



**Tender Ref. No.: NTSC/COMPTRG/NETWORKING DEVICE/2017/34**

# **TENDER for Supply of Networking Equipment**

## **NSIC-Technical Services Centre**

Okhla, Phase III, Near Govindpuri Metro Station  
New Delhi-110020

Tel No. 011-26826801, 26382236, 09849927019

Fax: - 011-26826783

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Website : [www.nsic.co.in](http://www.nsic.co.in)

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**NOTICE INVITING TENDER**

The NSIC-Technical Services Centre, Okhla, New Delhi invites sealed tender in two bids system (Technical & Commercial bid in two separate envelopes) from Original Equipment Manufacturers or Authorized Distributors/Authorized Dealers of OEM for the Supply of Networking Equipment.

The details are summarized below:-

a)	Tender number	Reference number for inviting bids through this tender is NTSC/COMPTRG/NETWORKING DEVICE/2017/34
b)	Purchaser	The NSIC Technical Services Centre, Okhla, New Delhi which is a Government of India Enterprise under the Ministry of Micro, Small & Medium Enterprises.
c)	Usage of Equipment	The Purchaser would place the equipment in their Advanced Training Centre and shall be utilized for Networking of the Class Rooms & Labs.
d)	Scope of Tender	Supply of Networking equipment as specified in Annexure-A
e)	Specification/ Details of equipment	The detailed specifications of Equipment are specified in tender and placed at <b>Annexure-A</b>
f)	Web page for details of tender	Web page: <a href="http://www.nsic.co.in/tenders.asp">http://www.nsic.co.in/tenders.asp</a> The prospective bidders are advised to remain in touch with the website for any update in respect of this tender.
g)	Locations of supplies	The Equipment are proposed to be supplied at NSIC Technical Services Centre, Okhla, Phase III, Near Govindpuri Metro Station, New Delhi-110020
h)	Earnest Money Deposit (EMD) along with Tender	EMD of Rs. 30,000/- (Rupees Thirty Thousand only) shall be submitted in the form of D.D./NEFT/RTGS and DD/Transaction information to be placed in the Technical Bid envelope while submitting the tender. The bank details provided in Tender Terms & Conditions under clause no. 10
i)	Exemption from the payment of EMD and Tender fee	The exemption for the payment of EMD as well as tender fee will be applicable to the Udyog Aadhaar/ NSIC/ District Industry Centre registered units for the material/equipment or which the said tender floated.
j)	Cost of Tender Documents	The tender document can be collected from the office of the Chief General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, New Delhi in between the period from <b>12<sup>th</sup>, September, 2017</b> to <b>27<sup>th</sup>, September'2017</b> (except Saturday & Sunday) between 10:30 hours to 15:00 hours against payment of Rs. 500/- (Rupees Five Hundred only) (Non-refundable) by way of demand draft, in favour of ' <b>NSIC Ltd.-NTSC A/c</b> ' payable at New Delhi. Alternatively tender form can be downloaded from our website <a href="http://www.nsic.co.in">www.nsic.co.in</a> from <b>12<sup>th</sup> September 2017 to 27<sup>th</sup>, September 2017</b> . In case the tender downloaded for submission of offer, the tender fee of Rs. 500/- in form of demand draft in favour of ' <b>NSIC Ltd.-NTSC A/c</b> '

		payable at New Delhi shall be enclosed with Technical Bid of the tender while submitting the tender, as per the clause no 8 of Terms & Conditions.
k)	Last date of submission of tender	<b>Tender must be delivered to the address below on or before 27<sup>th</sup>, September 2017 up to 15.00 hours.</b> The Chief General Manager, NSIC- Technical Services Centre, Okhla Phase III, Near Govindpuri Metro Station, New Delhi-110020.  Late bids will be rejected.
l)	Date of opening of Technical Bid (Envelope-1)	<b>The technical bid for the tender shall be opened on 27<sup>th</sup>, September 2017 at 16:00 hours at the address as under:</b> The Chief General Manager, NSIC- Technical Services Centre, Okhla Phase III, Near Govindpuri Metro Station, New Delhi-110020
m)	Date of opening of Commercial Bid (Envelope-2)	The date for opening second envelope containing Commercial Bid will be intimated to the qualified bidders separately.

**Note:** In case of any further details required, the same can be collected from the office of the Chief General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, New Delhi from **12<sup>th</sup> September, 2017 to 27<sup>th</sup>, September 2017** (except Saturday & Sunday) between 10:30 hours to 15:00 hours.

Chief General Manager  
 NSIC- Technical Services Centre  
 New Delhi

**TERMS & CONDITIONS**

The Tender shall be submitted in accordance with these instructions, as under.

**1. Abbreviations:**

Throughout this tender documents", the word/ term:

- a) "NTSC" means NSIC-Technical Services Centre, Okhla, Phase III, New Delhi
- b) "NSIC" means The National Small Industries Corporation Ltd.
- c) "day" means Calendar day
- d) "working day" means Monday to Friday in week
- e) "tender" means tender number NTSC/COMPTRG/NETWORKING DEVICE/2017/34
- f) "Equipment" means the equipment & accessories as detailed at Annexure-A.
- g) If context so requires, "singular" means "plural" and vice versa.
- h) "EMD" means Earnest Money Deposit.
- i) "Purchaser" means The NSIC-Technical Services Centre, Okhla.
- j) "Bid" means the tender document, technical details and financial details submitted by bidder.
- k) "OEM" means Original Equipment Manufacturer
- l) "Bidder"/Tenderer means the Original Equipment Manufacturers / Authorized Distributor/ Authorized Dealer.

