



অসম লোকসেৱা আয়োগ
ASSAM PUBLIC SERVICE COMMISSION
Jawaharnagar, Khanapara, Guwahati-781 022

No. 4PSC/Comp-11/2018-2019

Dated Guwahati 23rd April 2018

**NOTICE INVITING TENDER FOR SUPPLY, INSTALLATION & COMMISSIONING
OF LOCAL AREA NETWORKING (LAN) IN APSC BUILDING**

Sealed tenders affixing Court Fee Stamp of Rs. 8.25 (Rupee eight and twenty five paise) only are invited from the registered and well experienced firms for installation & commissioning of Local Area Network (LAN) and supply of related hardware in the office of the Assam Public Service Commission. The intending firms must submit in details their experiences in this line with various organizations.

Interested parties may inspect the site in the APSC Building during office hours in consultation with the Computer Section Assam Public Service Commission before submission of the quotation. Quotations complete in all respect should reach the undersigned on or before 15/05/2018.

Details of tender may be downloaded from the Commission's official website www.apsc.nic.in

Sd/-
Secretary
Assam Public Service Commission
Jawaharnagar, Khanapara, Guwahati-22

DETAILS NOTICE INVITING TENDER FOR SUPPLY, INSTALLATION & COMMISSIONING OF LOCAL AREA NETWORKING (LAN) IN APSC BUILDING

INVITATION FOR QUOTATIONS

This invitation of Quotations is for Supply and installation/laying of active and passive components/equipment for local area networking of Assam Public Service Commission (APSC) and commissioning with the objective of interconnecting all the desktop personal computers/Servers/Other IT Infrastructure to harness the benefit of latest developments of Information Technology.

Tenderers are advised to study the Tender Document carefully. Submission of Tender shall be deemed to have been done after careful study and examination of the Tender Document with full understanding of its implications.

The Tenderer must be a company/a entity registered under the Indian Companies Act, 1956.

The Committee reserves the right of accepting and/or rejecting any/all Quotations without assigning any reasons thereof.

This authority is not under any binding to accept the lowest price quoted by the firms.

INSTRUCTIONS TO TENDERERS

1. Procedure for Submission of tender

Sealed tenders affixing Court Fee Stamp of Rs. 8.25 (Rupee eight and twenty five paise only) are invited from the registered and reputed vendors for supply, installation & commissioning of Local Area Networking (LAN) in Assam Public Service Commission (APSC) from reputed organizations having sufficient experience and credentials for successful supply, installation and commissioning of Networking and peripherals preferably in government organizations. Vendor should be capable of supplying, Installation & Commissioning of the LAN under this tender.

2. Documents Comprising the Quotations

The Quotations prepared by the Tenderer shall comprise of the following components:

- a. Bid Particulars
- b. Detailed technical Proposal
- c. Vendor Profile
- d. Pre-qualifying Technical Competence such as proven experience in providing Similar Services for determining pre-qualification conditions.

3. Conditions for Pre-Qualification of Tenderers

The Tenderer should clearly indicate, giving explicit documentary evidence

3.1) **Domain Experience:** The Tenderer should be in the business of supply, installation & commissioning of LANs for at least three years. The Tenderer should have proven experience of successfully completing at least two projects.

3.2) **Technical Support Facility:** The Tenderer should have technical support office in the Guwahati region. Details & proof of service facilities for Technical Support on services, maintenance and availability of hardware components and manpower be attached.

3.3) The Tenderer should be authorized partner/distributor or have Authorization from concerned Original Equipment Manufacturers (OEMs) for supply and support for all active and passive components quoted (Authorization Certificates to be attached).

3.4) The firm should be registered with GST (Goods & Services Tax) Commission and should submit a copy of GST Registration Number.

3.5) The firm must have expertise and experience in LAN troubleshooting and must have executed AMC of at least one Government organizations (Government Departments, Commissions and PSUs etc).

3.6) The firm should submit the complete list of the engineers on the rolls of the firm with qualifications & experience as well as list of engineers whom they will be able to provide to this office in case they are selected in the tender.

