



CSIR - NATIONAL PHYSICAL LABORATORY

(Council of Scientific & Industrial Research)

Dr. K. S. Krishnan Marg, Pusa, New Delhi -110 012

Tele Fax: +91 11 45608645, Fax: +91 11 45609310

Emails: spo@nplindia.org purchase@nplindia.org



From: Director, CSIR-NPL

Ref. No.: 17(921)13-PB/PBC

Dt: 24.04.2014.

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Dear Sirs,

Sub.: INVITATION FOR PRE-BID CONFERENCE –Intimation Regarding

National Physical Laboratory (NPL), a premier R&D unit of Council of Scientific & Industrial Research, intends to procure supplies required for establishing network infrastructure in Metrology Building, CSIR-NPL, New Delhi (**as per pointer advertisement placed at Annexure -II**).

In this regard, a **Pre-Bid Conference (PBC)** is being organized to finalize the broad technical specifications of the required system(s). Prospective OEMs or their Authorized Distributors, System Integrators having specialization and experience of such supplies, installations and their maintenance thereof are invited to make presentations followed by discussions on technology, design, features, utility, technical parameters and other related Techno-commercial issues. The credentials, technical capability, financial standing & track record of vendors, will be evaluated, based upon PBC discussions and documents submitted by the interested parties. For this purpose brief details and purpose of requisite equipment is enclosed at **Annexure –I**.

Further, the detailed scope of PBC and other conditions can be seen on NPL website: <http://www.nplindia.org> under “Tenders/Pre-Indent” → “Pre-Indent Conference Notifications” link. Parties willing to participate must send a formal communication to Stores & Purchase Officer (emails: spo@nplindia.org/ purchase@nplindia.org), **in advance along with queries, if any**. The schedule for PBC will be as follows (**as per pointer advertisement placed at Annexure -II**):

Date & time of PBC: 06.05.2014 at 10.00 AM (IST) onwards.

Venue: Conference Room, 2nd Floor, Main Building, CSIR-NPL, New Delhi -110012.

Interested parties willing to take part in the above said PBC are requested to submit the documents to prove their Technical Capabilities, Client List, Financial Capabilities, Experience and Credentials at the time of attending of PBC along with Vendor’s Information Form as per Annexure –III. A Line of confirmation in this regard may be sent.

Thanking you,

Yours Faithfully,

Encl: A/A

Stores & Purchase Officer

Ref. No.: 17(921)13-PB/PBC**Draft schedule of Items, Technical Specifications & Quantity for establishing Network Infrastructure at Metrology Building, CSIR-NPL, New Delhi**

Sr. No.	Item Name	Qty.	Detailed Specification / OEM Make
1	Switches	12	Layer 3, 10/100/1000BASE-T Ports, Console Ports RJ45 (RS-232), Switch fabric min. Speed 128Gbps Managed, Gigabit, 4 SFP port, 48 Ethernet Ports, Multiprotocol support., Multicast control, Management support, Spanning tree protocol, Port trunking, VLAN support., Flow control., Fault tolerance, QoS (Quality of Service) support, 200 to 240 V AC, 50 Hz, Internal Power Supply and should meet MIB/ IETF Standards (Of suitable make(s) / brand(s) conforming to IT industry norms)
2	Network Rack	3	APW-President Cyber Rack, 42U, 800Wx1000D with accessories BLACK COLOR RACK 800W /AL/42U/1000 H/D 60X50 A/U EXTRUSIONS WITH 80MMH STRONG STEEL FRAME EMBEDDED AT TOP AND BOTTOM WITH CABLE ENTRY FROM TOP AND BOTTOM PANEL, PROVISION 19" MTG ANGLES WITH 'U' MARKING. FOUR NOS OF REDUCING CABLE CHANNEL ,DOOR STEEL 800W 42U Perforated (Front Door),DOOR STEEL 800W 42U SPLIT PERFORATED (Back Door),CASTOR NORMAL/ BRAKE,FAN HOUSING UNIT, FANS 90 CFM 230 VAC,SHELF HEAVY DUTY 725MM,HARDWARE FRONT PANEL
3	Fiber LIU	4	12 port fully loaded, Single Mode Fiber based, rack Mounted (Of suitable make(s) / brand(s) conforming to IT industry norms)
4	Jack Panels	15	24 port CAT6 based with option of dust cover for terminations (Of suitable make(s) / brand(s) conforming to IT industry norms)
5	Patch Cord	300	3m (PC end) CAT6 Industrial based should meet UL , TIA/EIA certifications (Of suitable make(s) / brand(s) conforming to IT industry norms)
6	Patch Cord	300	1 ft. (rack end) CAT6 Industrial based should meet UL, TIA/EIA certifications (Of suitable make(s) / brand(s) conforming to IT industry norms)
7	Fiber Switch	1	12 SFP Gigabit Port Layer 3 ,8 SFP Slots +4 Combo GE/SFP, Aggregated Bandwidth 24Gbps, IPV6 ready, Web, telnet, Serial Console Management, Virtual Stacking with Single IP management, Packet buffering, Network Management, CSA standards , Single Mode compatible. (Of suitable make(s) / brand(s) conforming to IT industry norms)
8	SFP GBIC	10	Single Mode , SC-LC Converter (Of suitable make(s) / brand(s) conforming to IT industry norms)
9	Fiber Cords	20	Single Mode, SC-LC Duplex (Of suitable make(s) / brand(s) conforming to IT industry norms)
10	Services	As per actual	As per following details:
<p># Installation & Commissioning Details (Common for three Server room at each floor) <i>(The mentioned items should be quoted per units)</i></p> <ol style="list-style-type: none"> 1. Installation and termination of already laid Ethernet cables at Jack panels in the racks. 2. Labeling and Connectivity of Ethernet cables from jack panels to switches in the racks. 3. Optical fiber core splicing in LIU in the rack at DATA Centre (Room No. 149) and Server Room at each floor in Metrology Building. 4. Fiber cable installation between LIU and Network Switch. 5. Switch Installation and configuration. 6. LIU installation in the rack. 7. Installation and commissioning of the all Network Equipment in the Metrology Building after issuance from CNF, NPL will be the responsibility of Supplier. 			