**2. Eligible Bidder:**

- a) The intending Bidder, in case of Original Equipment manufacturers shall submit a self-declaration on their letter-head, along with the Technical Bid, confirming that they are regular in manufacturing & supplying the networking equipment, as asked in this tender, for the last three (3) years.
- b) The intending Bidder, in case of Authorized Distributor / Authorized Dealer of OEM shall possess authorized Distributorship/Dealership certificate from Original Equipment Manufacturers valid since the last three (3) years and a copy of the same shall be enclosed in the Technical Bid.

**3. Scope of Supplies:**

- a) The Equipment and Accessories shall be supplied in compliance to the specifications mentioned in Annexure- A of the tender.
- b) The bidder shall quote for equipment of only reputed brands in the market like CISCO/HP etc., or equivalent.
- c) The specifications of the equipment as mentioned in the Annexure-A are the minimum requirements of tender, however higher specifications of equipment may be considered subject to their cost economics i.e. competitiveness in financial terms.
- d) The bidder shall supply all the equipment mentioned in Annexure-A of the tender.
- e) The bidder shall offer on-site comprehensive warranty of equipment for at least one year from the date of supply of equipment. The purchaser is not liable to pay any extra charges on any account during warranty period.

#### **4. Location of supplies:**

- a) The details of location where the equipment supplied through this tender are as under:

#	Location	Address for supplies
1	New Delhi	NSIC- Technical Services Centre, Okhla, Phase III, Near Govindpuri Metro Station, New Delhi-110020

#### **5. Delivery**

- a) The purchaser is interested for complete delivery of equipment by the bidder within Forty Five (45) calendar days from the date of issue of supply order. However, the bidders have an option to submit the best delivery time.
- b) The material shall be inspected on receipt at site and bidder shall be responsible for any damage during the transit of equipment.
- c) The bidder shall not arrange part shipments and/or trans-shipments without the permission of purchaser. The insurance cover including insuring the goods against the loss or damage incidental to manufacture or acquisition, transportation, storage and delivery shall be obtained by the bidder in his own name and not in the name of purchaser.
- d) It may be noted that the Chief General Manager, NTSC Okhla reserves full rights to cancel for supplies any time during the tender process without specifying any reason thereof.

#### **6. Warranty**

- a) The bidder shall offer on-site comprehensive warranty of equipment for at least one year from the date of supply of equipment at the designated location. The purchaser is not liable to pay any extra charges on any account during warranty period.
- b) Any part or parts fail or proved defective within the on-site warranty period specified above, owing to defect in design, material or workmanship, the bidder shall have to replace them without asking for any charges.
- c) The bidder shall pay to the purchaser such compensations that may arise by reasons of the warranty therein contained but not attended by the bidder.

#### **7. After Sales Services**

- a) The bidder shall ensure to render after sales services during the warranty period to the satisfaction of purchaser, for which the bidder shall provide the contact details of the service centre in technical bid given in Annexure-C.
- b) The bidder will depute their engineer within one working day to attend the service call received by mail/over phone from purchaser.

#### **8. Tender documents**

- a) The tender document can be collected from the office of the Chief General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, New Delhi in between the period from **12<sup>th</sup>, September 2017** to **27<sup>th</sup>, September 2017** (except Saturday & Sunday) between 10:30 hours to 15:00 hours against payment of Rs. 500/- (Rupees Five Hundred only) (Non-refundable) by way of demand draft, in favour of '**NSIC Ltd.-NTSC A/c**' payable at New Delhi.

Alternatively tender form can be downloaded from our website [www.nsic.co.in/tenders.asp](http://www.nsic.co.in/tenders.asp) from **12<sup>th</sup>, September 2017** to **27<sup>th</sup>, September 2017**. In case the tender downloaded for submission of offer, the tender fee of Rs. 500/- in form of demand draft in favour of '**NSIC Ltd.-NTSC A/c**' payable at New Delhi shall be enclosed with Technical Bid of the tender while submitting the tender.

The other option is to pay Rs. 500 by RTGS/NEFT to the bank of purchaser as detailed under:

ACCOUNT NAME	BANK NAME	BANK A/C NO.	BANK IFSC CODE
NSIC LTD.- NTSC A/C	PUNJAB NATIONAL BANK, OKHLA, NEW DELHI	0602002100009880	PUNB0060200

The bidder is requested to attach the Bank Statement / RTGS Slip in the Technical Bid, to prove the transfer of payment to the purchaser's Account. No cash towards tender fee shall be accepted.

- b) At any time prior to the last date for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum. The prospective bidders are advised to remain in touch with the Website for any update in respect of this tender.

#### **9. Authorization for Submission of Tender:**

- a) The original and all copies of the bid shall be signed by a person duly authorized to sign on behalf of the Bidder. The written confirmation of authorization (in form of letter on the bidder's letter head) to sign on behalf of the bidder confirming the signature as a person duly authorized to sign should be attached with the technical bid of the tender. If it subsequently comes to light that the person so signed had no authority to do so, the purchaser may without prejudice to any other civil & criminal remedies cancel the tender and hold the Bidder liable for all costs, charges and damages.

