

**GOVERNMENT OF MANIPUR**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
4<sup>th</sup> Floor, West Block, New Secretariat, Imphal-795001  
Website: <http://ditmanipur.gov.in>, e-mail: [dit-mn@nic.in](mailto:dit-mn@nic.in)

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**NOTIFICATION**

Imphal, the 22<sup>nd</sup> March, 2016

No. 32/9/2016-DIT: Bids are invited from interested parties for connecting the State Wide Area Network (SWAN) Points of Presence (POPs) at the State HQ and District HQs to State Government offices on Optical Fiber Cables (OFC). The list of SWAN POPs at the State HQ and District HQs is at Annexure – I. The list of offices to be connected to the SWAN POPs is at Annexure – II. The number of Offices may be increased or decreased depending on the site feasibility and requirements from different Departments and the item requirement may increase or decrease accordingly. The scope of work is at Annexure – III. The Qualification Criteria of Bidders is at Annexure – IV. Terms and Conditions is at Annexure-V. Bill of Quantity is at Annexure VI.

2. Bids are to be submitted through e-Tender Portal i.e <http://manipur tenders.gov.in>. Details of submission timelines are as below:

- a. Last date of submission of bid - 11<sup>th</sup> April, 2016 at 1.00 PM
- b. Date of opening of Technical bid - 11<sup>th</sup> April, 2016 at 1.30 PM
- c. Date of opening of Financial bid - 12<sup>th</sup> April, 2016 at 1.30 PM

3. Bid documents may be seen/downloaded from <http://manipur tenders.gov.in>, <http://manipur.gov.in> and <http://ditmanipur.gov.in>. Changes, Corrigendum, etc, if any, will be uploaded at the 3 (three) portals mentioned above.

Yours faithfully,  
*Nambam Deben*  
(N. Deben)  
Additional Director (IT)

**Copy to:**

1. Commissioner (IT), Government of Manipur.
2. Special Secretary (IT), Government of Manipur.
3. State Informatics Officer, NIC, Manipur State Unit.
4. The Director (DIPR), Manipur.
  - It is requested to publish the same in 2 National dailies and 3 local dailies.

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**List of SWAN PoPs at SHQ and DHQ**

<b>Sl. No.</b>	<b>Name of District</b>	<b>Location</b>	<b>Type of POPs</b>
1	<b>State Centre</b>	NIC State Unit	State Hq. POP
2	<b>Bishnupur</b>	NIC Bishnupur	Dist. Hq. POPs
3	<b>Thoubal</b>	NIC Thoubal	Dist. Hq. POPs
4	<b>Churachandpur</b>	NIC Churachandpur	Dist. Hq. POPs
5	<b>Senapati</b>	NIC Senapati	Dist. Hq. POPs
6	<b>Ukhrul</b>	NIC Ukhrul	Dist. Hq. POPs
7	<b>Tamenglong</b>	NIC Tamenglong	Dist. Hq. POPs
8	<b>Chandel</b>	NIC Chandel	Dist. Hq. POPs

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**Name of the District: Imphal West**

**Name of the SWAN PoP: NIC State Head Quater**

Sl. No	Name of the Office
1	Office of the Deputy Commissioner, Lamphelpat. Imphal West
2	Office of the Sub Divisional Officer, Lamshang, Imphal west.
3	Office of the Sub Divisional Officer, Patsoi, Imphal west.
4	Directorate of Employment Exchange, Lamphelpat, Imphal West
5	District Employment Exchange, Imphal West
6	Special Employment Exchange for Handicapped persons, Lamphel
7	Office of the Sub-Registrar, Lamphel
8	Office of Settlement & Land Record, Lamphel
9	Office of the Chief Electoral Office, Lamphel
10	Office of the Election, Lamphel
11	Office of the Election, DC Complex
12	District Social Welfare Officer, IW
13	District Programme Officer, IW
14	Directorate of Treasuries & Accounts, Lamphel DC
15	Medical Directorate
16	Directorate of Education (S), Lamphelpat, Imphal West
17	Office of Imphal Treasury
18	Office of the Imphal Sub- Treasury
19	Office of the PWD
20	Office of the PHED
21	Office of the Education (u)
22	Office of the Transport (IW)
23	Office of the DIPR
24	Directorate of Social Welfare
25	ZEO Office, Khuyathong
26	Imphal Municipality Council
27	Directorate of CAF&PD
28	Planning
29	Irrigation & Flood Control Department
30	Government Advocate office
31	Assembly Secretariat
32	Family Welfare
33	Passport office
34	Fishery
35	Economics and Statistic
36	Cooperation

