

**Government of West Bengal  
District eGovernance Society  
Office of the District Magistrate  
New Administrative Building  
Rishi Bankim Sarani  
Barasat, North 24 Parganas  
Kolkata-124**

**TENDER DOCUMENTS**

For

**(A) Supply of LAN EQUIPMENTS  
(B) Supply of OFC alongwith accessories & Laying between  
CIRCUIT HOUSE and MINORITY AFFAIRS BUILDING.**

ON

**RATE CONTRACT BASIS  
(For the year 2012-13)**

NIT No. G-16014(11)/1/2012-GEN/18338

Date : 11/06/2012

LOT No.	
NAME & ADDRESS OF THE BIDDER	
TENDER FEE DD NO.	
NAME WORKS	

**NAME OF WORK**

**(A) Supply of LAN EQUIPMENTS,  
(b) Supply of OFC along with accessories & Laying between CIRCUIT HOUSE and MINORITY  
AFFAIRS BUILDING.**

**Earnest Money** : ₹ 5000/- [Rupees Five Thousand Only]

**Tender Fee** : ₹ 500/- [Rupee Five Hundred only]

Note : Bidder who wants to quotes the rates, has to apply each LOT separately and tender cost and EMD is also to be enclosed for the all the proposal.

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Read, understood & complied with  
Signature of the Tendered

**Government of West Bengal  
District eGovernance Society  
Office of the District Magistrate  
New Administrative Building  
Rishi Bankim Sarani, Barasat  
North 24 Parganas**

**NOTICE INVITING TENDER**

NIT No. **G-16014(11)/1/2012-GEN /18338**

Date : **11.06.2012**

Properly sealed tenders are invited from Kolkata based reputed Manufacturers/Dealers/Supplier for (A) Supply of LAN EQUIPMENTS and (B) Supply of OFC along with accessories & Laying between CIRCUIT HOUSE and MINORITY AFFAIRS BUILDING for the Year 2012-13 on rate contract basis as shown in the annexure to Bid document in Two separate LOTS, on as and when requirement basis on two envelope system.

**LOT-I. For Supply of LAN EQUIPMENTS**

- (a) Bid has to be submitted on TWO –ENVELOPE basis; First envelope (technical Bid) should carry the filled format as per Section-II and III. Tender Cost and EMD (Earnest Money Deposit) in the form of demand draft is also to be enclosed in the Sealed Envelope–I. In absence of tender cost and EMD, tender will be summarily rejected.
- (b) Price Proposal as per Section-VII (LOT-I) is to be enclosed in the Sealed Envelope –II.

**LOT-II. Supply of OFC alongwith accessories & Laying between CIRCUIT HOUSE and MINORITY AFFAIRS BUILDING.**

- (a) Bid has to be submitted on TWO –ENVELOPE basis; First envelope (technical Bid) should carry the filled format as per Section-II and III. Tender Cost and EMD (Earnest Money Deposit) in the form of demand draft is also to be enclosed in the Sealed Envelope–I. In absence of tender cost and EMD, tender will be summarily rejected.
- (b) Price Proposal as per Section-VII (LOT-II) is to be enclosed in the Sealed Envelope –II.

Bidder who wants to quotes the rates for the all the LOTs, has to apply each LOT separately and tender cost and EMD is also to be enclosed for the all the proposal.

1. Period of contract : One year from the date of award of work.
2. EMD : Rs.5000/- [Rupees Five thousand only]
3. Mode of payment : Tender document is downloadable from <https://north24parganas.gov.in> and the cost of the tender documents of Rs.500/- is required to be paid in the form of crossed DD drawn in favour of "District eGovernance Society, North 24 Parganas". EMD is also to be paid in the form of Crossed Demand Draft issued by a scheduled bank, drawn in favour of 'District eGovernance Society, North 24 Parganas'.
4. Pre-Bid Meeting : Pre-Bid meeting shall be held on 25.06.2012 at 16.30 Hours in the NIC VC room, DM Office, New Administrative Building, Barasat, North 24 Parganas.
5. Time & last date of submission of Bid : 14.00 Hrs of 02-07-2012
6. Time & Date of Bid opening : 16.30 Hrs of 02 -07-2012
7. It is mandatory that the intending tenderer shall be able to supply all the items put to tender and hence they have to quote for all the items in particular LOT, failing which the tender is liable for rejection. The Bidder should have the option to quote for all items against table A, B & C or for the all items against at least one table either A or B or C against LOT-I.
9. The tender, which is not accompanied by the requisite EMD, shall be summarily rejected. Tender will not be accepted/ received after expiry date & time. District eGovernance Society, North 24 Parganas reserves the right to reject any or all tenders without assigning any reason what-so-ever.
10. The rate should be exclusively for 'District eGovernance Society, North 24 Parganas'.
11. The technical/commercial bids should be in two separate sealed covers clearly marked as 'TECHNICAL BID' and 'COMMERCIAL BID'. The bid has to be accompanied by an Earnest Money Deposit (EMD) of Rs.5000/- (Rupees Five Thousand only) in the form of a demand Draft in favour of 'District eGovernance Society, North 24 Parganas', Payable at Kolkata. Such Draft should be in separate third cover marked as 'EARNEST MONEY DEPOSIT'.

- The TECHNICAL BID should include the following information along with valid documents and should not contain any commercial quotes.

**Contd. .... P/2**

- a) Tenderer profile as per section-III
  - b) Details of Past Experience(with supporting documents)
  - c) Call centre details for post sale service
  - d) Authorization of OEM/OEMs for the items quoted
  - e) Bidder response of Technical specification vide annexure-X
- The COMMERCIAL BID should contain the rate against each item separately. The quoted unit rate will be considered for evaluation purpose.
  - Technical and Commercial bids should be in clear words, categorically mentioning each and every terms specifying the rates, etc. Any kind of ambiguous/ obscure/ unclear terms would lead the firm's bid being disqualified.
12. The rates quoted should be legible. Pencil entries and over written entries shall be rejected.
  13. The offers which do not conform to the conditions laid down in the tender notice shall not be considered.
  14. District eGovernance Society, North 24 Parganas reserves the right to disqualify such bidders who had a record of not meeting the contractual obligations against earlier contracts entered into with the authority.
  15. In case bidder has any query they can contact to the following persons.
    - a) Mr. Randhir Kumar, IAS, ADM(G) 033-25846205, 9830200977, [adm24p@gmail.com](mailto:adm24p@gmail.com)
    - b) Mr. B.Chakraborty, SSA (033-25846241, 9434308385, [dio-nprg@nic.in](mailto:dio-nprg@nic.in))



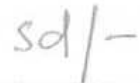
**District Magistrate  
&  
Chairman  
District eGovernance Society  
North 24 Parganas**

No. G-16014(11)/1/2012-GEN /18338(6)

Date : 11.06.2012

Copy forwarded for information and wide publication through notice board :-

1. The Addl. District Magistrate (D), Zilla Parishad, North 24 Parganas
2. The Addl. District Magistrate (LR), L&LR, North 24 Parganas
3. All SDOs, North 24 Parganas
4. The DIO, NIC, North 24 Parganas to upload in the district website
5. The Dy. Director, I&CA, North 24 Parganas
6. The NDC, North 24 Parganas



**District Magistrate  
&  
Chairman  
District eGovernance Society  
North 24 Parganas**

SECTION-II

**BID FORM**

To

**The Chairman  
District eGovernance Society  
New Administrative Building  
Rishi Bankim Sarani, Barasat  
North 24 Parganas  
Kolkata-124**

Sir,

Having examined the conditions of contract & specification including addenda No..... the receipt of which is hereby duly acknowledged, I/we the undersigned, offer for **(A) Supply of LAN EQUIPMENTS and (B) Supply of OFC alongwith accessories & Laying between CIRCUIT HOUSE and MINORITY AFFAIRS BUILDING (\*)** in conformity with, conditions of contract & specification.

