



IST Karachi Office
TENDER DOCUMENT

To: _____

Due Date of Submission
18-FEB-10
Up to **14:30** Hrs

Our Reference No: **FIT/Pay Ld Div/0910/31** Date: **18-JAN-10**. Reg No: _____
Your Ref No: _____ Dated _____.
Tender fee of Rs. _____ has been deposited vide receipt No _____ dated _____.

Dear Sirs,

1. Please find enclosed Annexure-A containing list of store(s), we desire to procure through your firm. In case, you are interested to offer your bid, it is requested to please send the same through courier only under two separate sealed envelopes, marked clearly, **"Technical Offer"** and **"Commercial Offer"**, respectively to the undersigned, latest by or before above mentioned due date. Kindly note that no any Offer/Quotation will be received by hand in Institute.

2. Please note that Technical Offer should contain Annexes-A & B duly filled in (supported with relevant technical literature/details/catalogues/leaflets etc). Commercial Offer will contain Annexure-C along with Principle's Performa Invoice (in original). Kindly ensure no space is left blank in the annexes.

3. Following are the special instructions of this IT (Invitation to Tender):

a. Name/address of your agent(s) in Pakistan, if any, should be indicated in the quotation. The amount of agency commission payable to the agent must also be mentioned, which will be deducted from your Foreign Currency payment, whereas, equivalent amount of the same in Pak Rupees, will be paid to the agent directly by us.

b. Tender(s) must be accompanied with a Bid Bond in agreement of faithful compliance of the conditions of Contract/Purchase Order. This amount will be equivalent to 2% of the total quoted value. In case of non-acceptance of any offer technically, the Bid Bond will be returned to the bidder by fastest possible means. The Bid Bond amount submitted by the successful bidder will however, be refunded on effective termination of Contract/ Purchase Order. (The Bid Bond will be forfeited in case of default by the bidder from his commitments made through his offer). The modes of deposition of Bid Bonds in favour of **IST Karachi Office**, may be as under:

- (1) Through crossed cheque for the offer values up to Rs 100,000/-.
- (2) Through Pay Order / Demand Draft for the offer values more than Rs 100,000/- up to Rs 500,000/-.
- (3) Through Demand Draft / Pay Order/ Bank Guarantee for the offer values more than Rs 500,000/-.
- (4) Submission of Earnest Money equal to 2% of the bid value, in the form of pay order/cheque or Bank Guarantee (which ever applicable), is mandatory, other wise your offer will be rejected.

4. We reserve the rights to accept or reject any or all tenders as a whole or in part without assigning any reason whatsoever. The decision in this regard will be firm, final and binding on all bidders.

Manager (Procurement)

Shehzada Saleem Sheikh



**IST Karachi Office
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Annex-A

TECHNICAL OFFER

Our Reference No: FIT/Pay Ld Div/0910/31 Date: 18-JAN-10.

Reg No:

Technical Specifications

							<i>for Office Use Only</i>			
S.#	Nomenclature	Country of Origin	A/U	Qty Req	Description	Bidder			Tech Scrutiny to be done by User	
						Yes	No	Alternate Offer	Accepted	Rejected
						Reasons of Rejection				
1	VECTOR SIGNAL GENERATOR	Imported	NOS	1	1) FREQUENCY RANGE: 1 - 20 GHZ 2) OUTPUT POWER LEVEL: -130 DBM TO +13 DBM 3) FREQUENCY RESOLUTION: LESS THAN OR EQUAL TO 0.1 HZ 4) RAMP SWEEP 5) MAXIMUM RAMP SWEEP RATE FOR FREQUENCY GREATER THAN OR EQUAL TO 3.5 GHZ: 400 MHZ/MS 6) ANALOG MODULATION: AM; FM; PM 7) DIGITAL MODULATION: ASK; FSK; PSK; QAM AND MSK, 8) SIMULTANEOUS MODULATION OF ANALOG AND DIGITAL, 9) PHASE NOISE PERFORMANCE: FREQUENCY 1-10 GHZ LESS THAN OR EQUAL TO -110 DBC/HZ AT 20 KHZ OFFSET. 10) INTERNAL BASE BAND GENERATOR SUPPORTING DATA RATE UPTO 150 MBPS. 11) ADDITIVE WHITE GAUSSIAN NOISE 12) COMPATIBILITY WITH SOFTWARE MATLAB FOR CUSTOMIZE ARBITRARY WAVE FORM FILES WITH SUPPORTING HARDWARE TO INTERFACE THE EQUIPMENT WITH PC. 13) MULTITONE GENERATION AND NOISE POWER RATION TEST PERSONALITY 14) I/Q BASEBAND OUTPUTS DIFFERENTIAL AND SINGLE ENDED 15) MICROWAVE CABLE WITH ASSEMBLY OF SMA 3.5 MM (MALE) 16) OUTPUT CONNECTOR TYPE: SMA 3.5 MM (FEMALE) Size: N/A					