37	Commerce & Industry
38	Manipur Aid Control Society
39	Minor Irrigation
40	Weight and Measurement
41	MSPDCL
42	MSPCL
43	Adult Education
44	Accountant General
45	Police Head Quarter
46	SAT
47	Science and Technology
48	MASTEC
49	Printing and Stationary
50	SSA
51	RAMSA
52	Fire Service
53	Agriculture
54	Art and Culture
55	CADA
56	Craftsmen Training
57	Excise
58	Labour
59	Technical Education
60	Loktak Development Authority
61	MANITRON
62	Manipur Pollution control Board
63	MPSC
64	Manipur State Co-operative Bank
65	NRHM
66	PMGSY
67	High Court
68	Family Court
69	RIMS Hospital
70	Imphal P.S.
71	Women P.S. (IW)
72	City P.S.
73	Lamphel P.S.
74	Patsoi P.S.
75	Border Affairs
76	Mayang Imphal P S
77	Lamsang P S
78	Singjamei P S
79	Anti-Human Trafficking Unit
80	Special Juvenile Police Unit

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**Name of the District: Senapati**

**Name of the SWAN PoP: NIC Senapati**

<b>Sl. No</b>	<b>Name of the Office</b>
1	Office of the District Employment Exchange, Senapati
2	District Supply Office, Senapati
3	Zonal Education Office, Senapati
4	Social welfare Officer, Senapati
5	District Election Office, Senapati
6	District Programme Officer, Senapati
7	Office of the Sub-Deputy Collector, Senapati
8	Office of the District Treasury, Senapati
9	District Hospital, Senapati
10	District Immunization office, Senapati
11	District Treasury Office, Ukhrul
12	Office of the Sub Divisional Officer, Ukhrul
13	SP, Senapati
14	PS Senapati
15	Women PS
16	Anti-Human Trafficking Unit(PS)

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**Name of the District: Tamenglong**

**Name of the SWAN PoP: NIC Tamenglong**

Sl. No	Name of the Office
1	Office of the Sub Divisional Officer, Tamenglong
2	District Supply Officer, Tamenglong
3	Zonal Education Office, Tamenglong
4	District Election Office, Tamenglong
5	Employment Exchange office, Tamenglong
6	DSWO, Tamenglong
7	RD&PR, BDO, Tamenglong
8	District Hospital, Tamenglong
9	PHED, Tamenglong
10	Office of the PWD, Tamenglong
11	CMO, Tamenglong
12	Women PS
13	SP, Tamenglong
14	PS Tamenglong
15	Women PS

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Name of the District: Bishnupur

**Name of the SWAN PoP: NIC Bishnupur**

Sl. No	Name of the Office
1	Office of the Sub Divisional Officer, Bishnupur
2	District Supply Officer, Bishnupur
3	Zonal Education Office ,Zonal-IV, Bishnupur
4	Social Welfare Officer, Bishnupur
5	Office of the Election, Bishnupur
6	Office of the District Transport Officer, Bishnupur
7	Settlement & Land Record Office, Bishnupur
8	Employment Exchange, Bishnupur
9	RD&PR, BDO, Bishnupur
10	Municipality Council, Bishnupur
11	Municipality Council, Ningthoukhong
12	Office of the Sub- Registrar, Bishnupur
13	District Programme Officer, Bishnupur
14	Office of the District Treasury, Bishnupur
15	Office of the chief Medical officer, Bishnupur
16	SP, Bishnupur
17	Bishnupur PS
18	Women PS
19	Anti-Human Trafficking Unit(PS)