We undertake, if our Bid is accepted, to execute the work in accordance with specifications, time limits, terms & conditions stipulated in the tender document.

If our Bid is accepted, we shall submit the securities as per the conditions mentioned in the contract.

We agree to abide by this Bid for a period of 120 days from the date fixed for Bid opening (Qualifying Bid) and it shall remain binding upon us and may be accepted at any time before the expiry of that period.

Until a format Agreement is prepared & executed, this Bid together with your written acceptance thereof in your notification of award shall constitute a binding contract between us.

Bid submitted by us is properly sealed & prepared so as to prevent any subsequent alteration & replacement.

Dated this ..... day of.....

Signature of Authorized

Signatory.....

In the capacity of.....

Duly authorized to sign the Bid for and on behalf of

Read, understood & complied with  
Signature of the Tendered

\* Strikeout whichever is not applicable

SECTION-III

**TENDERER'S PROFILE**

1. Name of the Tenderer/firm (In Block Letters) \_\_\_\_\_
2. Name of the person submitting the tender Shri/Smt. \_\_\_\_\_ (In case of Proprietary/ Partnership firms, the tender has to be signed by Proprietor/Partner only, as the case may be)
3. Address of the Tenderer/firm  
.....  
.....  
.....
4. E-mail Address :
5. Telephonic details  
a) Office :  
b) Mobile :  
c) Fax) :  
d) STD Code :
6. a) Registration particulars of the firm if any, :  
or  
b) Valid Trade License :  
c) Profession Tax Clearance :
- Note : In case of registered firm, please attach attested copies of documents of registration/ incorporation of your firm with the competent authority as required by business law.
7. Name of Proprietor/Partners/Directors :
- 8 Permanent Account number :
9. VAT Registration No. if available :
10. Infrastructure capabilities :
11. Annual Turnover of the Firm :

I/We hereby declare that the information furnished above is true & correct.

Place :  
Date :

Signature of tendered/Authorized signatory.....

Name of the tendered.....

Read, understood & complied with  
Signature of the Tendered

## SECTION-IV

### Instructions to Bidders

#### Submission of Proposals (Methodology)

The Proposal shall be submitted in two separate envelopes – Part-I covering the Technical, Commercial (except AMC charges) and Qualification aspects hereinafter referred to as 'Technical Proposal' and Part II covering only the price schedules hereinafter referred to as the 'Price Proposal'. The two parts should be in two separate covers, each super-scribed with the name of the Project (Proposal for Procurement of items specified in the notice above well as "Technical Proposal" and "Price Proposal" as the case may be.

Documents comprising the Technical Proposal Envelope, should :

- (a) Comply with the TCC (Section-V)
- (b) Be accompanied by duly filled in Proposal Form (Section-II) and (Section-III) the forms must be duly signed by the vendor;

**Any Technical Proposal not containing the above will be rejected.**

**Any Technical Proposal containing any price information will be rejected.**

Documents comprising Price Proposal Envelope, should be :

- (a) Full Price Schedule of the Goods and/or System and/or Services Schedule of rates (Section-IV). Each copy of the Proposal should be in two parts, as mentioned below.

The vendors shall seal the "**Technical Proposal**" and "**Price Proposal**" separately and the same shall:

- (i) be addressed to the Chairman, **District eGovernance Society, North 24 Parganas** at the address given; and
- (ii) bear the Name "**(A) Supply of LAN EQUIPMENTS and (B) Supply of OFC alongwith accessories & Laying between CIRCUIT HOUSE and MINORITY AFFAIRS BUILDING FOR DISTRICT EGOVERNANCE SOCIETY, NORTH 24 PARGANAS**" and a statement : "DO NOT OPEN BEFORE 10.09.2010".

(Strike out whichever is not applicable)

Proposals must be received by **District eGovernance Society, North 24 Parganas** at the address specified, no later than the date & time specified in Request for Proposal.

## SECTION-V

### **TERMS & CONDITIONS OF CONTRACT (TCC)**

#### **1. Definitions**

**1.1.** In this Contract, the following terms shall be interpreted as indicated:

- (a) "The Goods" means all of the equipment, machinery, and/or other materials which the Supplier is required to supply to the DeGS-N24P;
- (b) "The DeGS-N24P" means District eGovernance Society, North 24 Parganas;
- (c) "The Services" means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training and other such obligations of the Supplier covered under the Purchase/Job Contract;
- (d) "TCC" means the Terms and Conditions of Contract contained in this section;
- (e) "The Supplier" or "the Vendor" means the individual or firm supplying or intending to supply the Goods and Services under this Contract; and
- (f) "The Project Site" means various branches/Administrative offices of District Magistrate, North 24 Parganas.

#### **2. Country of Origin**

- 2.1** All goods and related services to be supplied under the Contract shall have their origin in eligible source countries, as per the prevailing Import Trade Control Regulations in India.
- 2.2** For purposes of this clause, "origin" means the place where the goods are produced, or the place from which the related services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially-recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.

#### **3. Standards**

- 3.1** The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such standards shall be the latest issued by the institution concerned.

#### **4. Use of Contract Documents and Information**

- 4.1** The Supplier shall not, without the DEGS-N24P's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the



DEGS-N24P in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

- 4.2** The Supplier shall not, without the DEGS-N24P's prior written consent, make use of any document or information enumerated in this document except for purposes of performing the Contract.
- 4.3** Any document, other than the Contract itself, shall remain the property of the DEGS-N24P and shall be returned (in all copies) to the DEGS-N24P on completion of the Supplier's performance under the Contract, if so required by the DEGS-N24P.

## **5. Patent Rights**

- 5.1** The Supplier shall indemnify the DEGS-N24P against all third-party claims of infringement of license agreement, patent, trademark, or industrial design, intellectual property or copy rights etc. arising from use of the Goods or any part thereof in India.