#### **10. Earnest Money & Tender Fees Deposit:**

- a) The EMD of Rs.30,000/- shall be submitted in the first envelope super-scribed as "Technical Bid", by way of Demand Draft drawn in favour of "NSIC Ltd.-NTSC A/c". No cash towards EMD shall be accepted. The offers without EMD from the Bidders shall be rejected.
- b) In case tender documents downloaded from website, Tender Fee of Rs. 500/- shall be submitted by way of Demand Draft drawn in favour of 'NSIC-Ltd-NTSC A/c' along with the Technical Bid of the tender documents. Tender fee is non-refundable. The option for payment of EMD and Tender fee by RTGS/NEFT is also available and bank details of purchaser, are as under:

ACCOUNT NAME	BANK NAME	BANK A/C NO.	BANK IFSC CODE
NSIC LTD.- NTSC A/C	PUNJAB NATIONAL BANK, OKHLA, NEW DELHI	0602002100009880	PUNB0060200

The bidder is requested to attach the Bank Statement / RTGS Slip in the Technical Bid, to prove the transfer of payment to the purchaser's Account.

- c) EMD and tender Fee submission is exempted for the bidders those having valid registration under Udyog Adhaar/ Single Point Registration Scheme of NSIC for the

equipment to be supplied against this tender and all micro and small enterprises registered with Director of Industries from DIC for the equipment for which this is tender issued. To support this, the self-attested copy of such valid registration/exemption certificate is to be attached with technical bid.

- d) The Purchaser shall not be liable for payment of any interest on EMD.
- e) Any request by the bidders to consider their EMD already furnished by them to any of the other office of the purchaser, for any other contract/ tender will not be considered as EMD for this tender.
- f) The EMD will be returned to the unsuccessful bidders soon after the orders are placed on the successful bidder. In case of successful bidder, the EMD will be refunded after two months of successful operation of the equipment and duly certified by the officer designated by purchaser.

**11. Special Provision for Micro & Small Enterprises:-**

Micro and Small Enterprises (MSEs) participating in the tender will be given benefit as per Public Procurement Policy, 2012. Further, the MSEs owned by SC/ST entrepreneurs will also be given benefits as per Public Procurement Policy, 2012. The definition of MSEs owned by SC/ST is as given under:

- (a) In case of proprietary MSE. Proprietor shall be SC/ST
- (b) In case of partnership MSE, the SC/ST partners shall be holding at least 51% shares in the unit
- (c) In case of Private Limited Companies, at least 51% share shall be held by SC/ST promoters.

Document to claim benefits shall be enclosed in Technical Bid.

**12. Submission of Tender:**

- a) The bidder to examine all instructions, forms, terms and specifications in the tender documents and to furnish with its bid all documents or information as required by bidding document. A list of all the documents to be enclosed with technical bid, is provided in Annexure for reference.
- b) The language for all the correspondence and documents related to the tender shall be in English/ Hindi only. Moreover, the printed literature/technical details for the equipment shall also be in English/ Hindi.

The tender must be placed in a properly sealed bigger envelope addressed to The Chief General Manager, NSIC-Technical Services Centre, Okhla Industrial Estate, Phase III, New Delhi and the said bigger envelope shall contain two sealed envelopes containing Technical & Commercial bids. The bigger envelope must be super-scribed "Tender for the Supply of Networking Equipment" with tender inquiry number and its due date. The two sealed envelopes inside the bigger envelope must be super-scribed as:

*Envelope No-1: The said envelope is for technical bid & shall be super-scribed as "Tender for the Supply of Networking Equipment\_ - Technical Bid"*

*Envelope No-2: The said envelope is for commercial bid & shall be super-scribed as "Tender for the Supply of Networking Equipment\_ - Commercial Bid".*

- c) If both or either of the envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid.
- d) All the columns of the tender shall be duly, properly and exhaustively filled in. Any cutting/over writing etc. in the tender must be signed by the person who is signing the tender.



e) Tenders received in open covers/ letters/ fax/ email will not be considered.

**13. Financial Bid Submission:**

- a) Bidder shall take into account of all costs including Packing, Freight, Transportation, Insurance etc., for giving delivery of material at site as specified in Para 4 of "Terms and Conditions" before quoting the "Price of equipment" in the Commercial Bid.
- b) The "Total Price of equipment and Accessories" shall remain firm for the delivery to the destination.
- c) No extra payment or revision of "Total Price of Equipment and Accessories for Destination" shall be accepted on account of any discrepancy in nomenclature of items. No representation for the revision of the quoted "Total Price of Equipment and Accessories for Destination" shall be considered on any account till the supplies are completed to the designated location. The Bidder is advised to seek clarification, if any, desired before submitting the tender.

**14. Last date of submission of Tender:**

- a) The tender should reach the office of the Chief General Manager, NSIC-Technical Services Centre, Near Govindpuri Metro station, Okhla Phase III, New Delhi by 27<sup>th</sup>, September 2017 up to 15.00 hours.
- b) The purchaser may, at its discretion, extend the last date for the submission of bids by amending the Tender Documents, in which case all rights and obligations of the Purchaser and Bidders previously subject to the last date shall thereafter be subject to the last date as extended. The prospective bidders are advised to remain in touch with website for any update in respect of their tender.
- c) The purchaser shall not consider any bid that arrives after the due date for submission of bids. Any bid received by the Purchaser after the due date and time for submission of bids shall be declared late, rejected and returned unopened to the Bidder.