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**Name of the District: Chandel**

**Name of the SWAN PoP: NIC Chandel**

Sl. No	Name of the Office
1	Zonal Education Office ,Chandel
2	Office of the RD&PR, Chandel
3	Office of the Election
4	Sub- Divisional Officer, Chandel
5	Office of the Employment Exchange
6	District Social Welfare Officer, Chandel
7	District Supply Office, Chandel
8	Office of the District Treasury, Chandel
9	Office of the Chief Medical Officer, Chandel
10	District Bungalow Office, Chandel
11	District Hospital, Chandel
12	District Forest Officer, Chandel
13	Superintendent of Police, Chandel
14	Dy. SP (Telecom)
15	United College
16	Chandel Police Station
17	Women PS
18	Anti- Human Trafficking Unit(PS)



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Name of the District: Imphal East

Name of the SWAN PoP: State Head Quarter

Sl. No	Name of the Office
1	Office of the Sub Divisional Officer Porompat
2	Office of the Employment Exchange, IE
3	District Social Welfare Officer , IE
4	Zonal Education Office, Zone II
5	Office of the Sub-Registrar, Imphal East
6	District Supply Office, Imphal East
7	District Election Office, DC complex
8	Election Office, SDO, Porompat
9	Office of the District Treasury, Imphal East
10	Department of Taxes, Imphal East
11	Office of the chief Medical officer, Imphal East
12	Census ,Imphal East
13	Statistic, Imphal, East
14	RD&PR, Imphal East
15	SP, Imphal East ,Imphal East
16	Environment and Ecology, Imphal East
17	Sericulture, Imphal East
18	Jnims Hospital
19	Porompat P.S.
20	Women P.S. (IE)
21	Sekmai P.S.
22	CC higher secondary
23	Ananda Higher Secondary

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**Name of the District: Churachandpur**

**Name of the SWAN PoP: NIC Churachandpur**

Sl. No	Name of the Office
1	Office of the Sub Divisional Officer, Churachandpur
2	Office of the District Employment Exchange, Churachandpur
3	District Supply Office, Churachandpur
4	Zonal Education Office, Churachandpur
5	District Election Office, Churachandpur
6	District Transport office, Churachandpur
7	District Program officer
8	Office of the district welfare officer
9	Office of the District Treasury, Churachandpur
10	Office of the Superintendent of Taxes, Churachandpur
11	Office of the chief Medical officer, Churachandpur
12	Churachandpur PS
13	SP, Churachandpur
14	Woman PS
15	Anti- Human Trafficking Unit(PS)
16	Parbung PS at DHQ
17	Sangaikot PS at DHQ

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**Name of the District: Thoubal**

**Name of the SWAN PoP: NIC Thoubal**

<b>Sl. No</b>	<b>Name of the Office</b>
1	Sub Divisional Officer ,Thoubal
2	District Supply Officer, Thoubal
3	Zonal Education Office, Zone-III, Thoubal
4	Sub Registrar Office, Thoubal
5	Chief Medical Officer, Thoubal
6	Office of the Election, SDO, Thoubal
7	Employment Exchange, Thoubal
8	District Transport Office
9	Office of the RD& PR, Thoubal
10	Thoubal Municipality Council
11	District Social Welfare Officer
12	District Programme Officer, Thoubal
13	Office of the Election, DC, Thoubal
14	Office of the District Treasury, Thoubal
15	RD&PR
16	Land Records & Settlement ,Thoubal
17	Andro P S
18	Thoubal PS
19	Yairipok PS
20	Thoubal Dam P S
21	Woman P S
22	Anti-Human Trafficking Unit
23	SP, Thoubal

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**Name of the District: Ukhrul**