3.7) The address of the workshop with Email ID, Contact No. and Fax Nos. in Guwahati should be furnished.

3.8) The firm should submit trade license based in Assam.

3.9) IT return for the Assessment year 2015-2016, 2016-2017 & 2017-2018 to be submitted.

3.10) Security Deposit of Rs. 2,00,000/- to be deposited in the form of BG/TDR.

Only the firms meeting the above technical terms & conditions should submit their quotations in sealed cover.

GENERAL CONDITIONS OF CONTRACT

1. Standards of Performance

The Contractor shall perform the Services and carry out it's obligations under the Contract with due diligence, efficiency and economy, in accordance with generally accepted techniques and practices used in the industry and with professional engineering and consulting standards recognized by international professional bodies and shall observe sound management, engineering practices. It shall employ prudent technical and engineering practices. It shall employ advanced technology and safe and effective equipment, machinery, material and methods. The Contractor shall always act, in respect of any matter relating to this Contract, as faithful advisors to the Client and shall, at all times, support and safeguard the Client's legitimate interests in any dealings with Third Parties.

2. Warranty

The Tenderer warrants that the Goods supplied under this Contract are new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract.

3. Documentation

The Tenderer shall supply the following documents after completion of the project:

- Complete set of Technical/Operation and Maintenance Manual
- An inventory of items delivered.
- Rack wise inventory
- Node & connectivity details
- Switch installation Report
- UTP/OFC Wiring diagram

4. Training

The Tenderer shall provide necessary training to the persons authorized by the client for using/maintaining the Networking facility.

5. Terms of Payment

Payments will be made after completion of the entire job only duly certified to have been completed and authenticated by the Programmer of this office. Bills in qudra-duplicate should be submitted to the Secretary Assam Public Service Commission. No advance payment will be made.

TECHNICAL SPECIFICATION

1. Intent of Specification

This tender document pertains to implementation of local area networking.

The proposed Local area network of APSC offices shall have around 120 nodes which may be expanded as per requirements.

2. Scope of Work

2.1 The scope of work in this tender covers networking of desktop computers/IT Peripherals located at 3 blocks of Assam Public Service Commission, Jawaharnagar, Khanapara, Guwahati-22

2.2. The internetworking of blocks is proposed to be done by the Fibre Optic cable between the 3 buildings.

2.3. The scope covers design/development of a suitable architecture/layout of the proposed networking system, preparation of bill of materials, pre-despatch inspection/testing, packing and forwarding, transportation, insurance and carrying out further activities at sites viz. unloading, storage, (space to be provided by the owner) further handling, erection, testing and commissioning including successful completion of acceptance tests and any other services specified.

2.4 Scope of Work shall also include:

- A. Powering on equipment after ensuring correctness of terminations interfaces and power supply and making the system ready for testing and commissioning.
- B. Testing of LAN Cables after laying, terminations and ferruling at both the ends. All testing tools and instruments shall be brought by the bidder and taken back after the testing.
- C. Configuration of the equipment as per the requirements of APSC including Network segmentation, VLAN and Network Monitoring.
- D. Field testing and commissioning of system.
- E. Site acceptance tests to establish satisfactory performance of the equipment's as per specs.
- F. Assistance for familiarization and operation of the installed system & services for 6 months after acceptance of system.
- G. Training to Owner's personnel.

3. General Technical Requirements

Equipment furnished shall be complete in every respect with all mountings, fittings, fixtures and standard accessories normally provided with such equipment's and/or needed for erection, completion and safe operation of the equipment's as required by applicable codes though they may not have been specifically detailed in the technical specification, unless included in the list of exclusions. All similar standard components/parts of similar standard equipment's provided, shall be inter-changeable with one another.