## **6. Performance Security**

- 6.1** Within 7 days of the award of Purchase/Work order , the Supplier shall furnish to the DEGS-N24P, the Performance Security for an amount equivalent of amount of advance valid up to 60 days after the date of completion of performance obligations including warranty obligations. Provided that the DEGS-N24P may, having regard to the value and/or nature of the goods of the purchase contract and, at its sole discretion, waive the performance guarantee
- 6.2** The DEGS-N24P shall be at liberty to set off/adjust the proceeds of the performance security towards the loss, if any, sustained due to the supplier's failure to complete its obligations under the contract. This is without prejudice to the DEGS-N24P's right to proceed against the Supplier in the event of the security being not enough to fully cover the loss/damage.
- 6.3** The Performance Security shall be denominated in Indian Rupees and shall be in one of the following forms: (a) a bank guarantee issued by a reputable bank in India, acceptable to the DEGS-N24P, in the form provided in Bid Form and Other Formats; or (b) a Banker's Cheque/Demand Draft favoring "**District eGovernance Society, north 24 Parganas**".
- 6.4** The performance security will be discharged by the DEGS-N24P and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty or AMC obligations under the contract.
- 6.5** In the event of any contract amendment, the Supplier shall, within 7 days of receipt of such amendment, furnish the amendment to the Performance Security, rendering the same valid for the duration of the Contract, as amended for further period of 60 days thereafter. In the event of any correction of defects or replacement of defective equipment during the warranty period, the warranty for the corrected/replaced equipment shall be extended to a further period of 12 months. The performance guarantee for a proportionate value shall be extended by 60 days over and above the extended warranty period.

## **7. Inspection and Quality Control Tests**

**7.1** Inspection and Quality Control tests before evaluation, prior to shipment of Goods and at the time of final acceptance are as follows:

- (i) Inspection of Goods as per quality control formats including functional testing, burn-in tests and mains fluctuation test at full load, facilities etc., as per the standards may be done at factory site of the Supplier before award of the Purchase/Work Contract, by the DEGS-N24P/DEGS-N24P's Consultants; Provided that the DEGS-N24P may, at its sole discretion, waive inspection of goods having regard to the value of the order and/or the nature of the goods and/or any other such basis as may be decided at the sole discretion of the DEGS-N24P meriting waiver of such inspection of goods.
- (ii) The inspection of the Goods is to check whether the Goods are in conformity with the technical specifications mentioned in the Invitation for Quotation or the Quotation submitted by the Supplier. The Supplier will dispatch the goods to the ultimate consignee after internal inspection/testing alongwith the Supplier's inspection report, manufacturer's warranty certificate. The DEGS-N24P/DEGS-N24P's Consultants may also carry out pre-dispatch inspection. In such a case, the entire cost of such inspection, including the board, lodging, traveling, incidental expenses of the DEGS-N24P's representatives and/or Consultants, shall totally be borne by the Supplier, for the complete duration of the inspection. Successful conduct and conclusion of pre-dispatch inspection shall be the sole responsibility of the Supplier;
- (iii) Also, the DEGS-N24P will test the equipment after completion of the installation and commissioning at the site of the installation (for site preparation, the Supplier should furnish all details to the DEGS-N24P sufficiently in advance so as to get the works completed before receipt of the equipment). Complete hardware and software should be supplied, installed and commissioned properly by the Supplier prior to commencement of performance tests;
- (iv) The acceptance test will be conducted by the DEGS-N24P/ DEGS-N24P's Consultants or any other person nominated by the DEGS-N24P, at its option. The acceptance will involve trouble-free operation for a period to be decided by the DEGS-N24P, but not exceeding seven consecutive days. There shall not be any additional charges for carrying out acceptance tests. No malfunction, partial or complete failure of any part of hardware or excessive heating of motors attached to printers, drivers etc. or bugs in the software should occur. All the software should be complete and no missing modules/sections will be allowed. The Supplier shall maintain necessary log in respect of the results of the tests to establish to the entire satisfaction of the DEGS-N24P, the successful completion of the test specified. An average uptime efficiency of 98% for the duration of test period shall be considered as satisfactory; Provided that the DEGS-N24P may, at its discretion, require the Supplier to devise and conduct the acceptance test, at his own cost, in the presence of DEGS-N24P's representative(s) to establish to the satisfaction of the DEGS-N24P that the configuration/performance of the goods supplied are in conformity with the specifications laid down in the Purchase/Work contract.

- (v) In the event of the hardware and software failing to pass the acceptance test, a period not exceeding two weeks will be given to rectify the defects and clear the acceptance test, failing which, the DEGS-N24P reserves the right to get the equipment replaced by the Supplier at no extra cost to the DEGS-N24P; and
- (vi) Successful conduct and conclusion of the acceptance tests for the installed goods and equipment shall also be the sole responsibility and at the cost of the Supplier.

**7.2** The inspections and quality control tests may be conducted on the premises of the Supplier, at point of delivery and/or at the Goods' final destination. If conducted on the premises of the Supplier, reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors, at no charge to the DEGS-N24P.

**7.3** Should any inspected or tested Goods fail to conform to the Specifications, the DEGS-N24P may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements, free of cost, to the DEGS-N24P.

**7.4** Nothing stated hereinabove shall in any way release the Supplier from any warranty or other obligations under this Contract.

### **7.5 Manuals & Drawings**

**7.5.1** Before the goods and equipment are taken over by the DEGS-N24P, the Supplier shall supply operation and maintenance manuals together with drawings, wherever applicable, of the goods. The manuals and drawings shall be in English.

**7.5.2** Unless and otherwise agreed, the goods and equipment shall not be considered to be completed for the purpose of taking over, until such manuals and drawings have been supplied to the DEGS-N24P.

**7.6** For the System & Other Software, the following will apply: The Supplier shall provide complete and legal documentation of hardware, all subsystems, operating systems, compiler, system software and the other software. The Supplier shall also provide licensed software for all software products, whether developed by it or acquired from others. The Supplier shall also indemnify the DEGS-N24P against any levies/penalties on account of any default in this regard.

### **7.7 Acceptance Certificates**

**7.7.1** On successful completion of acceptability test, receipt of deliverables, etc., and after the DEGS-N24P is satisfied with the working on the system, the acceptance certificate signed by the Supplier and the representative of the DEGS-N24P will be issued. The date on which such certificate is signed (unless otherwise provided for) shall be deemed to be the date of successful commissioning of the systems.

Training shall be conducted on the dates mutually agreed up on and within two months from the date of acceptance of supply.

## **8. Packing**

**8.1** The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Size and weights of packing case shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

**8.2** Packing Instructions: The Supplier will be required to make separate packages for each Consignee. Each package will be marked on three sides with proper paint/indelible ink with the following :

(i) Contract No.; (ii) Supplier's Name; (iii) Consignee's Name (iv) Packing List Reference number.

## **9. Delivery & Documents**

**9.1** Delivery of the Goods shall be made by the Supplier with in 15 DAYS from the date of Purchase/Work Order. The details of shipping and/or other documents to be furnished by the Supplier are specified hereunder:

- (i) 3 copies of Supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- (ii) Delivery note, Railway receipt or acknowledgement of receipt of goods from the Consignee or in case of goods from abroad, original and two copies of the negotiable, clean, on-board bill of lading marked freight prepaid and two copies of non-negotiable bill of lading;
- (iii) 2 Copies of packing list identifying contents of each package;
- (iv) Insurance certificate;
- (v) Manufacturer's/Supplier's warranty certificate;
- (vi) Inspection certificate issued by the nominated inspection agency, if any, and the Supplier's factory inspection report and Quality Control Test Certificates,

The above documents shall be received by the DEGS-N24P before arrival of Goods (except where it is handed over to the Consignee with all documents) and, if not received, the Supplier will be responsible for any consequent expenses.

