

GOVERNMENT OF PUDUCHERRY
DIRECTORATE OF INFORMATION TECHNOLOGY

No.24/PSWAN-POP/DIT/D2/Vol.2/2007

Puducherry, the 08-02-2010

CIRCULAR

Sub: DIT - Implementation of PSWAN - Horizontal offices - Site preparation - Reg.

- Ref: 1. This directorate letter No. 24/PSWAN- POP/ DIT/ D2/2007 dt. 13-5-2008 of Data circuit termination circular
2. This directorate letter No.24/PSWAN-PoP/DIT / D2/2007/466 dt. 18-07-2008 of LAN circular
3. This Directorate letter No.24/PSWAN-PoP/DIT / D2/2007 dt. 23-01-2009 of Site Preparation

Kind attention is invited to the circulars cited under reference.

It is informed that the Puducherry State Wide Area Network (PSWAN) infrastructure facility has been made operational. Initially, 100 horizontal locations (Government offices) are connected on priority basis. The connectivity to remaining locations is being extended.

The scope of this project is to extend the connectivity to the premises of the Government Offices. Under this project the following steps are carried out to complete the connectivity.

- i. Provision of Leased Line Connectivity by M/s. BSNL. A leased line modem will be placed at the terminal point of the leased line.
- ii. Supply of networking equipments viz. one Router and one Switch by this Directorate.
- iii. Configuration of connectivity by National Informatics Centre.

This directorate has already communicated to set up LAN in a structured cabling manner and to locate the network terminal equipment which are supplied by this Directorate. But this Directorate experiences some issues relating to establishment of connectivity by lack of power provision arrangement and proper placement of the network equipment and asset details.

Therefore it is once again stated that the following arrangements may be made to complete the task within the permitted time lines.

- a. Universal socket(having 5 Amps & 15 Amps Socket) with switch control - 3 Nos.
- b. Power supply through Uninterrupted Power Supply System (ie) UPS.
- c. Air conditioning facility, if available.
- d. The EDP centre in which the main network switch is housed may be preferred to place the PSWAN network equipments. In case, there is no EDP Centre, a secured location may be identified for this purpose.
- e. Identification of PCs which require PSWAN Connectivity. The details of PCs such as MAC address, operating system etc may be kept ready.
- f. Furnishing of list of Officers having PCs for whom the Internet access is required to this Directorate

If more than one Department / Office is housed in a premise, It is the role of the Offices to extend the connectivity from the terminal point of PSWAN equipment placed in the premises, to their LAN/PC. A network cable may be drawn from the SWAN equipment to the LAN Switch / PC in a structured manner.

The Heads of Departments are requested to ensure the above arrangements in their office and to instruct their branch offices accordingly.



(S.M. KHANNAJI)
SPL. SECRETARY (IT) - Cum -
DIRECTOR (IT)

To

1. Departments concerned (As per the annexure).
2. The District Collector, Civil Station, Karaikal / Regional Administrator, Mahe/Yanam.

Copy to

1. The State Informatics Officer, National Informatics Centre, Puducherry.
2. The Deputy General Manager, M/s. BSNL, Puducherry.

GOVERNMENT OF PUDUCHERRY
DIRECTORATE OF INFORMATION TECHNOLOGY

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No.24/PSWAN-POP/DIT/D2/2007

Puducherry, the 23/01/2009

CIRCULAR

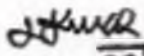
Sub: DIT - Implementation of PSWAN - Horizontal offices -
Site preparation - Reg.

- Ref: 1. This directorate letter No.24/PSWAN-POP/DIT/D2/2007
dt. 13-5-2008 of Data circuit termination circular
2. This directorate letter No.24/PSWAN-PoP/DIT/D2/2007
dt. 18-07-2008 of LAN circular

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The site preparatory works for vertical PoP locations are nearing completion for the establishment of Puducherry State Wide Area Network (PSWAN). As the Departments have to be connected with the Vertical Point of Presence (PoP) location, the departments/offices were requested to establish the Local Area Network (LAN) in the premises in a structured cabling way so as to terminate the data circuit by M/s. BSNL, Puducherry at a single point in the Departments/Offices. Guidelines issued earlier is enclosed.

The Departments/Offices will be connected to the Vertical PoP in a phased manner. The list of offices prioritized in the first phase is enclosed. The Head of Departments may ensure that LAN is provided by 15.03.2009. It is requested to communicate all the sub-offices listed in the annexure to establish the LAN by the above said date.


