months and thereafter the services of the manpower may be discontinued. The Department should get the posts created expeditiously.

4. Information Technology Department

F.No.-E-H/1/2019-Admin-Secy(IT)

Information Technology Department briefed about the requirement of switches/modules for maintenance of existing LAN setup in Delhi Secretariat: -

Switches

Gross requirement (switches) (ref. Table No. 1)	50 Nos.
Approved by TEC & procured by IT Department (ref. S.No. 1 to 3 of Table No 2)	6 Nos.
Net requirement of switches (ref. Table No. 3)	44 Nos.

Modules (required to be installed in the switches for fibre connectivity)

Gross requirement (modules) (ref. S.No. 4 & 5 of Table No 2 and S.No 1 of Table no. 4)	36 Nos.
Approved by TEC & procured by IT Department (ref. S.No 4 & 5 of Table No. 2)	26 Nos.
Net requirement of modules (ref. Table No 4)	10 Nos.

Proposal of Information Technology Department regarding procurement of 44 Nos. of L2 Switches (42 numbers with 48 ports and 2 numbers with 24 ports switches) along with necessary modules for maintenance and smooth

functioning of existing LAN setup in Delhi Secretariat, was examined by TEC.

Representative of the Department apprised the following: -

- i. Department of Information Technology had undertaken a project-revamping of LAN in Delhi Secretariat in the year 2009-10. Under the project, DIT, GNCTD had procured and installed the following hardware (Cisco Networking Equipment) in Delhi Secretariat Building to provide the last mile connectivity to the user Departments located in Delhi Secretariat. The details of the hardware (total 50 switches) are as under: -

Table No. :- 1 (L3 and L2 Switches)

S. No.	Description	Qty.	Remarks	End of Service Contract Renewal Date for Hardware
1	WS-C4507R-E – Core Switch (L3 switch)	2	Installed in NIC Delhi State Unit	15 th July 2017 ##
2	ws-C2960G-48TC-L-48 Port L2 Switch	34	Installed in Delhi Secretariat in all floors	29 th October 2016 ##
3	WS-C2960-24CT-L – 24 Port L2 Switch	4		29 th Jan 2019 ##
4	NIC requirement for 48 ports switches (L2)	10	Installed by NIC in Delhi Secretariat **	
4	Total switches required	50		

##These equipment were procured with 5 years warranty in the year 2009-10 and the OEM of these switches has announced the dates for 'End of Service Contract Renewal Dates' and 'End of Support'.

** NIC, Delhi State Unit had requested to procure additional 10 numbers of L2 switches with 48 ports to replace the unmanageable switches installed in the building.

- ii. The above said equipment are under the control of NIC, Delhi State Unit, which is looking after the Network of the Delhi Secretariat.

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- iii. **REPLACEMENT DONE** -Department had procured and replaced the 6- switches (S.No. 1 to 3 of table no. 2 below) and 26-modules (S.No. 4 & 5 of table no. 2 below) after the approval of TEC meeting held on 17.1.2019. TEC had also advised that the network equipment which are out of warranty and AMC for which cannot be extended further due to 'End of Support/Life' by the OEM, may be condemned as per Condemnation Policy of IT Department: -

Table No. :- 2

S. No.	Item	Description	Qty	Remarks
1	Switches	C9404R - Cisco Catalyst 9400 Series 4 slot chassis with above specification (L3 Switch)	2	Both the L3 Switches Installed at NIC Delhi State Unit.
2		WS-C2960X-24TD-L - Catalyst 2960-X 24 GigE, 2 x 10G SFP+, LAN Base (L2 Switch, 24 Port) (requested by NIC)	2	01 Switch installed at VC room at 2 nd Floor and 01 at 10 th Floor.
3		WS-C2960X-48TD-L - Catalyst 2960-X 48 GigE, 2 x 10G SFP+, LAN Base (L2 Switch 48 Port)	2	01 Switch installed at 9 th Floor and 01 at 7 th Floor.
4	Modules	SFP-10G-SR= - 10GBASE-SR SFP Module	12	These modules are installed in L3 and L2 Switches mentioned above for fiber connectivity.
5		GLC-SX-MMD= - 1000BASE-SX SFP transceiver module, MMF, 850nm, DOM	14	

- iv. Currently, no L2 switches are available with DIT/NIC Delhi State Unit in stock. IT Department had sought advice of NIC and M/s. CISCO, the OEM of the networking equipment (Router, L3 Switches and L2 Switches installed in Delhi Secretariat). M/s Cisco has suggested the model "Cisco 9200 series" for L2 switches. The suggested model will also support Software Defined Network. The details of the BoQ shared by M/s. Cisco for L2 switches with modules are as under: -

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Table No. :-3 – Switches with specifications