**15. Opening of Technical Bid:**

- a) The technical bid of tenders will be opened at NTSC-Okhla on 27<sup>th</sup> September 2017 at 16:00 Hours. The Bidder or their authorized representative (One person only) carrying the authorization letter from the bidder, may be present at the time of opening of the tender

**16. Opening of Commercial Bid:**

- a) The Commercial Bid of only technically qualified bidders will be opened on the stipulated due date. The date & time for opening of Commercial Bid shall be intimated to the technically qualified bidders through email, after the evaluation of Technical Bid.

**17. Validity of Tender:**

- a) The tender shall be valid for a period of 90 days from the date of opening of the Technical Bid of tender. Terms and financial details submitted in the bid shall be treated as firm during the said period of 90 days.

- b) In exceptional circumstances, prior to the expiry of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing.

**18. Evaluation of Bids:**

- a) If there is an error in a total corresponding to the addition or subtraction of sub totals, the subtotals shall prevail and the total shall be corrected.
- b) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.
- c) To assist in the examination, evaluation, comparison of the bids and qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing only.
- d) If the Bidder does not provide clarifications of its bid by the date and time set in the Purchaser's request for clarification, its bid may be rejected.
- e) The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to issuing the supply order, without thereby incurring any liability to Bidders. In case of annulment, all bids submitted and specifically Bid document, EMD deposits shall be promptly returned to the Bidders.
- f) The Purchaser shall compare the "Total Price of all Equipment and accessories for Destination " of all the qualifying bids to determine the lowest bid.
- g) The successful Bidder, shall intimate his acceptance of the order to the purchaser within a week, from the date of receipt of communication of acceptance of his quotes. The successful bidder shall complete supplies strictly as per the accepted delivery period.

**19. Earnest Money Forfeit:**

- a) If any Bidder withdraws his tender before the period of 90 days from the date opening of technical bid or makes any modifications in the terms and the conditions of the tender which are not acceptable to the purchaser, then the purchaser shall, without prejudice to any other rights or remedy, be at liberty to forfeit the EMD.
- b) The EMD will also be forfeited in following cases:
- i. If the bidder fails to accept the order based on his offer (bid) and within the prescribed time.
  - ii. If the bidder fails to supply the Equipment with specifications as mentioned in Annexure -A
  - iii. If the bidder delays supplies beyond the stipulated delivery time resulting in disruption of project.
  - iv. Submission of misleading/contradictory/false statement or information and fabricated/invalid documents is detected before or after the issue of order to execute the supplies.

**20. Packing:**

- a) The equipment & accessories shall be securely boxed, crated and protected from mechanical damage, moisture etc. suitable for both storage and transit according to the nature of the material and mode of transport. The bidder shall be responsible for any loss/ damage to material during transportation to the designated location.

**21. Delivery Time:**

- a) The bidder shall indicate the period within which the ordered quantity will be supplied. Further, shall be noted that in case bidder fails to supply within the period of delivery indicated by the bidder in technical bid of this tender, penalty @1% of value of the order per week of delay would be levied subject to maximum 2 weeks. It means, the bidder shall have the liability of delayed supply to the maximum of 2 weeks after expiry of scheduled delivery date. Beyond that EMD shall be forfeited and the Chief General Manager, NSIC-Technical Services Centre, Okhla reserves full rights to cancel the supply order and debar the bidder from participation in any future tenders, including asking for the compensation of financial loss that occurred.

**22. Payment:**

- a) The payment of total bill will be made by the purchaser after 15 days of supplying of the complete equipment through account payee cheque/RTGS/NEFT, based on the satisfactory report of the working of equipment from designated official and on receipt of the bills in duplicate (original + copy) from the bidder.
- b) The details about the designated official, who is authorized to take the delivery of equipment(s) shall be informed to the successful bidder through the supply order placed for the supply of equipment(s).

**23. Causes of Rejection of Tender:**

- a) Then bidder should quote for all the equipment mentioned in Annexure-A, quoting for partial equipment is liable to be rejected.
- b) While submitting the tender, if any of the prescribed conditions are not fulfilled or are incomplete in any form, the tender is liable to be rejected.
- c) If any Bidder stipulates any condition of his own, such conditional tender is liable to be rejected.

**24. Claims:**

- a) If the material supplied are found to be off size and shape different than those in the accepted offer and are of specifications lower than those stipulated in the accepted offer, the purchaser shall have right to totally reject the equipment and/or to claim for compensation from bidder. The bidder shall reimburse to purchaser, the claim lodged in writing within 15 (fifteen) days of its demand. The bidder shall also compensate for losses, if any, sustained by purchaser due to defective packing and/or wrong marking of the equipment.
- b) The bidder shall be responsible for arranging the rejected equipment to be removed at his cost from purchaser premises.

**25. Address for communication:**

All the communication with respect to the tender shall be addressed to:

The Chief General Manager,  
NSIC- Technical Services Centre,

Okhla, Phase III, Near Govindpuri Metro Station,  
New Delhi-110020

**26. Force Majeure:**

In the event of any unforeseen circumstances directly interfering with the supply of goods/work/service arising during the execution of order such as war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, floods, earthquakes, explosions, epidemics, quarantine restrictions, strikes, lockouts, or acts of God, the Bidder shall, within a week from the commencement thereof, notify the same in writing to the Purchaser with reasonable evidence thereof. Either party shall have the option to terminate the contract on expiry of 90 days of commencement of such force majeure by giving 14 days "notice to the other party in writing. In case of such termination, no damages shall be claimed by either party against the other.

**27. Code of Ethics:**

The Purchaser as well as the Bidder shall observe the highest standard of ethics including laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988", during the procurement or execution of such supply orders. If the bidders are found in Bid pooling or against law against fraud and corruption then their firms may be blacklisted.

