

**NOTICE INVITING TENDER (NIT)**

Oil Industry Development Board (OIDB) invites bids from reputed and financially sound organizations having sufficient experience & expertise in providing services for Annual Maintenance Contract of LAN & Voice Network at OIDB Bhawan Sector-73 Noida, as per the following schedule:

Sl.	Item	Description
1.1	Scope of Work	AMC of LAN and Voice Network of OIDB Bhawan.
1.2	Type of bid	Two bid system: (i) Technical bid (ii) Price bid as per Schedule of Rates (SOR)
1.3	Availability of bid document	Central Public Procurement Portal - <a href="https://eprocure.gov.in">https://eprocure.gov.in</a> OIDB Website - <a href="http://www.oidb.gov.in">www.oidb.gov.in</a>
1.4	Tender Document Fee	NIL (Free downloadable from <a href="https://eprocure.gov.in">https://eprocure.gov.in</a> )
1.5	Online submission of technical bid & price bid.	Central Public Procurement Portal - <a href="https://eprocure.gov.in">https://eprocure.gov.in</a>
1.6	Earnest Money Deposit (EMD)	Rs. 35,400/- through NEFT/RTGS in favour of OIL INDUSTRY DEVELOPMENT BOARD A/C No. 11084240909 State Bank of India, Main Branch, Parliament Street, New Delhi. IFSC: SBIN0000691
1.7	Tender upload date	27.2.2019 at 10 hrs.
1.8	Start date & time of online submission of bids.	27.2.2019 from 11 hrs.
1.9	Pre bid meeting date & time.	8.3.2019 at 11 hrs.
1.10	Last date and time for online submission of technical and price bid.	20.3.2019 up to 11 hrs.
1.11	Date & time of online opening of technical bid.	22.3.2019 at 10 hrs.
1.12	Contract period	1 Year
1.13	Estimated cost including all taxes & duties.	Rs 7.08 Lakh
1.14	Security Deposit	10% Performance security on contract value.
1.15	Validity of offers	120 days from the date of opening of bids.
1.16	Contact person	DCF&AO (GD), OIDB Bhawan, Sector-73, Noida

<b>2</b>	<b>PREQUALIFICATION CRITERIA (PQ)</b>
2.1	Bidder should have valid licence for AMC of LAN & Voice Network.
2.2	Bidder should have valid PAN, PF, ESI and GST registration.
2.3	Bidder should have Registered/branch office in Delhi-NCR Region.
2.4	Bidder should have experience of similar work from CPSUs/State PSUs/Central or State Govt./Semi Govt./MNCs.
2.5	Similar work means experience and expertise of LAN & Voice Network consisting of components of Nortel, Cisco & other makes as per Annexure - I.
2.6	Average annual financial turnover during the last 3 years, ending 31 <sup>st</sup> March 2018, should be at least 30% of estimated cost i.e. Rs 2.13 Lakhs.
2.7	Bidder should have experience of having successfully completed similar work during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following: a) Three similar completed works each costing not less than the amount equal to 40% of the estimated cost i.e. Rs 2.83 Lakhs Or b) Two similar completed works each costing not less than the amount equal to 50% of the estimated cost i.e. Rs 3.54 Lakhs Or c) One similar completed work costing not less than the amount equal to 80% of the estimated cost i.e. Rs 5.66 Lakhs
2.8	Offer of bidder who is under liquidation and/or whose net worth going negative will not be considered. A declaration/undertaking to this effect shall be submitted by bidder mandatorily.
2.9	Bidder should not be on holiday list/black listed by OIDB or any of Govt./PSU/MNC. A declaration/undertaking to this effect shall be submitted by bidder mandatorily.
2.10	Documentary proof in respect of prequalification criteria 2.1 to 2.9 should be submitted with technical bid for qualification.
2.11	Bidder also to submit Annexure- III with supporting documents for qualification.
<b>3</b>	<b>TERMS &amp; CONDITIONS</b>
3.1	Tender document should be submitted with covering letter having index in which information of attached documents be given serial number wise like name of the document with page number etc. Proper page numbering should be done of all documents uploaded on Central Public Procurement Portal <a href="https://eprocure.gov.in">https://eprocure.gov.in</a>
3.2	All pages of the Tender Document are to be signed by the authorized signatory with stamp of the bidding firm as token of having accepted all the terms and conditions of the tender. Person signing the bid or other documents attached with tender must clearly write his/her name and also specify the designation.
3.3	OIDB reserves the right to annul the process of tendering at any time without assigning any reason. OIDB reserves the right to reject any or all the tenders without assigning any reason. OIDB also reserves the right to change any condition of the tender before submission of the bids.
3.4	Bidder must acquaint himself/herself of the site and conditions prevalent and the LAN & Voice Network system of OIDB Bhawan at their own cost and convenience.

