



INDIAN INSTITUTE OF ASTROPHYSICS

IIND BLOCK, SARJAPUR ROAD, KORAMANGALA,
BANGALORE-560 034

PUBLIC TENDER NOTICE NO: REQ/IND/735/10-11 DATED 28TH JUNE 2010

The Director, Indian Institute of Astrophysics invites Quotations/Bids from reputed firms for Supply, installation and commissioning of 15 Mbps Internet Connectivity Leased Line (1:1 Uncompressed and unshared) for IIA, Koramangala Campus, CREST, Hosakote Campus and IIA, Kodaikanal Campus at Tamil Nadu, as per detailed specification in the Annexure II. The firm(s) interested in offering bids should have executed similar items/works.

Sl.	Description	Quantity	E.M.D	Tender Fee
No.	In Brief		(refundable) Rs.	(non-refundable) Rs.
01.	15 Mbps Internet connectivity Leased Line (1:1 uncompressed and unshared) for Indian Institute of Astrophysics koramangala campus, CREST, Hosakote campus and Kodaikanal campus at Tamil Nadu. (As per detailed specification enclosed in the Annexure II)		1,00,000/-	300/-

Note:

The Tender documents with Specification details are available on IIA website www.iiap.res.in/tenders.htm. Hence the interested tenderers may at their option down load the same from our website (as no hard copies of Tender documents is/are provided from this office) and submit their offers along with EMD (refundable) & Tender fee (non-refundable) prescribed therein, only in the form of Demand Draft drawn in favour of Director, IIA). However, your offers (both Technical & Commercial/price bids) should be superscribed in separate envelopes mentioning the tender notice no., Date of opening, and submit both the Bids in a sealed envelopes addressed in favour of Director, Indian Institute of Astrophysics, Bangalore – 560 034.

1)The firms who fulfill the following requirements shall be eligible to submit their Bids.

Joint ventures are not acceptable.

- Tendering Company shall be professionally managed and equipped with facility for the supply, installation and maintenance of tendered items/works.
- The total contract amount received during the last 3 financial years, and the current financial year should be a minimum of 150% of the above mentioned value.
- The company should have required experience and skilled manpower to setup the complete recommended solution.
- Liasoning (if required) with other firm(s) for obtaining point to point connectivity between ISP node and IIA shall be the responsibility of quoting firm.
- The ISP should have a valid Category A ISP license from Govt. of India (Attach a copy of license).
- ISP must have DOT license to set up and operate International gateways. ISP must have distributed minimum 100 Mbps of International Internet bandwidth to its clients (Attach certificate).
- ISP should have their own/direct access to international gateway in India, for providing Internet bandwidth, which should be connected onto international fiber systems only (not on satellite).
- The list of existing enterprise customers of Internet Bandwidth (4 Mbps or more) should be provided along with feedback.
- The quotation should clearly indicate the different components of the total charges- recurring (annual) and non-recurring (one time) for bandwidth and equipment supplied along with mode of payment i.e. whether quarterly / half-yearly / annual or one time (if any).

2).If any information furnished by the tenderers is found incorrect at a later stage, the firm shall be liable to be debarred from tendering and taking up of work in IIA. The Institute reserves the right to verify the particulars furnished by the tenderers.

3).There will be a **Pre-bid** meeting on **26th July 2010, 11.00 hours** at IIAP, Koramangala, Bangalore 560034 for technical discussions before submitting Bids.

4).The firms should submit both Technical and Commercial/Price bids separately superscribed along with EMD/Tender fee of prescribed amount **upto 15.00 hours, Latest by 2nd August 2010** The Technical Bids will be opened in presence of the bidders or their authorized representatives at **15.30 hours on 2nd August 2010**.

5).Incomplete Technical Bids are liable for rejection. Commercial/price bids will be

considered only for the Qualified Technical Bidders.

6).Late & / delayed offer will not be considered.

7).IIA is not responsible for any delay / loss of documents in transit.

9).The date and time for the opening of commercial bids of those firms technically qualified will be intimated after technical evaluation of the tender.

10).IIA reserves the right to reject any or all tenders without assigning any reasons.