**28. Jurisdiction:**

In the event of any dispute the legal matter shall be subjected to the jurisdiction of Delhi Court only.

*We confirm with our acceptance to the instructions (S.No-1 to 28 above) as given above.*

**BIDDER'S NAME & SIGNATURE WITH SEAL**

*These duly signed "Terms & Conditions of the Tender" shall be attached with technical bid of the tender as a mark of acceptance of bidder and any tender not confirming these terms & conditions is liable to be rejected.*

**ANNEXURE-A**

**Details of Requirements and Technical Specifications of Equipment**

Name of the Equipment: **Networking Equipment & Accessories**

Sl.No	Name of the Equipment and Specifications	Quantity (in Nos.)
1	Switch 24 Ports 10 Base-T/100 Base-TX, Console/1000 Base-T(PoE)+4X SFP(mini-GBIC) with 64MB Flash, Secure Shell(SSH),Rack Mountable(1 RU),Connector RJ45,SFP (mini-GBIC),mini-USB type-B, Manageable, supporting protocol HTTP,HTTPS ,Telnet, TFTP,RMON 9, SNMP 3, Rack Mounting kit,Performance value 176 GBPS,41.7 Mpps with Fibre Convertor Module 4*1 G SFP, Indicators for loop detection, gigabit,*mini-GBIC*,Should support IEEE Standards of Ethernet: IEEE 802.1D, 802.1s, 802.1w, 802.1x, 802.3ad, 802.3x, 802.3ah, 802.1p, 802.1Q, 802.3, 802.3u, 802.3ab, 802.3z, 802.3az, should have 802.1p class of service, marking, classification, policing and shaping, Should support strict priority queuing.	3
2	Switch 24 Ports 10/100/1000 Ethernet + 2 SFP with Unmanaged, Automatic medium dependent interface(MDI) and MDI crossover(MDI-X), Auto-negotiated port for connecting 10,100,1000-Mbps devices, Indicators for loop detection, Gigabit,*mini-GBIC*,Must have minimum 16 SSIDs. Should support detecting and classifying non Wi-Fi wireless transmissions. Should support radio resource management for power, channel, coverage hole detection and performance optimization.	4
3	Wireless Router Indoor with Dual Band controller-based 802.11 a/g/n, 2X2 multiple- input multiple- output (MIMO),With 2 spatial streams,MRC,20 and 40 MHz channels,PHY data rates up to 300Mbps, 802.11 DFS,CSD support, integrated Antenna, transmit power settings, interface 10/100/1000 Base-T autosensing (RJ-45), Management Console ,port (RJ-45), DC Power Connector, Indicators for status LED, Boot loader, Association ,Operating, boot loader warning, boot loader errors, 128 MB Flash,802.11i, Wi-Fi Protected Access 2(WPA2),WPA,AES and TKIP. Must have minimum 16 SSIDs. Should support detecting and classifying non Wi-Fi wireless transmissions. Must operate as a sensor for wireless IPS.	14
4	Wireless Router Outdoor with 2X3 multiple input multiple output(MIMO) with two spatial streams,20 and 40 -MHz channels, A-MPDU(Tx/Rx),A-MSDU(Tx/Rx),802.11 DFS,SCD support, support direct Ethernet connections between wirelessHART gateways residing in two colocated, Access	6

	points for WirelessHART gateway redundancy, Data rate supported 802.11n data rates(2.4 GHz and 5 GHz), Network interface 10/100/1000BASE-T Ethernet, Autosensing(RJ-45), Environmental humidity 0-100%(condensing), Environmental Ratings IP67 and NEMA Type4.Antenna Gain included omni directional antenna(6 dBi,omni)with 50 foot cable, 802.11i, Wi-Fi Protected Access 2(WPA2), WPA, AES and TLIP, EAP-PEAP,EAP-TLS,EAP-TTLS,VPN Pass-through, IP Sec, Layer 2 Tunneling Protocol(L2TP)	
5	9U" Rack with PDU, Cable Manager and Hardware kit	6
6	CAT 6 cable 305 Meters Box(Copper)	5
7	LC to LC Fiber Patch Cord 2 Mtrs	10
8	Patch Pannel Loaded 24 port CAT 6	5
9	I/O's with Face plate and Gang Box	50
10	Patch Cord 1 Mtrs Moulded	50
11	Media convertor Fiber to Ethernet Copper to Fiber 1000 Base-T to 100Base FX, Extend network distances up to 160km,SC, ST and LC fiber connector options, Multimode and single mode fiber, SX, LX, LH, EX, ZX, BX fiber support,Smart Link Pass-Through, Fiber Fault Alert,Auto-MDIX and Loopback	10
12	4 Core Fiber Optic Cable(Multi mode)	500 Mtrs

**Note:**

- (i)All equipment should be compatible with 220 V Single Phase, 50 Hz supply. Electrical wiring for interconnection of the equipments up to main supply wherever necessary should be supplied along with equipment.

**ANNEXURE -B**

**(Undertaking from Bidder on Letter Head)**

To,  
The Chief General Manager  
NSIC- Technical Services Centre,  
Okhla, Phase III, Near Govindpuri Metro station,  
New Delhi-110020

Sir,  
Subject: Undertaking for the participation in the tender No. NTSC/COMPTRG/NETWORKING DEVICE/2017/34 due for opening of technical bid on 27<sup>th</sup>, September 2017.