**Name of the SWAN PoP: NIC Ukhrul**

Sl. No	Name of the Office
1	Office of the Sub Divisional Officer, Ukhrul
2	Office of the District Supply Officer, Ukhrul
3	Office of the District Employment Exchange ,Ukhrul
4	Zonal Education Office, Ukhrul
5	District Election Office, Ukhrul
6	Office of the RD&PR, BDO, Ukhrul
7	Office of the district welfare officer, Ukhrul
8	District Program officer, Ukhrul
9	Office of the Chief Medical Officer, Ukhrul
10	District veterinary office, Ukhrul
11	District Treasury Office, Ukhrul
12	Office of the Sub Divisional Officer, Ukhrul
13	SP, Ukhrul
14	PS Ukhrul
15	Women PS
16	Anti-Human Trafficking Unit(PS)

**SCOPE OF WORK FOR CONNECTING SWAN POPs TO STATE GOVERNMENT OFFICES AT STATE HQ AND DISTRICT HQ.**

1. All offices of the Government of Manipur in Imphal West and Imphal East are to be connected to the State Wide Area Network (SWAN) Network Operating Centre (NOC) at the State Data Centre.
2. All offices of the Government of Manipur at the District HQs other than Imphal West and Imphal East will be connected to the respective SWAN Point of Presence (POP) at the District HQ.
3. Last mile connectivity to each office will be on Optical Fiber Cable (OFC) and using Gigabit Passive Optical Network (GPON)/ Ethernet Passive Optical Network (EPON) Technology.
4. The proposed Network will provide data and voice/video connectivity.
5. The Bidder is expected to visit and examine the locations of Government offices as necessary and its surroundings and obtain all information that may be necessary for preparing the Bid at their own interest and cost.
6. The Optical fiber Cable at the State HQ will be of minimum 6 pairs.
7. The estimated OFC length which will be deployed in Imphal East and Imphal West in rings to cover all the areas where Government offices are present is approximately 35 Kms. Bidders are advised to bid Unit prices of Optical Fiber Cable so that in case of any incremental requirements, the expansion may be taken up at the same rate.
8. The Optical fiber Cable at the District HQ will be of minimum 2 pairs.
9. The estimated OFC length at the District is 10 km. Bidders are requested to bid Unit prices of Optical Fiber Cable so that in case of any incremental requirements, the expansion may be taken up at the same rate.
10. Wherever connectivity can be established by using Unshielded Twisted Pair (UTP) within a distance of about 60-80 mts., OFC connectivity may not be deployed.

11. The Operator shall be responsible for end-to-end implementation of the Manipur SWAN horizontal connectivity and shall quote and provide/ supply any item(s) of latest make and model (item (s) should be Dual Stack and should include all necessary hardware and software component to support IPv6).

12. The Vendor responsibility shall include the following tasks:

- a. Round the clock Network Monitoring
- b. Network Performance Management
- c. Network Fault Management
- d. Link Management
- e. Operational Liaison with Bandwidth Service Providers
- f. Quarterly MIS Report generation and submission.
- g. Preventive maintenance, etc.
- h. User Issue log and resolution.

**QUALIFYING CRITERIA**

1. The bidder should have an annual turnover of **Rs. 1 Crore** and above in any year during the last three financial years of 2012-13, 2013-14, and 2014-15.
2. The bidder should have an authorization from the Original Equipment Manufacturer/ service provider (OEM) for selling and supporting the components/ services offered.
3. The bidder must be a firm registered in India for the last two years as on date of submission of bid.
4. The bidder shall be an Internet Service Provider (ISP) or a franchisee of an ISP engaged in offering internet connection for the last 2 years.
5. The bidder should have atleast 2 year experience in Setting-up, Operation & Maintenance of OFC based WANs with atleast 100 nodes.
6. The bidder should have an office in Manipur with a minimum number of manpower as under:
  - a) 6 manpower for OFC splicing
  - b) 2 System Administrator
  - c) 4 Network Engineers
7. The bidder should submit a declaration stating that they are not debarred/blacklisted by any State Government, Central Government, Central & State Govt. Undertakings/enterprises/Organizations.
8. The Bidder should have valid VAT/ TIN registration certificate. A copy of which should be enclosed.
9. The bidder should submit the audited annual statements of income and expenditure for the last 3 financial years certified by Chartered Accountant.
10. The bidder should be a member of the Indian Broadband Forum / an authorized Franchisee of a company which is a member of the Indian Broadband Forum.