3.5	Validity of bid should be 120 days from the date of tender opening. Bids with validity less than 120 days shall not be considered.
3.6	Bids received without the prescribed Earnest Money Deposit shall be rejected. EMD of the unsuccessful tenderer will be returned, without interest, within a period of three months from the date of award of contract to the successful bidder. EMD of the successful bidder is liable to be forfeited if the bidder does not sign an agreement in the prescribed form attached at Annexure-IV within fifteen days of the receipt of the Letter of Award. EMD waiver for SMEs will be as per government guidelines. A certificate of SME status will be required mandatorily. EMD of the successful bidder can be adjusted against the security deposit/performance security deposit as per bidder's consent.
3.7	Price bid of technically qualified bidders only shall be opened.
3.8	Successful bidder shall furnish Security Deposit/Performance Bank Guarantee within 10 days from the date of Letter of Award (LOA) as per attached proforma at Annexure-V or Demand Draft or Fixed Deposit Receipt (original) made in favour of OIDB for an amount equal to 10% of the contract value. Performance security/SD shall remain valid for a period of 60 days beyond the date of completion of all contractual obligations.
3.9	Successful bidder shall become contractor hence the term bidder and contractor as appearing in this tender document shall denote same person before and after the award of contract respectively. The expression "bidder" shall mean the "contractor" wherever appearing for the purpose of the contract.
3.10	Sub-letting of contract is not allowed. Splitting of the work is also not envisaged in this contract.
4	<b>SCOPE OF WORK</b>
4.1	<p>Background:</p> <p>Oil Industry Development Board (OIDB) is having an office complex spread over a plot area of 16000 SQM. It has built up area of 24000 SQM. Building is constructed in 4 blocks with a rectangular formation. Three blocks "A, B &amp; C" are with G+3 construction while the fourth block "D" with G+9 construction. There are two basements in OIDB Bhawan. Complete office space has been provided with LAN &amp; Voice Network installed and commissioned by WIPRO Networks. The details of switches and other hardware used is as per Annexure-I. Summary of total number of Switch/Network Rack is provided in Annexure-II.</p> <p>The existing LAN in Block G+9 from ground floor to 4th floor comprises of (a) active h/w components in form of Layer 3 &amp; Layer 2 network switches (b) passive h/w components in the form of optical fibre cable, copper Ethernet cable, patch panels and input/output boxes. The LAN originates from one core switch (Nortel 8393 SF Layer 3 switch) at fourth floor. The core switch connects 18 numbers of distribution switches (Nortel 4548 GTX L2) located across five floors from ground floor to fourth floor through indoor optical fibre cables/copper Ethernet cables, with break-up of (i) Layer 2 Switch - 2 nos. at ground floor, 3 nos. at first floor, 3 nos. at second floor, 4 nos. at third floor and 6 nos. at fourth floor (ii) Layer 3 switch – 1 no. at fourth floor.</p>