Dear Sir,

HAVING EXAMINED AND PERUSED THE FOLLOWING DOCUMENTS

1. Notice Inviting Tender
2. Terms and Conditions
3. Technical Specifications of equipment (Annexure-A)
4. Annexure – C (Technical Bid)
5. Annexure – D (Commercial Bid)

I/We .....do hereby submit the above tender in prescribed formats duly completed in all respects in accordance with the conditions applicable. If this tender is accepted, I/We agree to abide by and fulfill all the terms and conditions in the tender documents

I/We hereby distinctly and expressly declare and acknowledge that before the submission of this tender, I/We have carefully followed the instructions and I/We have understood the existing system of supply at the location(s) of purchaser including the scope and nature of duties expected from the Bidder.

I/We distinctly agree that I/We would hereafter make no claim or demand upon the purchaser based upon or arising out of any alleged misunderstanding or misconceptions or mistake on my/our part of the said stipulations, restrictions and conditions.

I/ We declare that our unit has never made any default in supplying the equipment to Government / Semi Government/ Central or State Public sector enterprise(s) in terms of quality and financial agreed supply conditions.

I/We declare that.....company has been regular in supplying & Installing /manufacturing, supplying & installing the equipment quoted from last ..... number of years.

I/ We shall provide services during the warranty period towards the repairing or replacing of any faulty equipment reported. The fault shall be attended by our engineers within one working day of reporting.

Any notice required to be served on me/us shall be sufficiently served on me/us by post (registered or ordinary) or courier or left at my/our address furnished herein.....

I/We fully understand the terms and conditions in the tender documents.  
I/We understood that the purchaser is not bound to accept any proposal that it may receive without assigning any reason.

Dated this.....day of.....2017

Authorized Signatory with Seal

**ANNEXURE-C**

**FORMAT & REQUIREMENTS FOR SUBMITTING TECHNICAL BID**

1. **Tender Ref. No:** NTSC/COMPTRG/NETWORKING DEVICE/2017/34
2. **Name of Bidder:** .....
3. **Complete office address of Bidder:** .....
4. Name of Authorized Person to be contacted regarding bid:.....
5. Email Id:.....
6. Landline Phone No:.....
7. Mobile Phone No:.....
8. Website:.....
9. GSTIN No:.....
10. PAN No:.....
11. Warranty:.....
12. Contact details for After Sales Services: Address.....  
Mobile No.....E-mail ID:.....
13. Validity of Commercial Bid(Minimum 90 Days):
14. **Tender fee payment details** (if tender document downloaded from website)  
Details of DD/RTGS/NEFT by which tender fee Paid.....
15. **EMD payment details** (Not applicable if the bidder is holding valid registration/  
exemption certificate, as per Para 10 (c) of Terms & conditions):  
Details of DD/RTGS/NEFT by which EMD paid  
.....  
The EMD of Rs. 30,000/- (Rupees Thirty Thousand Only) shall be submitted.



**16. Technical Specifications for the supply of Equipment and Accessories to be indicated with Brand Name & Model Number:**

Sl.No	Name of the Equipment and Specifications	Brand Name & Model Number	Acceptance for All (Y/N)
1	Switch 24 Ports 10 Base-T/100 Base-TX, Console/1000 Base-T(PoE)+4X SFP(mini-GBIC) with 64MB Flash, Secure Shell(SSH),Rack Mountable(1 RU),Connector RJ45,SFP (mini-GBIC),mini-USB type-B, Manageable, supporting protocol HTTP,HTTPS ,Telnet, TFTP,RMON 9, SNMP 3, Rack Mounting kit, Performance value 176 GBPS,41.7 Mpps with Fibre Convertor Module 4*1 G SFP, Indicators for loop detection, gigabit,*mini-GBIC*,Should support IEEE Standards of Ethernet: IEEE 802.1D, 802.1s, 802.1w, 802.1x, 802.3ad, 802.3x, 802.3ah, 802.1p, 802.1Q, 802.3, 802.3u, 802.3ab, 802.3z, 802.3az, should have 802.1p class of service, marking, classification, policing and shaping, Should support strict priority queuing.		
2	Switch 24 Ports 10/100/1000 Ethernet + 2 SFP with Unmanaged, Automatic medium dependent interface(MDI) and MDI crossover(MDI-X), Auto-negotiated port for connecting 10,100,1000-Mbps devices, Indicators for loop detection, Gigabit,*mini-GBIC*,Must have minimum 16 SSIDs. Should support detecting and classifying non Wi-Fi wireless transmissions. Should support radio resource management for power, channel, coverage hole detection and performance optimization.		
3	Wireless Router Indoor with Dual Band controller-based 802.11 a/g/n, 2X2 multiple- input multiple- output (MIMO),With 2 spatial streams,MRC,20 and 40 MHz channels,PHY data rates up to 300Mbps, 802.11 DFS,CSD support, integrated Antenna, transmit power settings, interface 10/100/1000 Base-T autosensing (RJ-45), Management Console ,port (RJ-45), DC Power Connector, Indicators for status LED, Boot loader, Association ,Operating, boot loader warning, boot loader errors, 128 MB Flash,802.11i, Wi-Fi Protected Access 2(WPA2),WPA,AES and TKIP. Must have minimum 16 SSIDs. Should support detecting and classifying non Wi-Fi wireless transmissions. Must operate as a sensor for wireless IPS.		