23/1/09
(L. KUMAR)
DIRECTOR (IT)

Encl: As stated above

To

1. To the Departments concerned (As per the annexure).
2. The District Collector, Civil Station, Karaikal
3. The Regional Administrator, Civil Station, Mahe
4. The Regional Administrator, Civil Station, Yanam

**GOVERNMENT OF PUDUCHERRY
DIRECTORATE OF INFORMATION TECHNOLOGY**

No.24/PSWAN-PoP/DIT/D2/2007/466

Puducherry, 18.07.2008.

CIRCULAR

Sub: DIT - Setting up of LAN in departments - Guidelines - Issued - Reg.

Ref.: 1. Circular of this Dte. vide No.24/DIT/D2/2003 dt.18.08.2003.
2. Circular of this Dte. vide No.23-2/Vol.II/SWAN/DIT/D2/2007 dt. 29.11.2007.

A Local Area Network (LAN) is a communication network that interconnects a variety of devices and provides a means for exchanging information among those devices. The size and scope of a LAN is usually small, covering a single building or group of buildings.

2. This Directorate is in the process of establishing State Wide Area Network (SWAN). The entire department will be able to access the information through the SWAN, only if the computers and accessories are inter-connected by way of a LAN. Hence the departments are advised to set up a LAN in a structured cabling manner.

3. The computers/individual LANs available in all departments/sub-offices that are located within the same building/campus needs to be interconnected as only one SWAN connectivity will be terminated in the building/campus.

4. As the initial step of establishing the LAN, the diagram connecting all rooms/buildings in the same campus buildings may be prepared to ascertain the number of points. For major departments, an EDP Centre may be established in a centralized location where the departmental Server (if any) can be located along with the main LAN switch and SWAN termination routers/switches. The network equipments shall be provided with adequate power back up from UPS. The EDP Centre may be furnished with Air Conditioner, false roof, etc.

5. The department has to identify one official/officer as nodal officer for LAN and one official as in-charge person for day to day operations and monitoring of LAN and interconnectivity to WAN. The detailed address, contact numbers of the identified official/officer may be sent to this Directorate.

6. To setup a structured cabling, the Department may follow the DGS&D rate Contract (if available) or through tender process i.e. call for quotations by specifying the following details:-

- i. No. of points (for connecting Computers, Network Printers)
- ii. Building Plan - locations of computers, network printers,
Central location (where servers/networking equipments to be placed)
- iii. No. of Computers not having Network Card
- iv. Details of existing Networking equipments viz. Routers, Leased Line
Modems, Switches, Hubs, etc.

7. The quote submitted by the vendor should consist of the rates, brand names along with model no. of equipments:-

- a) Length and Cost of the cable
- b) No. of Switches 8/16/24 Ports
- c) No. of RJ45 connectors
- d) No. of Information outlets, patch cord etc.
- e) PVC Pipe/Channel Cost, etc.
- f) Wall mounting racks for fixing the networking equipments
- g) Labour cost
- h) Any other cost.

8. Further the vendor is required to implement structured cabling for the entire LAN and he has to necessarily provide the structured cabling network diagram.

9. The Departments are advised to follow the usual purchase procedure in selecting the Vendor and obtain the technical approval of this Directorate. The expenditure in this regard may be met from the respective Departmental Head of Account. The template of the tender document can be had from this Directorate on request. For other technical guidance, the Directorate of Information Technology may be contacted in the phone numbers 2231294/2231293/2246190.

10. This may be treated as MOST IMMEDIATE.

L. Kumar
16/7/08
(L. KUMAR)
DIRECTOR

Encl: As above.

To

1. All Secretaries to Government, Puducherry.
2. All Heads of Departments, Puducherry.
3. The Regional Administrator, Karaikal/Mahe/Yanam.

GOVERNMENT OF PUDUCHERRY
DIRECTORATE OF INFORMATION TECHNOLOGY

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No.24/PSWAN-POP/DIT/D2/2007

Puducherry, the 13/05/2008

CIRCULAR

Sub: DIT - Terminating data circuit for PSWAN in the
Horizontal offices - Reg.

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M/s. BSNL has commenced the work on providing data circuits to the locations of the horizontal offices.

The department/office may terminate the data circuit in EDP centre/ location in which main network switch is housed for connecting the data circuit to the systems in the Local Area Network. The offices where there is no EDP centre, a secured location may be identified for terminating the data circuit.

L. Kumar
13/5/08
(L. KUMAR)
DIRECTOR (IT)

To

The Horizontal location offices,
Puducherry.