All equipment, accessories and cables supplied under this contract shall be in accordance with the latest applicable recommendations, regulations and standards of:

- CCITT/ITU
- ANSI
- IEC
- IEEE
- IETF
- EIA/TIA 568 Standards
- International Electro-technical Commission (IEC)
- cable (OFC and Cat 6) and cable accessories (OFC and Cat6)UL Listed and verified

For parameters not covered under the above codes, internationally acceptable standards shall be accepted.

All interconnecting cables required to connect the communication equipment shall be furnished. All cables shall be fully assembled connector pre-terminated and factory tested as part of overall system checkout. Cables shall be neatly & properly tied up and dressed using appropriate cable hangers and Velcro bands. All the cables, connectors, sockets, panel's etc. shall be labelled for identification purpose.

The Tenderer shall also be responsible for deputing qualified personnel for installation, testing, commissioning and other services under his scope of work as per this specification. All required tools and tackles for completing the scope of work as per the specification is also the responsibility of the party.

The exact sitting of equipment's and cable routing shall be determined by the contractor in consultation with APSC computer section. The contractor shall prepare his proposed cable routing diagram and estimate the quantities for cable, conduit and channels.

The Tenderer shall furnish one complete sets of system and equipment instruction manuals and detailed installation operating and maintenance documentation along with the softcopy for the same. Manuals shall describe system operation, shall include detailed system and components description and shall cover the installation, operation, care and maintenance of all system components including diagnostics.

The Tenderer shall furnish complete, well-fabricated and reliably operating and secure systems as described in this document. Design and selection of equipment and software shall be consistent with the requirements of long term trouble free operation with highest degree of reliability and maintainability. All equipment shall be constructed to operate safely without undue heating, vibration, wear, corrosion, electromagnetic interference or similar problems and all software shall be proven, tested and reliable.

4. Specifications

The proposed network has to meet the following specifications:

S.L. No	Item Description
1	Cat6 UTP Cable 305M
2	I/O Box with SMB
3	24 10/100/1000Base-T ports + 4 SFP ports Web Smart Switch
4	24-Port 10/100Mbps with 4-Port 10/100/1000Mbps Copper (2 Combo SFP Smart Switch)
5	9u Rack with standard accessories
6	6u Rack with standard accessories
7	6 core fiber optic cable single mode
8	Single mode Media converter
9	Fiber optic Patch cord 3 mtr.
10	Fiber Terminal Box
11	Fiber Joint Kits
12	Cat6 UTP Patch cords 2 mtrs. (70 Units)
13	1 VA offline UPS
14	1" PVC pipe
15	1.5" PVC pipe
16	¾" PVC pipe
17	16AMP switch & 5 pin socket
18	2 mm multi stand wire

VENDOR PROFILE**Annexure-A**

1	Name of the Firm/Company	
2	Year Established	
3	Address of Office	
4	Phone No.	
5	Fax No.	
6	E-mail Address	
7	Website	
8	Names of Govt. Deptt/Public Sector/Pvt. Sector/International clients to whom the tenderer has provided similar services to	
8.1		
8.2		
8.3		
8.4		
8.5		
9	No. of full time Tech. personnel currently on roll	
10	No. of years of Proven experience of providing similar Services	
11	Annual turnover Audited Annual turnover of the company in Rs. During last two years	
11.1	Turnover 2016-2017 FY	
11.2	Turnover 2017-2018 FY	
12	Various Ceritifications (ISO Certificaton/Six Sigma/ Nasscom/DOT Registered)	

Dated this day of 2018

Signature of Tenderer

Name & Designation

Company Seal

Check list

Please check whether following have been enclosed.

Pre-Qualification of Tenderers

Evidence for experience	Yes/No	<input type="checkbox"/>
Evidence of Turn over	Yes/No	<input type="checkbox"/>
Technical Support facility details	Yes/No	<input type="checkbox"/>
MOA, AOA and commencement of Business Certificate	Yes/No	<input type="checkbox"/>
Authorization certificates from OEM	Yes/No	<input type="checkbox"/>
Vendor Profile (Annexure A)	Yes/No	<input type="checkbox"/>
List Tech. personnel currently on roll	Yes/No	<input type="checkbox"/>