

# **NOTICE**

## **TENDER: ESTABLISHING NETWORK OPERATION CENTRE AT NIXI FOR ITS 75 NETWORK ELEMENTS**

### **Subject: Review of Pre-bid suggestions**

The pre-bid meeting for the above tender was conducted on 10-05-2023 (3:00 P.M) in which the following parties were present:

1. **Xtranet Technologies**
2. **ALE**
3. **Techinfy Solutions**
4. **Dynacons Systems and Solution Ltd.**
5. **Cache Digitech**
6. **Everest IMS**
7. **Airtel**
8. **Reliance Jio**

After the detailed discussions with the committee, the parties were asked to submit their suggestions through email so that further action can be initiated without further loss of time. Out of the above parties we have received suggestions from the following parties:

1. **Xtranet Technologies**
2. **ALE**
3. **Techinfy Solutions**
4. **Airtel**
5. **Dynacons Systems and Solution Ltd.**
6. **Pranav Sales**
7. **DSSL**

With the approval of the Competent Authority the following changes have been accepted in the NIT:

### **DSSL**

1. Experience: The bidder should have successfully completed EMS/NMS Projects of Any State or Central Government/PSU Organization during the last 10 years having completion of projects costing not less than Rs.03 Crores, consisting of at least 1000 Node Licenses.
2. The minimum value of the projects undertaken should not be less than 10 cr. Rest may remain unchanged
3. CMMi Level 3 may be considered (rest remains unchanged)
4. Bidder should have one or more NOC / Command & Control center built / managed for minimum project value of Rs. 5 Crore. May be accepted

5. PBG 3% of Value of PO may be considered instead of 10%
6. The payment milestone shall be:
  - 6.1 50% after Supplies
  - 6.2 25% configuration in local/ standalone mode
  - 6.3. 15% after integration with network
  - 6.4 10% after one year from the date of PO

### **Xtranet**

1. The payment milestone shall be:
  - 1.1 50% after Supplies
  - 1.2 25% configuration in local/ standalone mode
  - 1.3. 15% after integration with network
  - 1.4 10% after one year from the date of PO
2. PBG 3% of Value of PO may be considered instead of 10%
3. The backup software may be added in the BOM may be accepted
4. 24x1 electrical port along with 4x10G port is sufficient may be accepted
5. New 24 port switches will be added with specification may be accepted
6. Time Duration: T+90 days

### **Pranav Sales**

1. The payment milestones shall be:
  - 1.1 . 50% after Supplies
  - 2.1 . 25% configuration in local/ standalone mode
  - 3.1. 15% after integration with network
  - 4.1 10% after one year from the date of PO
2. PBG 3% of Value of PO may be considered instead of 10%
3. The backup software may be added in the BOM may be accepted
4. 24x1 electrical port along with 4x10G port is sufficient may be accepted
5. New 24 port switches will be added with specification may be accepted
6. The minimum value of the projects undertaken should not be less than 10 cr.  
Rest may remain unchanged

### **Dynacons Systems and Solution Ltd.**

1. The payment milestone shall be:
  - 1.1 50% after Supplies
  - 1.2 25% configuration in local/ standalone mode
  - 1.3. 15% after integration with network
  - 1.4 10% after one year from the date of PO
2. PBG 3% of Value of PO may be considered instead of 10%
3. The backup software may be added in the BOM may be accepted
4. The minimum value of the projects undertaken should not be less than 10 cr. Rest may remain unchanged

## **Airtel**

No change

## **Techinfy**

1. Turnover: The Bidder shall have an average annual turnover of Rs.20 Crores in the last three financial years i.e. (2019-20, 2020-21, and 2021-22) (Keeping in view the value of the tender)
2. The bidder should have successfully completed EMS/NMS Projects of Any State or Central Government/PSU Organization during the last 10 years having completion of projects costing not less than Rs.03 Crores, consisting of at least 1000 Node Licenses.
3. The minimum value of the projects undertaken should not be less than 10 cr. Rest may remain unchanged
4. CMMi Level 3 may be considered (rest remains unchanged)
5. PBG 3% of Value of PO may be considered instead of 10%
6. The payment milestone shall be:
  - 6.1 50% after Supplies
  - 6.2 25% configuration in local/ standalone mode
  - 6.3. 15% after integration with network
  - 6.4 10% after one year from the date of PO

## **Alcatel (\*)**

### **1. Architecture**

- Switch shall have 24 nos. of 10/100/1000 Base-T ports and fixed 4 nos.1G/10G/25G SFP28 uplink ports with 2 nos. QSFP28 VFL ports
  - Switch shall support 1000 Base-T, 1G SX, 1G LX, 10G Base-T, 10G SR, 10G LR, 25G SR transceiver and 10G, 100G DAC cable for stacking
  - The switch should have 1 dual-personality (RJ-45 or USB micro-B) serial console port
  - 4 GB SDRAM, 16 GB of Flash Memory and 4 MB Packet buffer size
  - The switch should be based on programmable ASICs/Multi-Core purpose-built to allow for a tighter integration of switch hardware and software to optimize performance and capacity
  - Shall have 744Gbps of switching capacity.
  - Shall have up to 553 million pps switching throughput
  - The Switch should support 64000 MAC address
  - Switch shall support stacking within the rack and across the floor with minimum support 8 Switches along with up to 200Gbps of Stacking Backplane (Bi-Directional)
2. The switch should support ACL with 3000 access control entries (Ingress) and QoS for IPv6
- ### **3. Resiliency and high availability**
- The Switch should create one virtual resilient switch from eight switches and attached the network devices using standard LACP for automatic load balancing and high availability to simplify network operation by reduce the need for complex protocols like

Spanning Tree Protocol (STP), Equal-Cost Multipath (ECMP), and VRRP

**4. Layer 3 routing**

- The Switch should support VXLAN, EVPN /SPB-M

**5. Environmental Features**

- Operating temperature: 0° to 45°C, Operating humidity: 5% to 95% non-condensing

All the prospective tenderers are encouraged to participate in the above NIT. It is reiterated that the last date of submission of the tender remains unchanged and therefore the interested parties are requested to ensure the stipulated timeline.

**MM Division**

**12-05-2023**