## **10. Insurance**

**10.1** The insurance shall be in an amount equal to 100 percent of the value of the Goods from "Warehouse to final destination" on "All Risks" valid for a period not less than 1 months after installation and commissioning and issue of acceptance certificate by the DEGS-N24P.

Should any loss or damage occur, the Supplier shall –

- (a) initiate and pursue claim till settlement, and

- (b) promptly make arrangements for repair and/or replacement of any damaged item/s irrespective of settlement of claim by the underwriters.

## **11. Transportation**

**11.1** Where the Supplier is required under the Contract to transport the Goods to a specified place of destination within India, transport to such place of destination in India, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and the related costs shall be included in the Contract Price.

## **12. Incidental Services**

**12.1** The incidental services to be provided are as under:

- (a) Performance of on-site assembly and start-up of the supplied computer hardware, operating system and other software packages;
- (b) Furnishing of appropriate hardware, device drivers, system design and programming services required for development and/or maintenance of the supplied Goods; Even if the hardware is initially purchased for use with particular Operating System(s), the DEGS-N24P may, at any future date, use the hardware with any other operating system and in such cases, the Supplier shall provide the device drivers required for the hardware components in order for them to function satisfactorily in the new operating environment. In the event of such device drivers not being available, the Supplier should substitute the hardware component with another with comparable performance and having a device driver software for the proposed operating system.
- (c) Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods and equipment;
- (d) Maintenance, repair and software updates of the supplied Goods for a period of three years after expiry of the warranty, provided, that this service shall not relieve the Supplier of any Warranty obligations under this Contract; and
- (e) Training of the DEGS-N24P's personnel at the Supplier's office or other facility, in the installation and operation of the computer hardware, utilities and all contracted software, as specified in TCC Clause 38.

## **13. Spare Parts**

**13.1** As specified in the TCC, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier :

- (a) Such spare parts as the DEGS-N24P may elect to purchase from the Supplier, provided, that this election shall not relieve the Supplier of any warranty obligations under the Contract; and
- (b) In the event of termination of production of the spare parts:

- (i) advance notification to the DEGS-N24P of the pending termination, in sufficient time to permit the DEGS-N24P to procure needed requirements; and
- (ii) following such termination, furnishing at no cost to the DEGS-N24P, the blueprints, drawings, and specifications of the spare parts, if requested.
- (iii) The vendor shall stock adequate spares as indented by the DEGS-N24P at their respective Zonal Offices to ensure a better uptime, at no cost the DEGS-N24P.

## **14. Warranty**

- 14.1** The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevailing in India.
- 14.2** The minimum warranty period shall be 36 months from date of acceptance of the Goods. Provided that wherever the Goods could not be installed due to the site not being ready or for any reason attributable solely to the DEGS-N24P, the warranty shall terminate after the one month from the expiry date of warranty. The Supplier shall, in addition, comply with the performance guarantees specified under the Contract. If, for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall, make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with TCC Clause 7.
- 14.3** The DEGS-N24P shall promptly notify the Supplier in writing of any claims arising under this warranty.
- 14.4** In case an equipment, peripheral or components (such as CPU, monitors, printers etc. are taken away for repairs, the vendor shall provide a similar standby equipment so that the equipments can be put to use in the absence of the originals/replacements without disrupting the DEGS-N24P's regular work. Upon receipt of such notice, the Supplier shall, with all reasonable speed, in any case not later than 2 days, repair or replace the defective goods or parts thereof, without cost to the DEGS-N24P.
- 14.5** If the Supplier having been notified, fails to remedy the defect(s) within 2 (two) days from the of receipt of such notice , the DEGS-N24P may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the DEGS-N24P may have against the Supplier under the Contract.
- 14.6** If during operation, the real Mean Time Between Failures (MTBF) of any piece of equipment or component thereof does not prove to be within 70% (seventy percent) of the specified MTBF, the Supplier shall replace the unit of component with another of at least the same performance and quality, at no cost to the DEGS-N24P.

## **14.7 Maintenance Service:**

**14.7.1** Free on-site maintenance services shall be provided by the Supplier during the period of warranty. The vendor will enter into AMC agreement with the DEGS-N24P after the expiry of the warranty period of equipments viz. Computer Systems, Peripherals, UPS, Systems Software & other software for a period not less than 3 years after the expiry of warranty, at the discretion of the DEGS-N24P. The AMC charges should be quoted separately in the commercial bid. The rate for Annual Maintenance Contract for the hardware & peripherals supplied is to be quoted in the commercials. You may also indicate your willingness to support the hardware & related software supplied by other vendors. If so you may quote the rate for AMC of such hardware & software separately in commercial bid.

**14.7.2** The maximum response time for a maintenance complaint (i.e. time required for Supplier's maintenance engineers to report to the installations after a request call / telegram / fax /e-mail is made or letter is written) shall not exceed 3 (Three) hours from the receipt of such communication in case the service centre is situated at the same location where the hardware/software are installed and 1 (one) day in other cases.

**14.7.3** It is expected that the average downtime of an item will be less than half the maximum downtime (i.e. defined as number of days for which an item of equipment is not usable because of inability of the Supplier to repair it) as mentioned in the form of Technical Details. In case an item is not usable beyond the stipulated maximum downtime the Supplier will be required to arrange for an immediate replacement of the same till it is repaired. Failure to arrange for the immediate repair / replacement will be liable for penalty of Rs.500/- per day per item. The amount of penalty will be recovered from Bank guarantee, or the deposit made by the Supplier, during warranty and/or annual maintenance charges and/or by lodging a claim against the Supplier, as the case may be. In the event of Deposit or Bank Guarantee amount not sufficient to set off the liability of the Supplier under this head the DEGS-N24P shall be at liberty to proceed against the Supplier for recovery of the balance as may be advised.

## **15. Payment**

**15.1** Payment shall be made in Indian Rupees, in the following manner:

- (i) On Delivery: Payment of the order value on installation and commissioning of the Hardware/Completion Job ordered, and DEGS-N24P's acceptance of the Hardware/Completion Job ordered. Wherever installation could not be carried out by the vendor due to the site not being ready even after 30 days after the last date for delivery mentioned in the Purchase/Work order, the payment would be released upon Vendor's submission of a certificate from the location concerned, duly signed (with the office-seal affixed) by the DEGS-N24P's authorities concerned that site is not ready. In such a case, the Vendor has to give an undertaking to complete installation within a week of being informed that the site is ready. As already

stated, for reasons of delays in installation not attributable to the DEGS-N24P and/or in the absence of vendor submitting the certificate within the stipulated period as mentioned herein, the liquidated damages would be levied as stated above.; and

- (iii) Security Deposit: 10% of the tender value shall be deducted from the total payment and will be refunded after the expiry of Warranty

Or

A Bank Guarantee of a reputed Bank, acceptable to the DEGS-N24P, for an equivalent amount valid for the period of warranty has to be given.

**15.2** Payment for annual maintenance charges: Not Applicable

- 15.3** (i) For all the payments to be made against bank guarantees, the bank guarantees shall be issued by a Scheduled Indian Bank or a Foreign bank operating in India, acceptable to the DEGS-N24P, in the format enclosed. The guarantees issued by other banks should be confirmed by a scheduled Indian Bank or a foreign bank operating in India, acceptable to the DEGS-N24P.