4	Wireless Router Outdoor with 2X3 multiple input multiple output(MIMO) with two spatial streams,20 and 40 -MHz channels, A-MPDU(Tx/Rx),A-MSDU(Tx/Rx),802.11 DFS,SCD support, support direct Ethernet connections between wirelessHART gateways residing in two colocated, Access points for WirelessHART gateway redundancy, Data rate supported 802.11n data rates(2.4 GHz and 5 GHz), Network interface 10/100/1000BASE-T Ethernet, Autosensing(RJ-45), Environmental humidity 0-100%(condensing), Environmental Ratings IP67 and NEMA Type4.Antenna Gain included omni directional antenna(6 dBi,omni)with 50 foot cable, 802.11i, Wi-Fi Protected Access 2(WPA2), WPA, AES and TLIP, EAP-PEAP,EAP-TLS,EAP-TTLS,VPN Pass-through, IP Sec, Layer 2 Tunneling Protocol(L2TP)		
5	9U" Rack with PDU, Cable Manager and Hardware kit		
6	CAT 6 cable 305 Meters Box(Copper)		
7	LC to LC Fiber Patch Cord 2 Mtrs		
8	Patch Pannel Loaded 24 port CAT 6		
9	I/O's with Face plate and Gang Box		
10	Patch Cord 1 Mtrs Moulded		
11	Media convertor Fiber to Ethernet Copper to Fiber 1000 Base-T to 100Base FX, Extend network distances up to 160km,SC, ST and LC fiber connector options, Multimode and single mode fiber, SX, LX, LH, EX, ZX, BX fiber support,Smart Link Pass-Through, Fiber Fault Alert, Auto-MDIX and Loopback.		
12	4 Core Fiber Optic Cable(Multi mode)		

17. **Delivery period after receipt of supply order from purchaser:** *(The purchaser interested for complete delivery of equipment by the bidder within forty five (45) calendar days from the date of issue of supply order. However, the bidder have an option to submit the best delivery time, but in any case the delivery should be before 45 days from the date of issue of supply order by purchaser.*  
Delivery to be completed *in* number of days ..... (Calendar Days) for delivery from the date of issue of supply order by purchaser.

18. **Details of address with contact details from where the bidder planned to offer After Sales Services during the Warranty & after warranty Maintenance period :**

#	Location
	New Delhi
Details of address of bidder for rendering After Sales Services	

19. **Details of address with contact details for at least three (03) purchaser to whom the bidder supplied similar equipment in the last three (03) years and equipment shall be in operations to the satisfaction of buyer for the last three (03) years:** *The format for submission of details for at least three purchaser are as under: (the bidder can furnish details of even more than three purchaser)*

- a. Address of Purchaser with contact details (email and phone no.): .....
- b. Details of order for supply placed to bidder: .....
- c. Description and quantity of ordered equipment: .....
- d. Value of order in rupees: .....
- e. Date of completion of delivery: .....

***(The purchaser shall have liberty to contact any or all of purchaser to assess the performance of equipment supplied by bidder)***

20. I/We as bidder agree that:

- a. If our bid is accepted, we shall supply each equipment & accessories in compliance to specifications and quantity defined in Annexure-A without any deviation.
- b. The tender shall remain valid for acceptance for 90 days from the date of opening the Technical Bid of the tender.
- c. Agree to offer services for onsite comprehensive warranty on the equipment(s) supplied through this tender.
- d. No price of any Equipment/ Accessories shall be given in Technical Bid.

21. **Documents - Details to be enclosed with the Technical bid by bidder are as under:**

- a) To avail benefit of Public Procurement Policy by SC/ST Micro & Small Enterprises, the requirement of documents to substantiate their claim (As per Para 13 of this tender) shall be submitted with Technical Bid.
- b) Undertaking as per annexure-B on Company's Letter head.
- c) A copy of Authorized Dealership Certificate.
- d) Duly signed all pages of "Terms and Conditions" of the tender document as a mark of acceptance.
- e) Technical Literature/Brochure of equipment(s) with particular reference to the model of equipment proposed to supply against this tender along with reference of website to assess the further features.

- f) Authorization letter in favor of personnel signing the tender on behalf of bidder.
- g) Self-attested copy of valid certificate for claiming EMD& Tender fee exemption.
- h) Self-attested copy of valid GST registration.
- i) Self-attested copy of valid PAN.
- j) To submit all supporting information with respect to the technical data, drawings or booklets of equipment. Any product brief, test certificates available may be enclosed.

Name & Signature of the authorized bidder with stamp  
Contact details of authorized person of bidder who have signed the tender.

Name.....  
Designation.....  
Phone (office).....  
Phone (Mobile).....  
E mail.....

Annexure –“D”

**FORMAT FOR SUBMISSION OF COMMERCIAL BID**

1. Tender Ref. No: NTSC/COMPTRG/NETWORKING DEVICE/2017/34
2. Name of the Bidder: .....
3. The financial offer to execute the **supply of Equipment** as per the tender to **NSIC- Technical Services Centre, New Delhi:**