Other Requirement

<i>for Office Use Only</i>						
Description	Bidder			Tech Scrutiny to be done by User		
	Yes	No	Alternate Offer	Accepted	Rejected	Reasons of Rejection
Publication/Literature/Catalogue in Hard Copies/CDs will be provided						
Maintenance Contract with OEM will be done						



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Annex-B

Our Reference No: **FIT/Pay Ld Div/0910/31** Date: **18-JAN-10**.

Reg No:

Please fill in the following essential parameters:

- a. Validity of Offer: _____ days. *(Should not be less than 45 days)*
- b. Delivery Period: _____ days. *(After placement of order)*
- c. Country of Origin: _____
- d. Warranty/Gauranttee: _____ months.
- e. Suggested Mode of Shipment: Air Sea Courier
- f. Particulars of the Principals: _____

2. Payment Terms:

- a. **Mode of Payment:** *(Please select any one of the following options)*
- Letter of Credit.
- Payment through Telegraphic Transfer. *(within 30 days from the date of shipment and/or acceptance of stores).*
- Advance Payment against the submission of Unconditional Bank Guarantee. *(BG should be issued by a first class Bank, preferably duly countersigned by any scheduled bank of Pakistan).*

b. **Details of Payment Recipient/Beneficiary:**

- (1) Name/Title: _____
- (2) Address: _____
- (3) Bank Details with Account No: _____

3. **Port Of Embarkation:** _____

4. **Port of Dis-embarkation:** _____

5. **Weight/Volume/Size of the Consignment:** _____

6. **Provision of Training:** Yes No
(If yes, please specify responsible sponsor for Training/Traveling/Boarding/Lodging etc)

Signature: _____

Official Seal: _____



**IST Karachi Office
TENDER DOCUMENT**

Annex-C

FINANCIAL OFFER

Our Reference No: **FIT/Pay Ld Div/0910/31** Date: **18-JAN-10.**

Reg No:

S/No	Nomenclature	A/U	Qty Req	Description	UnitPrice	Total Amount
1	VECTOR SIGNAL GENERATOR	NOS	1	1) FREQUENCY RANGE: 1 - 20 GHZ 2) OUTPUT POWER LEVEL: -130 DBM TO +13 DBM 3) FREQUENCY RESOLUTION: LESS THAN OR EQUAL TO 0.1 HZ 4) RAMP SWEEP 5) MAXIMUM RAMP SWEEP RATE FOR FREQUENCY GREATER THAN OR EQUAL TO 3.5 GHZ: 400 MHZ/MS 6) ANALOG MODULATION: AM; FM; PM 7) DIGITAL MODULATION: ASK; FSK; PSK; QAM AND MSK, 8) SIMULTANEOUS MODULATION OF ANALOG AND DIGITAL, 9) PHASE NOISE PERFORMANCE: FREQUENCY 1-10 GHZ LESS THAN OR EQUAL TO -110 DBC/HZ AT 20 KHZ OFFSET. 10) INTERNAL BASE BAND GENERATOR SUPPORTING DATA RATE UPTO 150 MBPS. 11) ADDITIVE WHITE GAUSSIAN NOISE 12) COMPATIBILITY WITH SOFTWARE MATLAB FOR CUSTOMIZE ARBITRARY WAVE FORM FILES WITH SUPPORTING HARDWARE TO INTERFACE THE EQUIPMENT WITH PC. 13) MULTITONE GENERATION AND NOISE POWER RATION TEST PERSONALITY 14) I/Q BASEBAND OUTPUTS DIFFERENTIAL AND SINGLE ENDED 15) MICROWAVE CABLE WITH ASSEMBLY OF SMA 3.5 MM (MALE) 16) OUTPUT CONNECTOR TYPE: SMA 3.5 MM (FEMALE) Size: N/A		

Total Ex-Works Value: _____

FOB charges (including Packing, Handling, documentation etc upto the point of embarkation): _____

Total FOB Value: _____

Estimated Freight Charges: _____

Total C&F Value: _____

Net Total Value: _____

Discount (if any): _____

Agency Commission (if any): _____

Bid Bond Reference No: _____

Submission of Earnest Money equal to the total bid value is mandatory.

Signature: _____

Official Seal:

Latest Phone Nos:

Fax No:

E-mail:

Date: _____