- (ii) Bank guarantees for advance payment shall be released not later than 30 days after the date of completion of installation of the goods at their final destination.

**16. Prices**

Prices payable to the Supplier as stated in the Contract shall be firm and not subject to adjustment during performance of the Contract, irrespective of reasons whatsoever, including exchange rate fluctuations, changes in taxes, duties, levies, charges etc.

**17. Change Orders**

- 17.1** The DEGS-N24P may, at any time, by a written order given to the Supplier, make changes within the general scope of the Contract in any one or more of the following :

- (a) specifications;
- (b) the method of shipment or packing;
- (c) the place of delivery; and/or
- (d) the Services to be provided by the Supplier.

- 17.2** If any such change causes an increase or decrease in the cost of, or the time required for the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within 7 days from the date of Supplier's receipt of DEGS-N24P's changed order.

**18. Contract Amendments**

- 18.1** No variation in or modification of the terms of the Contract shall be made, except by written amendment, signed by the parties.

**19. Assignment**



**19.1** The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the DEGS-N24P's prior written consent.

## **20. Subcontracts**

**20.1** The Supplier shall notify the DEGS-N24P in writing of all subcontracts awarded under the Contract, if not already specified in the quotation. Such notification, in the original quotation or later, shall not relieve the Supplier from any liability or obligation under the Contract. Sub-contract shall be only for bought-out items and sub-assemblies.

**20.2** Subcontracts must comply with the provisions of TCC.

### **Delays in the Supplier's Performance**

**21.1** Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the DEGS-N24P .

**21.2** If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the DEGS-N24P in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the DEGS-N24P shall evaluate the situation and may, at its discretion, extend the Suppliers' time for performance, with or without liquidated damages, in which case, the extension shall be ratified by the parties by amendment of the Contract.

**21.3** Except as provided in the above clause, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages, unless an extension of time is agreed upon without the application of liquidated damages.

## **22. Liquidated Damages**

**22.1** If the Supplier fails to deliver any or all of the Goods or perform the Services within the time period(s) specified in the Contract, the DEGS-N24P shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to 1.00 percent per week or part thereof of contract price subject to maximum deduction of 10% of the delivered price of the delayed Goods or unperformed services for each week or part thereof of delay, until actual delivery or performance. Once the maximum is reached, the DEGS-N24P may consider termination of the Contract.

## **23. Termination for Default**

**23.1** The DEGS-N24P, without prejudice to any other remedy for breach of Contract, by a written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

(a) if the Supplier fails to deliver any or all of the Goods and Services within the period(s) specified in the Contract, or within any extension thereof granted by the DEGS-N24P;

or

(b) if the Supplier fails to perform any other obligation(s) under the Contract.

**23.2** In the event the DEGS-N24P terminates the Contract in whole or in part, it may procure, upon such terms and in such manner as it deems appropriate, Goods and Services similar to those undelivered, and the Supplier shall be liable to the DEGS-N24P for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

## **24. Force Majeure**

**24.1** Not with standing the provisions of TCC, the Supplier shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

**24.2** For purposes of this clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable such as acts of the Govt. in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

**24.3** If a Force Majeure situation arises, the Supplier shall promptly notify the DEGS-N24P in writing of such condition and the cause thereof. Unless otherwise directed by the DEGS-N24P in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

## **25. Termination for Insolvency**

**25.1** The DEGS-N24P may, at any time, terminate the Contract by giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the DEGS-N24P.

## **26. Termination for Convenience**

**26.1** The DEGS-N24P, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the DEGS-N24P's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

**26.2** The Goods that are complete and ready for delivery within 7 days after the Supplier's receipt of notice of termination shall be accepted by the DEGS-N24P at the Contract terms and prices. For the remaining Goods and Services, the DEGS-N24P may elect to have any portion completed and delivered at the Contract terms and prices.

## **27. Resolution of Disputes**

**27.1** The DEGS-N24P and the Supplier shall make every effort to resolve amicably by direct informal negotiation, any disagreement or dispute arising between them under or in connection with the Contract.

**27.2** If, after thirty (30) days from the commencement of such informal negotiations, the DEGS-N24P and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified herein below. These mechanisms may include, but are not restricted to, conciliation mediated by a third party, adjudication in an agreed national forum.

**27.3** The dispute resolution mechanism to be applied shall be as follows:

- a) In case of Dispute or difference arising between the DEGS-N24P and a Supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996. Where the value of the contract is Rs.1 Crore and below, the disputes or differences arising shall be referred to the Sole Arbitrator. The Sole Arbitrator should be appointed by agreement between the parties..
- b) Arbitration proceedings shall be held at Kolkata, and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English;
- c) The decision of the majority of arbitrators shall be final and binding upon both parties. The cost and expenses of Arbitration proceedings will be paid as determined by the arbitral tribunal. However, the expenses incurred by each party in connection with the preparation, presentation, etc., of its proceedings as also the fees and expenses paid to the arbitrator appointed by such party or on its behalf shall be borne by each party itself; and

## **28. Governing Language**

**28.1** The governing language shall be English.

## **29. Applicable Law**

**29.1** The Contract shall be interpreted in accordance with the laws of the Union of India and the Supplier shall agree to submit to the courts under whose exclusive jurisdiction the Registered Office of the DEGS-N24P falls.

## **30. Notices**

**30.1** The following shall be the address of the DEGS-N24P and Supplier.

DEGS-N24P's address for notice purposes :

**Office of the District Magistrate  
New Administrative Building  
Rishi Bankim Sarani, Barasat  
North 24 Parganas  
Kolkata-124**

**Supplier's address for notice purposes**

.....  
.....  
.....

**30.2** A notice shall be effective when delivered or on the notice's effective date whichever is later.

**31. Taxes and Duties** (Sale Tax to be cleared as per price Schedule)

**31.1** Supplier will be entirely responsible for all applicable present and future taxes, duties, levies, charges, license fees, road permits etc. in connection with delivery of goods at site including incidental services and commissioning. Payment of Octroi, entry-tax, alone, if applicable, will be made at actual, on production of suitable evidence of payment by the Supplier. Income / Corporate Taxes in India:

**31.2** The Supplier shall be liable to pay all corporate taxes and income tax that shall be levied according to the laws and regulations applicable from time to time in India and the price bid by the Supplier shall include all such taxes in the contract price.

**31.3** Wherever the laws and regulations require deduction of such taxes at the source of payment, the DEGS-N24P shall effect such deductions from the payment due to the Supplier. The remittance of amounts so deducted and issuance of certificate for such deductions shall be made by the DEGS-N24P as per the laws and regulations in force. Nothing in the Contract shall relieve the Supplier from his responsibility to pay any tax that may be levied in India on income and profits made by the Supplier in respect of this contract.

**31.4** The Supplier's staff, personnel and labour will be liable to pay personal income taxes in India in respect of such of their salaries and wages as are chargeable under the laws and regulations for the time being in force, and the Supplier shall perform such duties in regard to such deductions thereof as may be imposed on him by such laws and regulations.