	<p><b>It may be noted that the active components of LAN in Block G+9 from ground floor to fourth floor i.e. one number of core switch Nortel 8393 SF Layer 3 and eighteen number of distribution switches Nortel 4548 GTX L2 will be replaced with CISCO make Layer 3 and Layer 2 switches in about 4 months' time by the user of said active components of LAN and contractor shall ensure uninterrupted availability of LAN &amp; Voice Service of the said area in Block G+9 under AMC provisions for the said 4 months. However if the period for replacement for any reason gets extended, AMC for said portion shall also get extended on the same rates for further period as may be notified to the contractor.</b></p>
4.2	Contractor will ensure uninterrupted availability of LAN & VOICE Services covering entire OADB Complex and all users as mentioned in SOR.
4.3	Contractor will attend to complaint/breakdown and fixing on same day and within working hours. In case of Emergency/high workload, the contractor will depute additional engineers & other resources at own cost to clear all the breakdowns so as to maintain a near 100% uptime of the network. There will be no limit to the number of visits for attending to the breakdowns/complaints. AMC cost will include the routine maintenance visits as at clause 4.4 and the breakdown/complaint visits. No separate charges will be payable for attending & rectification of breakdown call and other complaints.
4.4	A maintenance check-list, based on best engineering practices, shall be submitted by contractor to OADB for approval soon after award of the contract. Service engineer/team will visit for preventive maintenance of the entire LAN & Voice Network system once in a fortnight i.e. 24 visits in a year mandatorily from 9am to 5:30pm. Contractor will perform preventive maintenance based on non-destructive methods as per manufacturer instructions and best engineering practices. Vacuum cleaner arranged by contractor at own cost shall be essentially used for any cleaning work. Cleaning of panel, components, etc. with air blower is prohibited.
4.5	AMC will include maintenance and/or repair and/or replacement of existing IO's and other equipment & its parts listed in Annexure-1 & II, optical fibre & Cat-6 cables, its laying in conduits, raceways, monitoring of the optical fibre/UTP segment time to time, to check proper connectivity, crimping of connectors and I/O connectors. Maintenance and/or repair and/or replacement of Ether switches, fibre patch cord, UTP patch cord, Duplex phase plate, etc. are also included.
4.6	Replacement of equipment or its parts is to be considered by contractor as last resort only. Valid reason(s) for replacement of equipment are to be submitted for consideration & approval of OADB. The defective equipment is to be replaced at the earliest. However the cost of new equipment will be reimbursed by OADB as per tax invoice and material challan which is to be verified by OADB at the time of entry into OADB premises. Defective equipment/part replaced with a new supplied equipment/part will remain as the property of OADB.
4.7	The AMC will also include all relevant activities and works not specifically stated above but which may be required for AMC of LAN and Voice Network.
4.8	In case an equipment or a part is to be taken outside for servicing to service centre, the bidder will provide a free of cost stand-by equipment/part. If the component needs time then an alternate temporary arrangement will be made free of cost by the contractor to ensure 100% availability of LAN & Voice Network.

4.9	Contractor will take over entire installation "as is where is basis" and hand over entire LAN & Voice Network at the time of completion/termination of the contract in good working condition.
4.10	Contractor will submit progress report indicating important events and maintenance work done every month. Contractor will maintain printed log book for recording of maintenance & breakdown work carried out. Printed log book for this purpose shall be arranged by contractor at own cost.
4.11	Services of OEM will be taken by the contractor at own cost to attend to the any breakdown in case in-house expertise is not sufficient or not available with the contractor.
4.12	All costs toward maintenance and repair of LAN & Voice Network will be to the account of contractor.
4.13	Contractor will keep & provide all necessary tools, tackles, testing instrument, etc. free of cost for attending to repair & maintenance work on LAN & Voice Network.
4.14	All safety measures to be taken as required under law shall be the responsibility of the contractor.
4.15	While carrying out the work utmost care would be taken by contractor to ensure that property of the OIBD is not damaged. In case any equipment or part thereof is damaged due to any reason contractor will have to make good the losses either by repair or by replacement as the case may be at own cost.
4.16	It shall be the responsibility of contractor to keep all the equipment and the surrounding area neat and clean.
4.17	Contractor will ensure the safety of the persons deployed by them and contractor himself will be responsible for the same. Contractor will indemnify OIBD for any mishap, injury, accident to the persons deployed by him for the job at OIBD Bhawan.
4.18	In case contractor fails in fulfilling obligations under the contract, OIBD shall engage services of OEM/third agency at the risk and cost of the contractor.
<b>5</b>	<b>Contract Period</b>
5.1	The duration of the contract shall initially be for a period of one year and may be extended for a further period of one year subject to contractor's satisfactory performance, on the same rates, terms and conditions at the sole discretion of OIBD.
<b>6</b>	<b>Payment Terms</b>
6.1	Payment for AMC will be released on quarterly basis on submission of bills and maintenance log book for the services rendered. TDS and any other Government levy applicable shall be deducted out of the bill amount as per rules and regulations.
6.2	Contractor shall submit bill along with undertaking that they have complied all the statutory obligations. Payment of the contractor's bill shall be released on satisfactory performance within 30 days of the submission of the bill.
6.3	In the event of any query, objection, delay or dispute with regard to any bill or a part thereof, the contractor shall not be entitled to any interest for late payment.
6.4	Payment will be made through Electronic Funds Transfer NEFT/RTGS. For this contractor shall submit a crossed cheque. Bank charges will be to contractor's account.
6.5	Income tax deduction shall be made from all payments as per provisions of income tax act as applicable. Contractor will indicate PAN and GST registration number on