**Terms and Conditions**

1. The bidder should furnish Tender a Fee of Rs. 10,000/- (Rupees ten thousand only) along with the bid. Tender Fee should be submitted in the form of the Bank Draft/Banker's Cheque of any Scheduled Bank drawn in favour of 'Additional Director (IT), Government of Manipur payable at Imphal only.
2. The bidder should furnish Earnest Money Deposit (EMD) of Rs. 1,00,000/- (Rupees One Lakh only) along with the bid. EMD should be submitted in the form of Bank Guarantee of any Scheduled Bank drawn in favour of 'Additional Director (IT), Government of Manipur payable at Imphal only. EMD submitted in any other form or bid without EMD will be summarily rejected.
3. EMD of the successful bidder will be retained as performance security till 90 Days after completion of Project and will be forfeited in case of failure to execute the Project. The successful bidder should extent the validity of the Bank Guarantee upto 1 year and 9 months.
4. The Bid will be inclusive of all applicable taxes of On-site Comprehensive Maintenance cost of 1 year of connected offices at the State HQ and District HQs from the date of commissioning. On-Site Comprehensive Maintenance Cost is to be indicated separately for extension after first year if necessary.
5. Response to and resolving of any connectivity issues should be within 4 hours at the State HQ and 2 days for the District HQs. In case of default, penalty will be deducted from the Maintenance Cost @ Rs. 500 per node per day
6. Penalty will be upto a maximum of 10% of the Annual Maintenance Cost.
7. Payment of Comprehensive Maintenance cost will be on basis of Half-Yearly basis.
8. The successful bidder will co-ordinate with the other Agencies of Project such as NIC, Government Departments, Bandwidth service Providers/Network equipment suppliers and DIT, Manipur for commissioning of the Horizontal offices.
9. For those item (s) which are not included in the bill of materials, but required for successful implementation and commissioning of the network as well as its management. The bidder may include the same under Additional Items.



10. The successful bidder will set-up a Network Operations Center (NOC) at DIT, Manipur or any location identified by DIT, Manipur. The successful bidder will provide the following manpower to be attached with DIT, Manipur for maintenance of the NOC and the network:
  - i. 1 (one) Network Administrator
  - ii. 4 (four) Network Engineers who will also take care of the OFC splicing requirement.
11. The successful bidder will also provide 2 Network Engineers at the each District for operation and maintenance of the network at the District Head Quarter. The 2 numbers of Network Engineers will report to the concerned e-District Manager and will be attached to the office of the concerned e-District Manager.
12. The successful bidder will also provide NMS service for monitoring of the entire network and should be able to generate various reports at the request of the State Government.

**Bill of Quantity**

Annexure-VI

SL.NO	Description	Rate	Quantity	Amount
1	6 Pair OFC		35000 mts	
2	2 Pair OFC		70000 mts	
3	Installation of 6 Pair OFC		35000 mts	
4	Installation of 2 Pair OFC		70000 mts	
5	CAT 6 UTO cable			
6	OLT for State Head Quarter		1	
7	OLT for District Head Quarter		7	
8	ONU			
9	MDU			
10	Router for the State Head Quarter		1	
11	Router for the District Head Quarter		7	
12	Connection of office on OFC from MAIN OFC cable (Including OFC and necessary equipments)			
13	Connection of office on UTP LAN node (Include all types of cables/cabling and accessories)			
14	Termination Box			
15	OFC patch cord			
16	Couplers, ,			
17	Splitter			
18	NMS software			
19	NMS server			
20	FMS Box			
21	Lock Inline Splice Closure Handel			
22	Dome Splice Closures			
23	Fiber optic cable clamp			
24	Manpower for District Head Quarters		14	
25	Network Administrator for State Head Quarter		1	
26	Network Engineer for State Head Quarter		4	
27	Additional Items (If any)			
28	Comprehensive Annual Maintenance Cost of the entire network			
29	Comprehensive Annual Maintenance Cost for OFC node			
30	Comprehensive Annual Maintenance Cost for UTP node			