**32. Supplier Integrity**

**32.1** The Supplier is responsible for and obliged to conduct all contracted activities in accordance with the contract using state-of-the-art methods and economic principles and exercising all means available to achieve the performance specified in the Contract.

**33. Supplier's obligations**

The Supplier is obliged to work closely with the DEGS-N24P's staff, act within its own authority and abide by directives issued by the DEGS-N24P and implementation activities. The Supplier will abide by the job safety measures prevalent in India and will free the DEGS-N24P from all demands or responsibilities arising from accidents or loss of life, the cause of which is the Supplier's negligence. The Supplier will pay all indemnities arising from such incidents and will not hold the DEGS-N24P responsible or obligated. The Supplier is responsible for managing the activities of its personnel or sub-contracted personnel and will hold itself responsible for any misdemeanors. The Supplier will treat as confidential all data and information about the DEGS-N24P, obtained in the execution of his responsibilities, in strict

confidence and will not reveal such information to any other party without the prior written approval of the DEGS-N24P.

### **34. Patent Rights**

In the event of any claim asserted by a third party of infringement of copyright, patent, trademark or industrial design rights arising from the use of the Goods or any part thereof in India, the Supplier shall act expeditiously to extinguish such claim. If the Supplier fails to comply and the DEGS-N24P is required to pay compensation to a third party resulting from such infringement, the Supplier shall be responsible for the compensation including all expenses, court costs and lawyer fees. The Supplier shall on a mere demand by the DEGS-N24P reimburse whatever expenses incurred by the DEGS-N24P in this regard, within a period of 7 days of receipt of demand.

### **35. Site preparation and installation**

The DEGS-N24P is solely responsible for the construction of the hardware sites in compliance with the technical and environmental specifications defined by the Supplier. The DEGS-N24P will designate the installation sites before the scheduled installation date, to allow the Supplier to perform a site inspection to verify the appropriateness of the sites before the installation of the hardware.

### **36. Hardware Installation**

The Supplier is responsible for all unpacking, assembling, wiring, installations, cabling between hardware units and connecting to power supplies. The Supplier will test all hardware operations and accomplish all adjustments necessary for successful and continuous operation of the hardware at all installation sites.

### **37. Hardware & System Software Maintenance**

The Supplier will accomplish preventive and breakdown maintenance activities to ensure that all hardware execute without defect or interruption for at least 98% uptime for 24 hours a day, 7 days a week of operation of the machine, worked on a quarterly basis. If any critical component of the entire configuration is out of service for more than a day, the Supplier shall either repair the defective unit within 24 hours or immediately replace the defective unit or replace the same immediately at its own cost. The Supplier will respond to a site visit and commence repair work on the equipment within two (2) hours of being notified of equipment malfunction. During warranty and later during AMC period, the Supplier will, in addition to attending the service calls as provided above, perform Preventive Maintenance once a quarter on a mutually convenient day. At the time of entering into AMC, the DEGS-N24P will be required to sign an AMC contract as per the format given in Bid Form and Other Formats.

### **38. Training**

For each hardware and software component installed, the Supplier is required to train the designated DEGS-N24P's technical and end-user personnel to enable them to effectively operate the total system. The number of users to be trained and the duration of the training shall be as specified in the Invitation for Quotation or as quoted by the DEGS-N24P in his Quotation. The venue,

arrangements for provision of hardware/software and costs for the training shall be as specified in the Invitation for Quotation.

### **39. Technical Documentation**

The Technical Documentation involving detailed instruction for operation and maintenance is to be delivered with every unit of the equipment supplied. The language of the documentation should be English.

### **40. Right to use defective equipment**

If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the equipment proves to be unsatisfactory, the DEGS-N24P shall have the right to continue to operate or use such equipment until rectification of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the DEGS-N24P's operation.

### **41. Standards**

All standards to be followed will adhere to Bureau of Indian Standards (BIS) specifications or other acceptable standards like ANSI, IEEE, ISO, X/Open etc.

Please note that any quotation which does not provide the above information in the specified formats is likely to be rejected and the DEGS-N24P will not enter into any correspondence with the vendor in this regard. You are requested to quote only one model against each item.

### **42. Award Criteria**

The DEGS-N24P will award the Contract to the successful Bidder, out of the Bidders who have responded to DEGS-N24P's Invitation for Quotation, who has been determined to qualify to perform the Contract satisfactorily, and whose Bid has been determined to be substantially responsive, and is the lowest evaluated Bid. For evaluation purpose the unit price of each item will be taken as the basis for identifying the lowest bidder. The item wise lowest bidder be identified and contract will be awarded to lowest bidder for the particular item for which he has quoted the lowest rate.

### **43. Repeat Orders**

After a Purchase/Work/ Contract is awarded to a Supplier, the DEGS-N24P may, at his discretion, award further Purchase/Work Contracts to the same Supplier for all/some of the goods originally quoted by him at the same/reduced prices up to a period of 6 (six) months from the date of the first Purchase/Work Contract without calling for fresh quotations.

### **44. DEGS-N24P's Right to Reject Any or All Bids**

The DEGS-N24P reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids at any time, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the DEGS-N24P's action.

**SECTION -VI**

**LETTER OF AUTHORISATION FOR ATTENDING BID OPENING**

**Tender No.** : \_\_\_\_\_

**Subject** : Authorization for attending bid opening on \_\_\_\_\_ (date) in the tender of \_\_\_\_\_

Following persons are hereby authorized to attend the bid opening for the tender mentioned above on behalf of \_\_\_\_\_ (Bidder) in order of preference given below.

Order of Preference Name Specimen Signatures

I  
II

Alternate Representative

Signature of bidder  
or  
Officer authorized to sign the bid documents on behalf of the bidder.

Note : One representative will be permitted to attend bid opening. In cases where it is restricted to one, first preference will be allowed. Alternate representative will be permitted when regular representative is not able to attend Read, understood & complied with Signature of the Tendered.

Read, understood & complied with  
Signature of the Tendered

## SECTION –VII

### SCHEDULE OF RATES (LOT-I)

**From :**

**To : The Chairman, District eGovernance Society, North 24 Parganas**

**Sub : Tender for SUPPLY OF LAN & OTHERS EQUIPMENTS**

**Ref : NIT No. \_\_\_\_\_ Dt. \_\_\_\_\_**

Sir,

I/we have gone through the terms and conditions detailed in the tender notice referred above No. \_\_\_\_\_ for **SUPPLY OF LAN & OTHERS EQUIPMENTS**. I/we are agreeable to all the terms and conditions mentioned therein. I/we shall also abide any other rules connected to the supply that may be enforced by you. The rates are furnished below which are inclusive of all taxes, packing, forwarding for destination.