	the bill. In addition, OIDB shall be entitled to deduct any statutory tax and duly as may be applicable.
<b>7</b>	<b>Statutory obligations</b>
7.1	In the event of violation of any contractual or statutory obligations contractor shall be responsible and liable for the same. Further, in the event of any action, claim, damages, suit initiated against OIDB by any individual, agency or government authority due to acts of the contractor, the contractor shall be liable to make good/compensate such claims or damages to the OIDB. As a result of the acts of the contractor, if the OIDB is required to pay any damages to any individual, agency or government authority, the contractor would be required to reimburse such amount to the OIDB or the OIDB reserves the right to recover such amount from the payment(s) due to the contractor while settling his/her bill or from the amount of security deposit of the contractor lying with OIDB.
7.2	It will be the responsibility of contractor to comply with the statutory requirements related with the contract including the Provident Fund and Employees State Insurance for the persons engaged by the contractor for the job. Contractor will adhere to all the laws, rules and regulations that may be in force from time to time concerning the employment or service conditions of its employees.
<b>8</b>	<b>Penalty</b>
8.1	Penalty equal to 2% of contract value per day subject to a maximum of 10% may be imposed on contractor for not carrying out the job and services properly under the contract. For repeated default contract is liable to be terminated.
8.2	In case, any of the job(s) mentioned in the scope of work are not executed/attended except due to force majeure conditions, the same can be carried out from the market at contractor's risk and cost. The cost at which work is got executed plus 25% extra as administrative cost shall be charged to contractor.
8.3	Entire LAN & Voice Network should be in working conditions during the contract period. In case of failure of any equipment/part during the contract period the same shall be repaired or got repaired from OEM/third agency by the contractor at own cost. Failure to carry out the repair/replacement of equipment or its part by contractor for more than a period of 15 days shall authorise OIDB to terminate the contract.
<b>9</b>	<b>Arbitration</b>
9.1	Dispute, if any, arising out of the contract, shall be settled by mutual discussion, failing which, the dispute shall be referred to arbitrator to be appointed by Secretary, OIDB and arbitration shall be considered as per Arbitration Act. It is fully understood by the contractor that amendment in Arbitration Act does not permit internal/departmental arbitrator unless specifically waived by the parties. Pursuant thereto contractor expressly consent to appointment of any person as an arbitrator

	by OADB whenever the need arises. Notwithstanding the place where the work under this contract is to be executed, the courts of Delhi alone shall have the jurisdiction over all matter concerning this contract.
10	<b>Termination</b>
10.1	For premature termination of the agreement, three months' notice from Either side shall be required in writing. The decision of the competent authority in OADB shall be final and binding on contractor.
10.2	OADB reserves the right to terminate the contract at any time if the services are found unsatisfactory resulting in the forfeiture of performance security deposit. OADB also has the right to award the contract to any other agency at the cost, risk and responsibilities of contractor and excess expenditure incurred on account of this will be recovered by OADB from security deposit or pending bill or by raising a separate claim. However, the agreement can be terminated by the contractor by giving three months' notice in advance. If the agency fails to give three months' notice in writing for termination of the agreement then three month's payment, etc. and any amount due to the agency from OADB shall be forfeited.
10.3	Contract can be terminated by OADB if any document/representation of the bidder is found to be incorrect/false and/or the contractor fails to perform its obligations and duties as enumerated in the tender document and/or fails to remedy the breach within 7 days of notice by OADB.
10.4	If the contract is terminated by the contractor without giving stipulated period of notice or fails to observe the terms & conditions of the letter of award for the contract and the agreement signed by the contractor with OADB, the security deposit will be forfeited without prejudice to the OADB Management's right to proceed against the contractor for any damages that OADB suffers as a result of the breach of the aforesaid terms and conditions.
11	<b>Force Majeure</b>
11.1	Neither party will be liable for any claim on account of any loss, damage or compensation whatsoever, arising out of any failure to carry out the terms of this contract, where such failure is caused due to force majeure conditions like war, rebellion, mutiny, civil commotion, fire, riots, earthquake, drought, flood crop failure, or act of God or due to any restraint or regulation of the state or central government or a local authority. A notice of such occurrence is to be given to the other party in writing within 10 days from the date of occurrence of the force majeure condition, furnishing therewith documentary evidence supporting the invoking of the force majeure and will inform other party of the period for which the force majeure condition continued with documentary evidence thereof this effect.

