

TENDER DOCUMENT

“Up gradation of Radio Link on turnkey
bases”

TENDER NUMBER:

IT/13/2011-12

SEAL & SIGNATURE OF THE TENDER

Date of Receipt / Opening of Tender **03-02-2012**

Submit to: ICT Procurement Department
IBA Main Campus, Karachi University
Phone Number: 021 - 99261508

Condition of Payment

1. Amount of Bid Security: 5% of the tender amount.
 2. Time of completion of supply/work: 15- Days after the receipt of PO
 3. Liquidated damages in case of non-completion of supply/work within stipulated time. Rs.1000/- for each calendar day.
 4. Limit of liquidated damages: 10% of the tendered amount.
 5. Retention Money : 5% retention money of the total Bid amount will be deducted.
- Release of Retention Money: After the successful completion of warranty period.
- Bid validity period: 90 days.

SEAL & SIGNATURE OF THE TENDER

General Terms and Conditions

6. 5% Bid Security of the total amount of the bid is required to be deposited with the tender in the shape of pay order in favour of the Director Finance IBA Karachi.
7. All tenders should reach under sealed cover envelop up to **11:00am** on **03/02/2012**.
8. The tender will be opened on the same days at 11:30am in presence of bidders who choose to be present.
9. The items should be supplied within 15 days after the receipt of the Purchase Order.
10. Only those suppliers should submit the tender who are registered with Sales Tax Department and quote their Sales Tax and NTN number with the copy of Sales Tax Registration Certificate.
11. Every unsuccessful tendered should be responsible to collect Bid Security's pay order within one month of the opening date of tender.
12. Income tax will be deducted as per Government Rules.
13. GST invoice should also be deposited with the original bill and Delivery Challan.
14. 20% sales tax of the total sales tax shown in the sales tax invoice shall be with held and balance will be paid to the supplier, in term of M/o Finance Notification No. SRO/660(1)/2007 dated 30-06-2007.
15. IBA Karachi may reject all bids or proposal at any time prior to the acceptance of a bid or proposal. However, IBA Karachi shall upon request communicate to any supplier or contractor who submitted a bid or proposal, the grounds for its rejection of all bids or proposals, but it is not required to justify those grounds.
16. The bids will be evaluated on the basis of Evaluation Criteria only. The tender is called on "Single Stage two envelope bases."
17. Only those companies can participate in this tender who have past experience in dealing with such work and valid authorize dealership/resellers certificates from the Manufacturer/ Principal.
18. Warranty should be of one year with complete parts and services. Only consumable parts not covered under this warranty.
19. An affidavit on Stamp paper properly attested by the Oath Commissioner is attached with the bid to the effect that the firm has neither been black listed, nor having any dispute with any government organization and also there is no litigation against the firm.
20. In case of failure of supplies with in stipulated time, IBA Karachi may forfeit/ confiscate the call deposited and the firm may be black listed.
21. Submission of any false statement/documents including concealing of any information is likely to disqualify the bidder.
22. Prices must be quoted in Pakistani Currency. The quoted prices must be inclusive of all charges and taxes.
23. Both original & duplicate tenders must be enclosed in duplicate sealed cover. Both the inner and outer envelope must bear the word "Confidential & Tender" for "Up gradation of Radio Link on turnkey bases", Tender enquiry number [IT/13/2010-11].

Signature: _____

Name: _____

Mobile Numbers: _____

Email Address: _____

Bill of Quantity / Specifications:

Institute of business administration tends to plan radio link connectivity among different sites. Institute of business administration has four sites such City Campus, Main Campus, Girls hostel and Boys hostel. There is a requirement of wireless point to point connectivity for the following sites:

1. Wireless Connectivity between City Campus at Saddar, Garden KyaniShaheed road and Karachi University Campus whose distance requirement of connectivity is around 40 Km with at least 34 Mbps bandwidth and latency no more than 20 ms.
2. Wireless Connectivity between Boys hostel site and Main Campus, Karachi University Campus whose distance is around 2.5 Km, bandwidth should be at least 34 Mbps with latency no more than 20 ms.
3. Wireless Connectivity between Girls hostel site and Main Campus, Karachi University Campus whose distance is around 4 Km, bandwidth should be at least 34 Mbps with latency no more than 20 ms.
4. The bidder will move radio link tower to next neighbor building.(Vendor need to conduct survey)

Requirement	Compliant Yes / No	Comments
Interface should be Fast Ethernet		
Support Frequency 5.8 GHz (FREE BAND)		
Channel Width 5,10,20,40		
Modulation technique 802.11a OFDM/2X2 MIMO		
Band Width requirements 34 Mb or higher		
Channel Depends on regularity domain		
Processor should be Atheros 180 MHz or higher		
RAM should be minimum 16MB or higher SDRAM		
Flash should be minimum 4 Mb or higher		
Regulation Certificate must be FCC		
Polarization must be dual		
Power method passive power over Ethernet		

Operation temperature minimum -40 C to 80 C		
Shock and Vibration (ETSI300-019-1.4)		
Outdoor (Base Station Antenna Dependent) at least 35km		
Special Heavy Guage Radio Tower with Tower light, Sun switch, lightning arrester (Perft) with a height of 100 meter		

Note: We will require demonstration of the equipment from the selected vendor for a week, over continuous one week satisfied performance we will award the tender to the complying RFP bidder. Bidders are bind to give a quote for a complete solution if anything missed which would require in the solution then bidder is will MUST provide the required equipment on FREE of cost to IBA.

Evaluation Criteria:

Vendors who will meet the following conditions and submit the documents / statements / information as mentioned in tender documents, will be declared Qualified Vendors while others will be classified as Non-Qualified Vendors.

1. 100% compliance is required. Any non compliant and incomplete requirement will be consider as disqualification of the bidder.
2. Holding Elite level partnership like Gold Tier1 etc for Pakistan from the principal/ manufacturer of the equipment (Copy to be provided).
3. Successful completion of at least three (03) similar projects completed within last two years. Testimonial from the customer or can be confirmed by IBA, Karachi, through the contact detail provided.
5. Completely Filled Bill of Quantity as per equipment quantity given above. Also provide the prices of existing modems as Buy Back. (**See Annexure I**) mandatory.
6. Proof of Company being in operation for at least 3 years in Pakistan in relevant business.
7. During the technical evaluation, bidder may be asked for the demo of at least 7 days free of cost.
8. Financial proposals of only those vendors will be opened who found technically successful. Financial bids of successful technical bidders will be open and check the complete BOQ with the requirement and compliant of technical and then award the contract to the lowest evaluated responsive bidder, other vendors treated as disqualified.

· The successful firm will be responsible for:

1. Supply of hardware for connectivity and last mile
2. Complete Installation/Commissioning of related Hardware/Network components.
3. Smooth and timely User Acceptance Test
4. Providing local support and maintenance during and after commissioning for the contract period.
5. In case of any hardware failure, hot back up equipment should be available within the 24hrs.
6. The company must have valid licenses to do this project, as per PTA, Government rules & regulations.
7. The successful bidder will sign the SLA with IBA.

Annexure I

Buy Back Option

Equipment	Amount
Ultima 3 ER 5.8 Ghz	
Ultima 3 SR 5.8 Ghz	
Ultima 3 SR 5.8 Ghz	
Total Amount :	