**TABLE-A**

Sl. No.	Item Code	Item and specifications	Unit	Make & Model of the Item	Rate (INC)
01.	SW01	8 10/100 Mbps ports Switch with AC Power [ Should be of same OEM against Sl. no. 02, 03 & 04]	Each		
02.	SW02	24 port 10/100 with 2x1G Ethernet uplink port & AC power	Each		
03.	SW03	24 port 10/100 with 4x1G uplink port with 2x1G combo ports & AC power	Each		
04.	SW04	48 port 10/100 with 2x1G combo uplink port & AC power	Each		
05.	TC01	1000 Mbps LH (20 KM) Transceiver Module (SFP) [ Should be of same OEM against Sl. no. 02, 03 & 04]	Each		
06.	TC02	1000 Mbps SH (2 KM) Transceiver Module (SFP) [ Should be of same OEM against Sl. no. 02, 03 & 04]	Each		

**TABLE-B**

**Router & Accessories with 3 years warranty**

Sl. No.	Item Code	Item	Unit	Make & Model of the Item	Rate (INC)
01.	RW01	2 LAN / 2 WAN Slots with Standard link protocol, Network protocol, Routing protocol and Network Security with Management Facility and Standard QOS and AC power supply	PAIR		
02.	RW02	V.35 Serial Interface card with cable/Controller E1 card.	PAIR		

**TABLE-C**

**[LAN cabling Accessories]**

Sl. No.	Item Code	Item and specifications	Unit	Make & Model of the Item	Rate (INC)
01	LN01	6U wall mount double section rack of MS Steel.	Each		
02	LN02.	9U wall mount double section rack of MS Steel	Each		
03	LN03	15U wall mount double section rack of MS Steel	Each		
04	LN04	STP CAT6 Cable	Box (305 Mtr.)		
05	LN05	Information outlets (Single SMB)	Each		
06	LN06	Information outlets (Dual SMB)	Each		
07	LN07	CAT6 RJ 45 Male Connectors	BOX(100)		
08	LN08	Patch Cord-LENGTH-2 METER	Each		
09	LN09	Patch Cord-LENGTH-3 METER	Each		
10	LN10	Patch Cord-LENGTH-5 METER	Each		
11	LN11	24 port Patch Panel	Each		

\*\* Technical Specifications are as annexure-I and duly signed by the bidder

Yours faithfully,

Dt :  
Place :

Signature of the Tendered  
Name  
Address

Read, understood & complied with  
Signature of the Tendered



## SCHEDULE OF RATES (LOT-II)

**From :**

**To : The Chairman, District eGovernance Society, North 24 Parganas**

**Sub : Tender for Supply of OFC alongwith accessories & Laying between Hastings (WBSWANPOP-NEW) and Collectorate(WBSWANPOP-OLD)**

**Ref : NIT No. \_\_\_\_\_ Dt. \_\_\_\_\_**

**Sir,**

I/we have gone through the terms and conditions detailed in the tender notice referred above No. for Commissioning of Passive LAN in Collectorate Campus, N24P. I/we are agreeable to all the terms and conditions mentioned therein. I/we shall also abide any other rules connected to the supply that may be enforced by you. The rates are furnished below which are inclusive of all taxes, packing, forwarding for destination.

Sl. No.	Description of Works	Items Requ-ired		Rate in Rupees per unit inclusive all taxes, (In figures)
01	Commissioning of LAN for the building in between CIRCUIT HOUSE (A-End) and MINORITY AFFAIRS Building (B-end) covering distances 325 Meter (Approximately) of Collectorate Campus of North 24 Parganas through OFC upto the end Ethernet port through media converter at both end of the connectivity.			
02	Following standard or make specified items should be used.	Unit	No. of Unit Required	
	OPTICAL FIBER 12 Core single mode – FINOLEX/AMP	Meter	400	
	25 MM DIA ISI MARK PVC pipe to lay fiber.	Meter	325	
	Standard Fiber Termination Box	Number	1	
	Standard SDF Box	Number	1	
	0 Db COUPLER AMP make	Number	8	
	PIGTAIL – AMP/MROTEK	Number	8	
	OPTICAL PATCH CORD (single) of make AMP/KROME	Number	8	
	Media Converter of make AMP/MROTEK	Pair	1	
	Standard FLEXIBLE PVC PIPE, CLAMPS, NAILS ETC	Meter	10	
	Laying of OFC through HDD SHOT METHOD/MICRO TUNNELING (Depth of tunnel shall be depend on physical location)	Meter	325	
	Fiber Splicing	Number	8	
	Manhole Digging and Shaping	Number	1	
<b>TOTAL COST</b>				

Total Project Cost : Rupees ..... only

NB : Bidder should specify all rates before calculation the total project cost. All the above items/jobs should carry at least THREE year warranty.

Yours faithfully,

Date :  
Place :

Signature of the Tendered  
Name  
Address

Read, understood & complied with  
Signature of the Tendered

**TECHNICAL SPECIFICATION IN RESPECT OF ITEM OF TABLE-A OF LOT-I**

Item Code : SW02

Item Name : 24 port 10/100 with 2x1G Ethernet uplink port

Sl. No.	Parameter / Feature	Detailed Specifications	Vendor Compliance (Yes/No)
1	Make & Model		
2	Ports	24 port for 10BASE-T/100BASE-TX 2x1G Ethernet uplink ports Console port Auto negotiate/manual setting	
3	Switching capacity	Up to 12.8 Gbps, Non-blocking	
4	Forwarding rate (based on 64-byte packets)	Up to 9.5 Mbps	
5	Number of VLANs	256 active VLANs (4096 range)	
6	VLAN	Protocol-based VLAN Management VLAN Private VLAN Edge (PVE) GVRP	
7	IEEE 802.1X	Guest VLAN Single/multiple host mode	
8	Access control	ACLs - drop or rate limit based on: Source and destination MAC-based Source and destination IP address Protocol Port VLAN Differentiated services code point (DSCP)/IP precedence TCP/ User Datagram Protocol (UDP) source and destination ports Ethernet type Internet Control Message Protocol (ICMP) packets Internet Group Management Protocol (IGMP) packets Up to 1018 rules	
9	Standards & Protocol Support	The switch should support following standards & protocols : 802.3 10BASE-T Ethernet, 802.3u 100BASE-TX Fast Ethernet 802.3ab 1000BASE-T Gigabit Ethernet 802.3z Gigabit Ethernet 802.3x flow control 802.3ad LACP 802.3af Power over Ethernet (PoE) 802.1d Spanning Tree Protocol (STP) 802.1w Rapid Spanning Tree 802.1s Multiple Spanning Tree 802.1Q/p VLAN 802.1s Multiple STP 802.1X - RADIUS authentication; MD5 hash Fast Link-over Protocol-based VLAN Management VLAN Private VLAN Edge (PVE) Telnet SSH GVRP IPv6	
10	Certification	Certification by International standards	
11	Warranty	Three years comprehensive	