**Annexure- I****Description of parts installed**

<b>Sl.</b>	<b>Item</b>	<b>Unit</b>	<b>Quantity</b>
1.	Ether Switch Type A, Nortel make	Nos.	31
2.	Ether Switch Type B, Nortel make	Nos.	4
3.	Ether Switch Type C, Nortel make	Nos.	1
4.	Ether Switch Type D, Nortel make	Nos.	1
5.	Rack (Server Room)( Data and Voice)	Nos.	2
6.	Rack (High End, for Data and Voice)	Nos.	2
7.	Rack (Low End, for Data and Voice)	Nos.	22
8.	Rack (Data and Voice) at IOCL 1 <sup>st</sup> Floor, G+3 Building	Nos.	1
9.	6 core Multimode Fibre Optic Cable	Mtr	1500
10.	12 Port rack mount fibre optic patch panel fully loaded including SC coupler & MM connector to terminate all fibre cores, 1U	Nos.	12
11.	24 Port rack mount fibre optic patch panel fully loaded including SC coupler & MM connector to terminate all fibre cores, 2U	Nos.	4
12.	SC-SC/LC multimode one metre fibre optic patch cord, duplex (one end as per SFP port)	Nos.	72
13.	Information outlet (I/O) data, blue colour	Nos.	1374
14.	Information outlet (I/O) data, yellow colour	Nos.	1172
15.	Quad face plate	Nos.	130
16.	Duplex face plate	Nos.	1221
17.	Blank inserts	Nos.	344
18.	48 port data jack panel, Giga speed	Nos.	31
19.	24 port data jack panel, Giga speed	Nos.	4
20.	48 port voice jack panel, Giga speed	Nos.	34
21.	24 port voice jack panel, Giga speed	Nos.	14
22.	48 port voice jack panel, Giga speed	Nos.	34

23.	24 port voice jack panel (Resource)	Nos.	14
24.	7 ft. rack end data CAT-6 mounting cord Giga speed, blue colour	Nos.	1374
25.	3 ft. rack end data CAT-6 mounting cord Giga speed, blue colour	Nos.	1374
26.	3 ft. voice riser end CAT-6 mounting cord "Giga speed, blue colour	Nos.	1172
27.	4 pair CAT 6 UTP cable	Mtr	150000
28.	50 pair unarmoured jelly filled voice riser cabled	Mtr	1000
29.	25 mm dia. 16 gauge MS conduit including all accessories in recessed/surface including draw boxes, pull boxes, cutting of wall, floor, PCC and making good the same in case of recessed conduit complete as required	Mtr	12215
30.	16 gauge GI box suitable for installation of I/O	Nos.	200
31.	Cisco Switch	Nos.	1
32.	Jack Panel	Nos.	75

**Note:**

1. Item 5 to 29 are of AMP Net connect or D-link make
2. Inventory as mentioned above is indicative only. It may vary on actual check of the system.

**ACTIVE COMPONENTS**

1. Ether Switch (Type-A)

- 48 nos. of UTP ports of non-blocking wire speed 10/100/1000 mbps dedicated band width (min 96Gbps of Switch fabric, Min 70Mpps forwarding rate.
- 2 nos. of multimode fiber ports of 1000 mbps dedicated bandwidth
- Layer 3 switches which static & RIP protocols.
- Class of service/quality of service support.
- Broadcast & multicast storm control. Rate limiting per port based on various L2-L4 fields.
- DHCP Snooping, IGMP, MAC filtering, Dynamic ARP Inspection, ACL, RADIUS authentication support.
- Should support port mirroring.
- Support for IEEE 802, 1p (COS and DSCP classification & marking) and IEEE 802, 1q for data, voice and video.
- 8000 MAC addresses.
- Support for IEEE 802 1s for Multiple spanning tree, 802.1x for Port based network access control support.
- Support for Minimum 255 VLANs.
- Shall have Support for 10G switching modules.
- SNMP 1/2/3 based management support, Shall support DN's TFTP, NTP/SNTP.
- RMON (4groups) support.
- All necessary cables, 3-pin power cords for Indian environment, Console cables connectors, clamps and other accessories for mounting

## 2. Ether Switch (Type-B),

- 24 nos. of UTP ports of non-blocking, wire speed 10/100/1000 mbps dedicated bandwidth (min 48 Gbps of Switch fabric, Min 35Mpps forwarding rate)
- 2 nos. of multimode fiber ports of 1000 mbps dedicated bandwidth
- Layer 3 switches with static & RIP protocols.
- Class of service/quality of service support.
- Broadcast & multicast storm control. Rate limiting per port based on various L2-L4 fields.
- DHCP Snooping, IGMP, MAC filtering, Dynamic ARP Inspection, ACL, RADIUS authentication support.
- Should support port mirroring.
- Support for IEEE 802.1p (COS and DSCP classification & marking) and IEEE 802.1q for data, voice and video.
- 8000 MAC Addresses.
- Support for IEEE 802.1s for multiple spanning tree, 802.1x for Port based network access control support.
- Support for Minimum 255 VLANs.
- Shall have support for 10G switching modules.
- SNMP 1/2/3 based management support. Shall support DNS, TRTP, NTP/SNTP. RMON (4 groups) support.
- All necessary cables, 3-pin power cords for Indian environment, Console cables, connectors, clamps and other accessories for mounting.