#	Details	Quantity to be supplied (In No.)	Price per unit of Equipment (In Rs.)*	GST Rate (%)	GST Value (in Rs.)	Unit Price of Equipment with GST (C+E) (In Rs.)	Total Price of Equipment (Multiply B and F ) (i.e., Landed Price) (in Rs.)**
	A	B	C	D	E	F	G
1.	Switch 24 Ports 10 Base-T/100 Base-TX, Console/1000 Base-T(PoE)+4X SFP(mini-GBIC) with 64MB Flash, Secure Shell(SSH),Rack Mountable(1 RU),Connector RJ45,SFP (mini-GBIC),mini-USB type-B, Manageable, supporting protocol HTTP,HTTPS ,Telnet, TFTP,RMON 9, SNMP 3, Rack Mounting kit,Performance value 176 GBPS,41.7 Mpps with Fibre Convertor Module 4*1 G SFP, Indicators for loop detection, gigabit,*mini-GBIC*,Should support IEEE Standards of Ethernet: IEEE 802.1D, 802.1s, 802.1w, 802.1x, 802.3ad, 802.3x, 802.3ah, 802.1p, 802.1Q, 802.3, 802.3u, 802.3ab, 802.3z, 802.3az, should have 802.1p class of service, marking, classification, policing and shaping, Should support strict priority queuing.	03					

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b> --
2	<p>Switch 24 Ports                      10/100/1000 Ethernet + 2 SFP with Unmanaged, Automatic medium dependent interface(MDI) and MDI crossover(MDI-X), Auto-negotiated port for connecting 10,100,1000-Mbps devices, Indicators for loop detection, Gigabit,*mini-GBIC*,Must have minimum 16 SSIDs. Should support detecting and classifying non Wi-Fi wireless transmissions. Should support radio resource management for power, channel, coverage hole detection and performance optimization.</p>	<b>04</b>					
3	<p>Wireless Router Indoor with Dual Band controller-based 802.11 a/g/n, 2X2 multiple- input multiple- output (MIMO),With 2 spatial streams,MRC,20 and 40 MHz channels,PHY data rates up to 300Mbps, 802.11 DFS,CSD support, integrated Antenna, transmit power settings, interface 10/100/1000 Base-T autosensing (RJ-45), Management Console ,port (RJ-45), DC Power Connector, Indicators for status LED, Boot loader, Association ,Operating, boot loader warning, boot loader errors, 128 MB Flash,802.11i, Wi-Fi Protected Access 2(WPA2),WPA,AES and TKIP. Must have minimum 16 SSIDs. Should support detecting and classifying non Wi-Fi wireless transmissions. Must operate as a sensor for wireless IPS.</p>	<b>14</b>					

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>
4	Wireless Router Outdoor with 2X3 multiple input multiple output(MIMO) with two spatial streams,20 and 40 -MHz channels, A-MPDU(Tx/Rx),A-MSDU(Tx/Rx),802.11 DFS,SCD support, support direct Ethernet connections between wirelessHART gateways residing in two colocated, Access points for WirelessHART gateway redundancy, Data rate supported 802.11n data rates(2.4 GHz and 5 GHz), Network interface 10/100/1000BASE-T Ethernet, Autosensing(RJ-45), Environmental humidity 0-100%(condensing), Environmental Ratings IP67 and NEMA Type4.Antenna Gain included omni directional antenna(6 dBi,omni)with 50 foot cable, 802.11i, Wi-Fi Protected Access 2(WPA2), WPA, AES and TLIP, EAP-PEAP,EAP-TLS,EAP-TTLS,VPN Pass-through, IP Sec, Layer 2 Tunneling Protocol(L2TP)	<b>06</b>					
5	9U" Rack with PDU and Cable Manager	<b>06</b>					
6	CAT 6 cable 305 Meters Box	<b>05</b>					
7	LC to LC Fiber Patch Cord 2 Mtrs	<b>10</b>					
8	Patch Pannel Loaded 24 port CAT 6	<b>05</b>					
9	I/O's with Face plate and Gang Box	<b>50</b>					
10	Patch Cord 1 Mtrs Moulded	<b>50</b>					

	A	B	C	D	E	F	G
11	Media convertor Fiber to Ethernet Copper to Fiber 1000 Base-T to 100Base FX, Extend network distances up to 160km, SC, ST and LC fiber connector options, Multimode and single mode fiber, SX, LX, LH, EX, ZX, BX fiber support, Smart Link Pass-Through, Fiber Fault Alert, Auto-MDIX and Loopback	<b>10</b>					
12	4 Core Fiber Optic Cable(Multi mode)	<b>500 Mtrs</b>					
13	<b>Grand Total Price for All Equipment for the supply of quantity as detailed above(In Rs.)</b>						
<p><b>Grand Total Price for All Equipment for the supply of quantity as detailed above(In Rs.) in Words</b></p> <p>.....</p> <p>.....</p>							

**\* Price per unit of Equipment inclusive of Basic Price, Transportation, Incidental Services like Insurance, Loading/ Unloading, Packing & Forwarding charges etc.,**

**\*\*Note: The Grand Total Price (indicated in Row 13 above i.e., Total Landed price inclusive of GST) shall be considered, while selecting the Party on Lowest Offered Price.**

The following points to be noted while submitting financial details for the supply of equipment to the individual location:

- a. The Purchaser shall compare the “**Grand Total Price for all Equipment**” of all the qualified bids to determine the lowest bid/bids for the supply of equipment at the designated site.



I/We as bidder certify that:

- a. Agree to offer services for onsite comprehensive warranty on the equipment supplied through this tender.
- b. Agree that the offer price is valid for a period of 90 days from the date of opening of technical bid of this tender. No request for escalation on the price shall be entertained during this period.

Further confirm that we agree with the terms and conditions specified in this Tender and if selected, the execution of supplies would be made in compliance.

Name & Signature of the authorized bidder with stamp  
Contact details of authorized person of bidder who have signed the tender.  
Name.....  
Designation.....  
Phone (office).....  
Phone (Mobile).....  
E mail.....