S.No	Item	Line Number	Part Number	Description	Service Duration (Months)	Quantity required
1	Switches L2 switch 48 port)	2.0	C9200-48P-E	Catalyst 9200 48-port PoE+, Network Essentials	---	42 Nos. (32 to replace existing switches and 10 to replace the unmanaged switches)
		2.0.1	CON-SNT-C92048PE	SNTC-8X5XNBD Catalyst 9200 48-port PoE+, Network Esse	60	
		2.1	C9200-NW-E-48	C9200 Network Essentials, 48-port license	---	
		2.2	C9200-NM-4X	Catalyst 9200 4 x 10G Network Module	---	
		2.3	CAB-TA-IN	India AC Type A Power Cable	---	
		2.4	PWR-C5-BLANK	Config 5 Power Supply Blank	---	
		2.5	C9200-DNA-E-48	C9200 Cisco DNA Essentials, 48-Port Term Licenses	---	
		2.5.0.1	C9200-DNA-E-48-3Y	C9200 Cisco DNA Essentials, 48-port - 3 Year Term License	36	
		2.6	NETWORK-PNP-LIC	Network Plug-n-Play License for zero-touch device deployment	---	
2	Switches (L2, 24 port)	3.0	C9200-24P-E	Catalyst 9200 24-port PoE+, Network Essentials	---	02 (to replace existing switches)
		3.0.1	CON-SNT-C920024P	SNTC-8X5XNBD Catalyst 9200 24-port PoE+, Network Esse	60	
		3.1	C9200-NW-E-24	C9200 Network Essentials, 24-port license	---	
		3.2	C9200-NM-4X	Catalyst 9200 4 x 10G Network Module	---	
		3.3	CAB-TA-IN	India AC Type A Power Cable	---	
		3.4	PWR-C5-BLANK	Config 5 Power Supply Blank	---	
		3.5	C9200-DNA-E-24	C9200 Cisco DNA Essentials, 24-Port Term Licenses	---	
		3.5.0.1	C9200-DNA-E-24-3Y	C9200 Cisco DNA Essentials, 24-Port,	36	

				3 Year Term License		
		3.6	NETWORK-PNP-LIC	Network Plug-n-Play License for zero-touch device deployment	---	
3		Total	44 (42 Nos.- 48 ports switches (L2), 02 Nos.-24 ports switches (L2))			

Table No.- 4 – Specification/BOQ of modules

S.No	Item	Line Number	Part Number	Description	Service Duration (Months)	Quantity required
1	modules	1.0	GLC-SX-MMD=	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM	---	10 Nos. (modules for 10 additional L2 switches)

v. NIC, Delhi State Unit has verified/vetted the BoQ/Specifications.

TEC discussed the proposal of IT Department and observed that IT Department should categorise the existing equipment in different categories, based on criticality i.e. High, Moderate and Low and strongly recommended to prepare contingency plans for continuity of the service in each category. Approval of the same may be obtained from the TEC.

TEC approved the proposal of the Department along with the specifications as per details given in the **Table No. 3 and Table No. 4**.

Further, TEC also approved procurement of two numbers of L2 switches with 48 ports as per specifications giving in the Table no. 3, in addition to above as backup arrangement, since network infrastructure comes under highly critical nature and cannot be kept down for a longer period due to failure of the equipment.

III. The approvals by this Committee (TEC) are subject to the condition that respective Departments shall complete all codal formalities as per Rules and Regulations including financial instructions / guidelines for calling of tenders and approval of the competent authority (as per GFRs etc) in this regard.

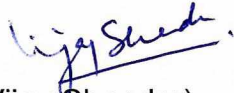
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- IV. The above approvals are also subject to the condition that the above said Departments shall have to take approval of the Finance Department, wherever necessary.

The meeting ended with vote of thanks to the Chair.



(Vijay Shendre)
Sr. System Analyst,
Department of IT



(Suresh Kumar. M.)
AAO, Finance Department



(Santulan Chaubey)
Joint Director,
Department of IT



(Rajeev Chauhan)
STD, NIC, Delhi



(Dr. MPS Bhatia)
Professor, NSIT




(Ajay Chagti)
Spl. Secretary (IT)



(Sandeep Kumar)
Secretary (IT)

Copy to:

1. Sh Neeraj Bharti, Spl. Secretary Finance Department
2. Director (Planning), Department of Planning, GNCTD.
3. Sh. Ajay Chagti, Special Secretary (IT), GNCTD.
4. SIO, NIC Delhi State Unit, 3rd Level, Delhi Sectt.
5. Dr. MPS Bhatia, Professor, Netaji Subhash Institute of Technology, Sector-3, Dwarka, New Delhi – 110078.
6. Sh. Santulan Chaubey, JD., IT Deptt., GNCTD.
7. Sh. Manoj Kumar, Professor, Ambedkar Institute of Advance Communication Technology and Research, Geeta Colony, Delhi – 110031.
8. Ms. Manju Sahoo, JD(Planning), Planning Department, GNCTD
9. Shri Vijay Shendre, SSA, IT Department
10. Shri Sreenivas , Sr. AO, Finance Department, GNCTD
11. SA(IT), for uploading the Minutes of the Meeting on the website of DIT, GNCTD.
12. P.S. to Secretary (I.T.) I.T. Department, GNCTD
13. All Departments in their respective files.


(Vijay Shendre)
Sr. System Analyst

Govt. of NCT of Delhi
Department of Information Technology
9th Level, B Wing, Delhi, Secretariat

Attendance sheet of TEC meeting held on 05.12.2019 at 11:30 AM

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