## 3. Ether Switch (Type-C)

- Chassis based modular architecture with non-blocking wire speed performance.
- 24 nos. uplink Giga Multimode fiber ports (1000Base-SX) of 1000 mbps dedicated bandwidth.
- 48 nos. of UTP ports of non-blocking, wire speed 10/100/1000 mbps dedicated bandwidth.
- At least 2 spare expansion slot for Gigabit fiber/UTR Ports in future.
- Shall have support for 10G switching modules.
- Layer 3 switches with min switching capacity of 400 Gbps and min 300Mpps forwarding rate.
- Shall support multilayer switching. Shall be supplied with L3 routing features (OSPF, RIPv2, IGMP, VRRP etc.)
- Class of service / quality of service support.
- Support for IEEE 802.1p (COS and DSCP classification & marking) and IEEE 802.1q for data, voice and video.
- Broadcast & multicast storm control, Rate limiting per port based on various L2-L4 fields.
- DHCP Snooping, IGMP, MAC filtering, Dynamic ARP Inspection, ACL, RADIUS authentication support.
- Min 16000 MAC addresses,
- Support for IEEE 802.1s for multiple spanning tree (with min 16 MSTG support), 802.1x for Port based network access control.
- Support for Minimum 2000 VLANs.
- SNMP v1/2/3 based management support, Shall support DNS, TFTP, NTP/SNTP.
- RMON (4groups) support.
- Shall be supplied with redundant power supplies, redundant cooling fans, redundant supervisory engine and Management module.
- All necessary cables, 3-pin power cords for Indian environment, Console cables, connectors, clamps and other accessories for mounting.

#### 4. Ether Switch (Type-D),

- Chassis based modular architecture with non-blocking wires peed performance.
- 72 nos. uplink Giga Multimode fiber ports (1000Based-SX) of 1000 mbps dedicated bandwidth.
- 96 nos. of UTP ports of non-blocking, wire speed 10/100/1000 mbps dedicated bandwidth.
- At least 2 spare expansion slot for Gigabit fiber/UTP Port in future.
- Shall have support for 10G switching modules.
- Layer 3 switches with min switching capacity of 400 Gbps and min 300Mpps forwarding rate.
- Shall support multilayer switching. Shall be supplied with L3 routing features (OSPF, RIPv2, IGMP, VRRP etc.)
- Class of service / quality of service support.
- Support for IEEE 802. 1p (COS and DSCP classification & marking) and IEEE 802.1q for data, voice and video.
- Broadcast & multicast storm control. Rate limiting per port based on various L2-L4 fields.
- DHCP Snooping, IGMP, MAC filtering, Dynamic ARP Inspection, ACL, RADIUS authentication support.
- Min 16000 MAC addresses.
- Support for IEEE 802. 1s for multiple spanning tree (with min 16 MSTG support), 802 x for Port based network access control:
- Support for Minimum 2000 VLANs.
- SNMP v1/2/3 based management support. Shall support DNS, TFTP, NTP/SNTP.
- RMON (4 groups) support.
- Shall be supplied with redundant power supplies, redundant cooling fans, redundant supervisory engine and Management module.
- All necessary cables, 3-pin, power cords for Indian environment, Console cables, connectors, clamps and other accessories for mounting.

#### 5. Floor mounted Rack (For Several Room)

- With glass front doors, lock, rear doors, Power supply Distribution Box.
- MCB and with sufficient no. of cable managers as per requirement.
- Earthing kit, Fan tray with Fans.
- To accommodate central switch of Type C/D, 2 Nos. of Type A/B switches. 2 Nos. jack panels and cable managers etc.

#### 6. Floor mounted Rack (High-end)

- With glass front, door, lock, rear doors, Power supply Distribution Box.
- MCB and with sufficient no. of cable manager.
- Earthing kit, Fan tray with Fans.
- To accommodate min 9 nos., 48 ports jack panel, 9 nos. type A/B switches and cable managers (depending upon the number of switches to be required in the floors)

#### 7. Wall mounted Rack (Low-end)

- With glass front door, lock, Power supply, Distribution Box
- MCB and with sufficient no. of cable manager
- Earthing kit, Fan tray with Fans
- To accommodate min 4 nos. 48 ports jack panel, 4 Nos. of Type A/B switches and cable managers. (as per floor requirement)