Administrative Officer

Annexure-I
IMPORTANT: TWO PART TENDER INSTRUCTIONS

1)It is proposed to have a two cover system for this tender.

Part I: (a) Technical part (without price) is one cover.

Part II: (b) Commercial /Price part alone is another cover.

2)TECHNICALPART:

Technical part should clearly indicate the technical details. A compliance Statement indicating whether the specifications are met is to be submitted with reasons for deviations if any. Complete with Drawings, in relevant to the offer are also to be enclosed to the technical part. Technical presentations will be required.

3)COMMERCIAL PART (without price)

Commercial part should indicate commercial terms like, delivery period, place of delivery, payment terms, validity, warranty/guarantee etc. and should be sent along with the price part. The Technical part should be kept in one cover along with EMD & Tender Fees superscribing tender number and due date and should be sealed.

4)COMMERCIAL AND PRICE PART alone should be kept in a separate cover superscribing tender number and due date.

5)The technical part in one cover and **Commercial and Price part** in another cover should be put in one large cover, and should be superscribed with the tender number, due date and time of opening.

6)The cover should be sent to the following address:-THE DIRECTOR, INDIAN INSTITUTE OF ASTROPHYSICS, IIND BLOCK, KORAMANGALA, BANGALORE – 560 034.

7)The offer should be valid for a minimum period of 60 days from the due Date.

8)Offer shall be submitted in sealed cover only as said above.

9)No conditional discounts will be allowed.

10) EMD & Tender fee of prescribed value shall be sent along with the Technical Bids) tenders in the form of demand draft only in favour of “The Director, Indian Institute of Astrophysics., Bangalore” drawn from any Indian Nationalised / reputed Banks in India.

11)Tender shall be submitted as above without fail.

Phone: 25530672-676

Fax : 25534043

Grams: ASTRON

INDIAN INSTITUTE OF ASTROPHYSICS

IInd Block, Koramangala, Bangalore-560 034

No.REQ/IND/735/10-11 Dated 29th June 2010

M/s.

Dear Sirs,

The Director, Indian Institute of Astrophysics, Bangalore invites Sealed Tenders for the supply, installation and commissioning of 15 Mbps internet connectivity detailed in the Tender Form hereto annexed. The Tender Terms enclosed are also may be noted carefully. If you are in a position to quote for the supply in accordance with the requirement, please submit your quotation in the attached Tender Form also.

Your Tender (Technical, Commercial & price Bids) must reach this office on or before the date and time indicated in the Tender Schedule.

Thanking you,

Yours faithfully,

Encl: as above.

(Dr. Kumaresan)
Admn. Officer
For Director

INDIAN INSTITUTE OF ASTROPHYSICS
BANGALORE-560 034

PUBLIC TENDER DOCUMENT NO:REQ/IND/735/10-11 DATED 28TH JUNE 2010

TENDER FORM

FROM:

TO
THE DIRECTOR,
Indian Institute of Astrophysics.,
Bangalore-560 034.

Sir, I/We hereby offer to supply, installation and commissioning of 15 Mbps internet connectivity indicated below at the price hereunder quoted and agree to hold this offer open till_____. I/ We shall be bound to supply the store hereby offered upon the issue of the Purchase Order communicating to the acceptance thereof on or before the expiry of the last mentioned date. You are at liberty to accept any one or more of the items of such stores. I/We not withstanding that the offer in this tender has not been accepted in whole, shall be bound to supply such items and such portion or portions of one or more of the items as may be specified in the said Purchase Order communicating the acceptance.

Sl.No.	Description of the item(s)	Quantity	Unit	Rate	Dely.	Period
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15 Mbps Internet connectivity Leased Line (1:1 uncompressed and unshared) for Indian Institute of Astrophysics koaramangala campus, Hosakote campus and Kodaikanal campus

Place at which the Delivery is required : 2nd Block, Koramangala, Bangalore - 560034

Date by which the supply, installation and commissioning is required:

2. I/We have understood the items of the tender annexed to the invitation to this Public Tender and have thoroughly examined the specifications/drawing and /or pattern quoted or referred to herein and/are fully aware of the nature of the supply, installation and commissioning required and my/our offer is to supply the supply, installation and commissioning strictly in accordance with the requirements subject to the terms and conditions contained in the Purchase Order, if communicated on the acceptance of this tender either in whole or in part.