Item Code : SW03

Item Name : 24 port 10/100 with 4x1G uplink port with 2x1G combo ports

Sl. No.	Parameter / Feature	Detailed Specifications	Vendor Compliance (Yes/No)
1	Make & Model		
2	Ports	24 port for 10BASE-T/100BASE-TX Four 10/100/1000BASE-T with 2x1G combo ports Shared between mini Gigabit Interface Converter (mini-GBIC) ports Console port Auto medium dependent interface (MDI) and MDI crossover (MDI-X) Auto negotiate/manual setting	
3	Switching capacity	Up to 12.8 Gbps, Non-blocking	
4	Forwarding rate (based on 64-byte packets)	Up to 9.5 Mbps	
5	Number of VLANs	256 active VLANs (4096 range)	
6	VLAN	Protocol-based VLAN Management VLAN Private VLAN Edge (PVE) GVRP	
7	IEEE 802.1X	Guest VLAN Single/multiple host mode	
8	Access control	ACLs - drop or rate limit based on: Source and destination MAC-based Source and destination IP address Protocol Port VLAN Differentiated services code point (DSCP)/IP precedence TCP/ User Datagram Protocol (UDP) source and destination ports Ethernet type Internet Control Message Protocol (ICMP) packets Internet Group Management Protocol (IGMP) packets Up to 1018 rules	
9	Standards & Protocol Support	The switch should support following standards & protocols : 802.3 10BASE-T Ethernet, 802.3u 100BASE-TX Fast Ethernet 802.3ab 1000BASE-T Gigabit Ethernet 802.3z Gigabit Ethernet 802.3x flow control 802.3ad LACP 802.3af Power over Ethernet (PoE) 802.1d Spanning Tree Protocol (STP) 802.1w Rapid Spanning Tree 802.1s Multiple Spanning Tree 802.1Q/p VLAN 802.1s Multiple STP 802.1X - RADIUS authentication; MD5 hash Fast Link-over Protocol-based VLAN Management VLAN Private VLAN Edge (PVE) Telnet SSH GVRP IPv6	
10	Certification	Certification by International standards	
11	Warranty	Three years comprehensive	

Item Code : SW04  
Item Name : 48 port 10/100 with 2x1G combo uplink port

Sl. No.	Parameter / Feature	Detailed Specifications	Vendor Compliance (Yes/No)
1	Make & Model		
2	Ports	48 port for 10/100BASE-TX 2 Gigabit combo ports Shared between mini Gigabit Interface Converter (mini-GBIC) ports Console port Auto medium dependent interface (MDI) and MDI crossover (MDI-X) Auto negotiate/manual setting	
3	Switching capacity	Up to 12.8 Gbps, Non-blocking	
4	Forwarding rate (based on 64-byte packets)	Up to 9.5 Mbps	
5	Number of VLANs	256 active VLANs (4096 range)	
6	VLAN	Protocol-based VLAN Management VLAN Private VLAN Edge (PVE) GVRP	
7	IEEE 802.1X	Guest VLAN Single/multiple host mode	
8	Access control	ACLs - drop or rate limit based on: Source and destination MAC-based Source and destination IP address Protocol Port VLAN Differentiated services code point (DSCP)/IP precedence TCP/ User Datagram Protocol (UDP) source and destination ports Ethernet type Internet Control Message Protocol (ICMP) packets Internet Group Management Protocol (IGMP) packets Up to 1018 rules	
9	Standards & Protocol Support	The switch should support following standards & protocols : 802.3 10BASE-T Ethernet, 802.3u 100BASE-TX Fast Ethernet 802.3ab 1000BASE-T Gigabit Ethernet 802.3z Gigabit Ethernet 802.3x flow control 802.3ad LACP 802.3af Power over Ethernet (PoE) 802.1d Spanning Tree Protocol (STP) 802.1w Rapid Spanning Tree 802.1s Multiple Spanning Tree 802.1Q/p VLAN 802.1s Multiple STP 802.1X - RADIUS authentication; MD5 hash Fast Link-over Protocol-based VLAN Management VLAN Private VLAN Edge (PVE) Telnet SSH GVRP IPv6	
10	Certification	Certification by International standards	
11	Warranty	Three years comprehensive	

**TECHNICAL SPECIFICATION IN RESPECT OF ITEM OF TABLE-C OF LOT-I**

<b>Item Code</b>	<b>Item Name</b>	<b>Specifications</b>	<b>Bidder Compliance (Yes/No)</b>
LN01	<b>6U wall mount double section rack of MS Steel.</b>	Should have glass front door, adjustable 19" rails in the front and rear, Top and bottom cable entry facility, front section with glass door and lock, 2 lightweight MS shelves, 1 No. of AC Power Distribution Box with 5 Nos of 5A sockets.	
LN02.	<b>9U wall mount double section rack of MS Steel</b>	<b>Should have</b> glass front door, adjustable 19" rails in the front and rear, Top and bottom cable entry facility, front section with glass door and lock, 2 lightweight MS shelves, 1 No. of AC Power Distribution Box with 5 Nos of 5A sockets and fan.	
LN03	<b>15U wall mount double section rack of MS Steel</b>	<b>Should have</b> glass front door, adjustable 19" rails in the front and rear, Top and bottom cable entry facility, front section with glass door and lock, 2 lightweight MS shelves, 1 No. of AC Power Distribution Box with 5 Nos of 5A sockets.	
LN04	<b>STP CAT6 Cable</b>	Should comply Category 6 standards and ISO Class E 11801:2002 specifications, Performance characterized to 600 MHz, 3dB NEXT performance above Category 6 standards, Exceeds all requirements for Gigabit Ethernet (IEEE 802.3ab), Lead-free jacketing and 23 AWG solid conductors.	
LN05	<b>Information outlets (Single SMB)</b>	Surface mount box with single RJ 45 socket, should confirm or exceed the EIA/TIA 568 B standards for CAT 6, provision for dust cover, labeling icons & strips, anchors for contact , UL listed & Verified.	
LN06	<b>Information outlets (Dual SMB)</b>	Surface mount box with Dual RJ 45 socket, should confirm or exceed the EIA/TIA 568 B standards for CAT 6, provision for dust cover, labeling icons & strips, anchors for contact , UL listed & Verified.	
LN07	<b>CAT6 RJ 45 Male Connectors</b>	CAT6 RJ 45 Male Connectors of same OEM of item against SI.No.04 Item Code LN04 of Table-C	
LN08	<b>Patch Cord-LENGTH-2 METER</b>	<b>Patch Cord-LENGTH-2 METER</b> -Should confirm or exceed the EIA/TIA 568 B standards for CAT 6, Factory molded transparent boots on RJ 45 plugs at ends, Option for colour Grey, Blue, Red & Green & cross over cable, LENGTH-2 METER.	
LN09	<b>Patch Cord-LENGTH-3 METER</b>	<b>Patch Cord-LENGTH-3 METER</b> -Should confirm or exceed the EIA/TIA 568 B standards for CAT 6, Factory molded transparent boots on RJ 45 plugs at ends, Option for colour Grey, Blue, Red & Green & cross over cable, LENGTH-2 METER.	
LN10	<b>Patch Cord-LENGTH-5 METER</b>	<b>Patch Cord-LENGTH-5 METER</b> -Should confirm or exceed the EIA/TIA 568 B standards for CAT 6, Factory molded transparent boots on RJ 45 plugs at ends, Option for colour Grey, Blue, Red & Green & cross over cable, LENGTH-2 METER.	
LN11	<b>24 port Patch Panel</b>	<b>24 port Patch Panel</b> - 110 IDC type at rear end & RJ 45 jack on front panel, rack mountable, should confirm or exceed the EIA/TIA 568 B.2-10 (CAT 6A), Metallic high strength & 1U height, confirm EIA/TIA 568 B wiring pattern, should have routing rings.	