**G+3 Building Network Rack Details**

<b>Description</b>	<b>2<sup>nd</sup> floor server room</b>	<b>total</b>
Voice rack	1	1
Data rack	1	1
Jack panel	16	16
Nortel switch	4	4
Nortel Ethernet switch	4	4
Cisco switch	1	1

**Note: one network switch 48 port for external use in server room.**

**G+9 Building Network rack details**

<b>Description</b>	<b>Ground floor</b>	<b>1<sup>st</sup></b>	<b>2<sup>nd</sup></b>	<b>3<sup>rd</sup></b>	<b>4<sup>th</sup></b>	<b>7<sup>th</sup></b>	<b>8<sup>th</sup></b>	<b>9<sup>th</sup></b>	<b>Total</b>
Voice rack	1	1	1	1	1	1	1	1	8
Data rack	1	1	2	1	1	1	1	1	9
Jack panel	6	7	11	9	8	10	9	8	59
Nortel switch	2+1	3	3	4	5	4	3	2	27
Nortel Ethernet switch	0	0	0	0	4	0	0	0	4
Cisco switch	0	0	0	0	0	0	0	0	0

**Note :- Total 17 rack in G+9 building and 2 rack in G+3 building**



**CONTRACT AGREEMENT FORM**

CONTRACT AGREEMENT NO.....

DATE .....

THIS AGREEMENT is made on .....between Oil Industry Development Board (hereinafter referred to as "Board" which expression unless excluded or repugnant to the context be deemed to include his successors and assigns), and whose principal place of office is at OIBD Bhawan, Sector 73 NOIDA of the One part,

AND

M/S \_\_\_\_\_ having its registered office at \_\_\_\_\_ (Hereinafter referred to as "the Contractor") which expression shall unless excluded by or repugnant to the context be deemed to include his successors, heirs, executors, administrators representatives and assigns of the other part for providing Annual Maintenance Contract of LAN & Voice Network at OIBD Bhawan Sector-73 Noida.

NOW THIS AGREEMENT WITNESSETH as follows

- I. WHEREAS the Board invited bids through online tender, vide Notice Inviting Tender dated \_\_\_\_\_ for "availing Annual Maintenance Contract of LAN & Voice Network at OIBD Bhawan Sector-73 Noida, as specified in Tender No. \_\_\_\_\_"
- II. AND WHEREAS the contractor submitted his bid vide No. \_\_\_\_\_ dated \_\_\_\_\_ in accordance with the procedure mentioned along with the bid documents and represented therein that it fulfils all the requirement and has resources and competence to provide the requisite services to the Board.
- III. AND WHEREAS the Board has selected M/s \_\_\_\_\_ as the successful bidder ("the Contractor") pursuant to the bidding process and awarded the Letter of Award (LOA) No....., to the contractor for a total sum of Rs..... per annum (Rupees in words per annum).
- IV. AND WHEREAS the Board desires that the Annual Maintenance Contract of LAN & Voice Network at OIBD Bhawan Sector-73 Noida (as defined in the bidding Document) be

provided, performed, executed and completed by the Contractor, in accordance with term & conditions mentioned in the Tender Document/LOA.

- V. AND WHEREAS the Contractor acknowledges that the Board can enter into Contracts with Other Contractors/Parties for Annual Maintenance Contract of LAN & Voice Network at OIDB Bhawan Sector-73 Noida, in case the Contractor breaches the terms and conditions as stipulated in the Tender document and shall waive its claim whatsoever in this regard.
- VI. AND WHEREAS the terms and conditions of this Contract have been fully accepted by the contractor and the Board as parties of the competent capacity and equal standing.
- VII. AND WHEREAS the Contractor has fully read, understood and shall abide by all the terms and conditions as stipulated in the tender document for providing Annual Maintenance Contract of LAN & Voice Network in the Client's premises, falling which the contract is liable to be terminated at any time, without assigning any reason by Board.
- VIII. AND WHEREAS the OIDB and Contractor agree as follows:
1. In this Agreement (including the recitals) capitalized words and expressions shall have the same meanings as are respectively assigned to them in the contract documents referred to.
  2. The following document shall be deemed to form and be read and construed as part of this agreement:
    - i. The Letter of Award (LOA) issued by the Board
    - ii. The complete Bid, as submitted by the Contractor
    - iii. The corrigendum, if any, issued by the Board
    - iv. Any other documents forming part of this Contract Agreement till date.  
(Performance Bank Guarantee, Bank Guarantee)
    - v. Charges-Schedule annexed to this Article of Agreement.
    - vi. Supplementary Agreements executed from time to time.
  3. Any changes/modifications/amendments required to be incorporated in the Contract Agreement at a later stage shall be discussed and mutually agreed to by both the parties and such supplementary agreement shall be binding on both the parties and shall form the part of this contract agreement.
  4. Contractor shall fully responsible for compliance of all requirements under Labour Laws and under other applicable laws & rules.