Date:

Signature and seal of Tenderer

Annexure II

Request For Proposal

for

**FOR INTERNET LEASED LINE CONNECTION
AT**

IIA Bangalore, Hosakote and Kodaikanal Campus

**INDIAN INSTITUTE OF ASTROPHYSICS,
Koramangala, Bangalore-34.**

**Rajat Choudhuri
&
Dipankar Banerjee
IIA, Bangalore**

Objective of this RFP

This RFP (Request for Proposal) is issued as a request for the supply and installation of internet bandwidth for various Internet application services for Indian Institute of Astrophysics (IIA). The following document, in its entirety, has been developed as both a bid specification to outline the requirements for the works to be provided, and a basis for proposal submission by the bidder also referred to as the Vendor.

SCOPE OF WORK :

To provide 15 Mbps Internet connectivity on uncompressed, unshared leased line (1:1) at Indian Institute of Astrophysics, Bangalore, Hosakote and Kodaikanal campus including installation, commissioning, testing & up keep of the complete link for entire one year of service period. The bidders are requested to visit different campuses and take stock of the existing infrastructure before formulating their bid. The connectivity could be either through dedicated internet service separately or integrated through IIA Bangalore campus. If one quotes for separate connectivity then Bandwidth requirements for Bangalore, Kodaikanal and CREST are 8 Mbps, 2 Mbps, and 5 Mbps, respectively.

Possible configuration for point-to-point (P2P) link between its Bangalore and Hosakote campus:

The MPLS Connectivity can be of 5Mbps and can be provisioned on wireless last-mile. The wireless link can be configured on bridge mode and one virtual circuit can be created between PE and CE using VLANs at both locations. It should be based on dual homing architecture.

WARRANTY PERIODS:

- The Vendor will be responsible for the comprehensive maintenance for the entire warranty period. Warranty period will start after the acceptance of installation & testing of complete connectivity.
- The vendor will do preventive maintenance once a quarter for upkeep of the Systems running. The schedule will have to be adhered to strictly by him.
- 99% Uptime shall be calculated as
(Total Time – Down Time) X 100 /Total Time. Deduction in payment will be made for

downtime in the quarterly bills raised by the ISP.

- The response time for attending the faults will be one hour (maximum) once reported to the Vendor. The Vendor will rectify the faults within 4 hours failing which; the vendor will arrange temporary replacements. The services shall be provided 24 hours & 7 days in a week.

RESPONSIBILITIES UNDER THE CONTRACT:

The ISP would be responsible for the following:

- To provide 15 Mbps Internet connectivity (Leased Line) at IIA. Internet Router Port at ISP Gateway for required Bandwidth and minimum 16 IP addresses including Reverse Lookups configured at these IP's.
- Installation, commissioning, configuring of the link and hardware (Modems, Router Firewall etc).
- Maintenance support service (24 hours and 7 days a week) for Bandwidth and equipment. ISP will be required to sign Service Level Agreement having the following:
 - 15 Mbps Internet bandwidth at all the time.
 - Packet Losses: Less than 1 % (Average over 1000 ping) at any given point of time to any part of globe.
 - Latency: Less than 350 ms from IIA to ISP's tier 1 peering point.
 - Network Availability: More than 99.0 % per month.
 - Reports for performance, monitoring /usage to be submitted .

In case of the above parameters going out of specifications, IIA will be compensated adequately in respect of the extended time for the loss of hours in service.

Also, if services are not found satisfactory, IIA reserves the right to cancel the contract with one-month notice.

Hardware charges

IIA will not purchase any additional hardware and vendor will have to provide all the required hardware on rent.

IIA will not be responsible for any kind of damage these items being complete maintenance warranty of the firm

Contacts

For further details contact Drs. Rajat Choudhuri or Dipankar Banerjee at 25530672-676