Terms and Conditions:

1. The supply, networking, installation and commissioning as per NIT should be completed within 12 weeks from the date of issue of Purchase Order.
2. The specifications mentioned in the NIT are the minimum acceptable specifications.
3. A. Onsite Warranty is required for three years from the date of completion of supply, networking, installation and commissioning.
B. Further, two years extended Warranty must be quoted separately which shall not be taken in to account for financial comparison.
4. The Handing over of the installed network will be accepted only after testing and successful commissioning of the whole system installed by the Supplier.
5. All equipment, tools, accessories required for networking, and installation and commissioning shall be provided by the Supplier.
6. The Makes mentioned in the NIT shall only be considered for technical consideration. No equivalent Brands shall be considered.
7. Complete Documentation of installed Network, along with Schematic Diagram shall be submitted by the Supplier after completion of installation, networking and commissioning.
8. The entire contract shall be awarded to only one technically acceptable Vendor who will emerge as lowest evaluated. Please note that sub-contracting of the supply, networking, installation and commissioning will be not allowed either in whole or part and the Supplier shall be fully responsible for complete execution of Contract.
9. Interested Vendor can inspect the site during office hours on working days up to a day before the last date of submission of the Tenders, if so desired. The contact people for visiting the site are Sh. Trilok Bhardwaj and Sh. Nitin Sharma, Ph. No. 45608594, Computer Networking Facility (CNF), Main Building, CSIR-NPL. New Delhi.



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PRE -BID CONFERENCE NOTICE No: 01/2014

National Physical Laboratory (NPL), a premier R&D unit of Council of Scientific & Industrial Research, intends to procure “**supplies of Network Switches, Network Rack and accessories as per draft schedule of items, technical specifications & quantity**” required for establishing network infrastructure in Metrology Building, CSIR-NPL, New Delhi.

In this regard, a **Pre-BID Conference (PBC)** is being organized to finalize the broad technical specifications of the required system(s) as mentioned above. Prospective OEMs or their Authorized Distributors, System Integrators having specialization and experience of such supplies, installations and their maintenance thereof are invited to make presentations followed by discussions on technology, design, features, utility, technical parameters and other related Techno-commercial issues. The credentials, technical capability, financial standing & track record of vendors, will be evaluated, based upon PBC discussions and documents submitted by the interested parties.

Further, the detailed scope of PBC and other conditions must be seen on NPL website: <http://www.nplindia.org> under “Tenders/Pre-Indent” → “Pre-Indent Conference Notifications” links. Parties willing to participate must send a formal communication to Stores & Purchase Officer (emails: spo@nplindia.org/ purchase@nplindia.org), **in advance along with queries, if any**. The schedule for PBC will be as follows:

Date & time of PBC: **06.05.2014 at 10.00 AM (IST) onwards.**

Venue: **Conference Room, 2nd Floor, Main Building, CSIR-NPL, New Delhi -110012.**

Further Corrigendum/Amendments, if any, will be posted in NPL website: <http://www.nplindia.org>

Sd/-
(Stores & Purchase Officer)

VENDOR'S INFORMATION FORM

[The interested party shall fill in this form and should submit at the time of attending PBC. This should be done on the letter head of the firm]

1. Vendor's Legal Name :

2. Vendor's actual or intended Country of Registration :

3. Vendor's Legal Address in Country of Registration :

4. Vendor's Authorization Representative Information
Name :

Address :

Telephone/Fax numbers:

Email Address :