5. Board at their option, without prejudice to its rights hereunder, may cancel the contract at any time by giving **three months'** written notice in case the contractor does not comply with its obligations under this contract. The Board shall in that event forfeit the Security Deposit of the contractor and seek all expenses and damages that may be incurred by the Board for getting the remaining period of contractor executed/performed by another agency at the risk & cost of the contractor.
6. If any dispute or difference of any kind whatsoever arises between the contractor and Board in connection with the contract or arises out of the contract, the parties shall first make every effort to resolve amicably such dispute or difference by way of mutual consultation. If the dispute or any part thereof remains unresolved, then the same shall be referred to Secretary, OIIB who shall appoint an arbitrator in compliance of the provisions of Arbitration Act.
7. This contract shall be governed by and construed in accordance with the laws of India. Each party hereby submits to the jurisdiction as set out in the Dispute Resolution Procedure in the Condition of Contract. It is fully understood by the contractor that amendment in Arbitration Act does not permit internal/departmental arbitrator unless specifically waived by the parties. Pursuant thereto contractor expressly consent to appointment of any person as an arbitrator by OIIB whenever the need arises. Notwithstanding the place where the work under this contract is to be executed, the courts of Delhi alone shall have the jurisdiction over all matter concerning this contract.

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed in accordance with the laws of India on the day, month and year indicated above.

Signed on behalf of the  
M/s

Signed on behalf of the  
Oil Industry Development Board

(Authorized Signatory)

(Authorized Signatory)

Witness: (1)  
(2)

Witness (1)  
(2)

**Annexure-V**

ON NON JUDICIAL STAMP PAPER OF RS.100/-

To

M/s Oil Industry Development Board  
3<sup>rd</sup> Floor, G+3 block, OIDB Bhawan  
Plot No. 2, Sector-73  
NOIDA-201301

**Sub: Performance Bank Guarantee**

Dear Sirs,

M/s..... having its Registered Office at..... have been awarded contract for Annual Maintenance Contract of LAN & Voice Network by Oil Industry Development Board (OIDB). As per the conditions of the contract M/s..... have to pay a sum of Rs..... /- (Rupees in words) as Performance Security Guarantee, in the form that includes guarantee executed by a Nationalized Bank undertaking full responsibility to indemnify Oil Industry Development Board, in case of default.

The said M/s.....(contractor) have approached us and at their request and in consideration of the promises we.....(bank), having our Head office at ..... have agreed to give such guarantee as hereinafter mentioned.

1. We.....(bank) hereby undertake that if any default shall be made by M/s.....in performing any of the terms and conditions of the contract awarded to them or in payment of any money payable to Oil Industry Development Board, we shall on a demand by you pay to you, in such manner as you may direct the said amount of Rs..... (Rupees in words) or such portion thereof, not exceeding the said sum, as you may from time to time.
2. You will have the full liberty without reference to us and without affecting the guarantee, to postpone for any number time or from time to time the exercise of any of the powers and rights conferred or forebear from enforcing any powers or rights or by reason of time given to the said M/s.....(contractor) which under law relating to the sureties would but for the provision have the effect of releasing us.

3. Your right to recover the said sum of Rs..... (Rupees in words) from us in manner aforesaid will not be affected or suspended by reason of the fact that any dispute or disputes have been raised by the said M/s.....(contractor) and /or that any dispute or disputes are pending before any officer, Tribunal or Court.
4. The guarantee herein contained shall not be determined or affected by the liquidation or winding up, dissolution or change of constitution or insolvency of the said M/s.....(contractor) but shall in all respects and for all purpose be binding and operative until payment of all money due to you in respect of such liability or liabilities is paid.
5. Our liability under this guarantee is restricted to Rs..... (Rupees in words). Our guarantee shall remain in force until . Unless a claim, under this guarantee is lodged with us till i.e. within six months from the date of expiry of guarantee, all your rights under the said guarantee shall be forfeited and we shall be relieved and discharged from all liabilities there under.
6. We have power to issue this guarantee in your favour under our Memorandum and Articles of Association and the undersigned has full power to do under the Power of Attorney dated..... granted to him by the bank.

We.....(bank) lastly undertake not to revoke this guarantee except with your previous consent in writing.

Yours faithfully,

\_\_\_\_\_Bank  
By its constituted Attorney

\_\_\_\_\_  
Signature of a person duly Authorised  
To sign on behalf of the Bank