



IST Karachi Office

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TN/PROC/0910/0075

1. Sealed Tender is invited from manufacturers/suppliers/authorized agents of repute for supply of the following items:

S.No	IT Ref No.	Item(s)	Req Qty	Tender Basis	Tender Fee(Rs)	Submission Date
1	LIT/Pay Ld Div/0910/579	1 FILTER CAVITY FILTER, CENTER FREQ. = 2100MHZ, EQUIRIPPLE BW= 4.3MHZ, INSERTION LOSS = 0.6DBA, STOP BAND ATTENUATION (2090MHZ)= 25DBC, STOP BAND ATTENUATION (2110MHZ)= 25DBC, RETURN LOSS = 14DB (1.5: 1 VSWR), MAKE: K& L MICROWAVE (USA) , MANUFACTURER PART NO. : CP140-2100/E4.3-0/0 OR EQUIVALENT	2	FOR	500	27-MAY-10
		2 FILTER CAVITY FILTER, CENTER FREQ. = 2250MHZ, EQUIRIPPLE BW= 3.3MHZ, INSERTION LOSS = 0.98 DB, STOP BAND ATTENUATION @ 2245MHZ= 31.85 DBC, STOP BAND ATTENUATION @ 2255MHZ= 31.94 DBC, RETURN LOSS = 14 DB (1.5: 1 ;VSWR), MAKE: K& L MICROWAVE: 4CP150-2250/E3.3-0/0 OR EQUIVALENT	2			
		3 FILTER SAW FILTER, CENTER FREQUENCY = 140MHZ, BANDWIDTH =1MHZ(MAX), INSERTION LOSS = 25DB(MAX), TRIQUINT 856062 OR EQUIVALENT	10			
2	LIT/Pay Ld Div/0910/587	1 OSCILLATOR CRYSTAL OSCILLATOR, OUTPUT FREQUENCY: 139.9 MHZ, OUPUT POWER: + 10 DBM, PHASE NOISE @10 KHZ: - 130 DBC/HZ, STABILITY: +/- 5 PPM, OPERATING TEMPERATURE RANGE: -10 TO 60 DEGREE CENTIGRADE, MITEQ PART # XTM-139.900-C-15P OR EQUIVALENT.	2	FOR	1000	27-MAY-10
		2 OSCILLATOR LOCAL OSCILLATOR, OUTPUT FREQUENCY: 1960 MHZ, OUPUT POWER: +13 DBM, STABILITY: +/- 3 PPM, TEMPERATURE RANGE: -10 TO + 60 DEGREE CENTIGRADE, DC SUPPLY: 12 V @ 300 MA, PHASE NOISE: -110 DBC/HZ@ 10 KHZ OFFSET, MITEQ PART# BCO-I-1960-4-12P OR EQUIVALENT	2			
		3 OSCILLATOR OUTPUT FREQUENCY=1.9-2.4GHZ, OUTPUT POWER =+13DBM, OUTPUT SPURIOUS AND SUBHARMONICS =50 DBC MAX., PHASE NOISE =-100DBC/HZ@ 10KHZ, INPUT TUNING VOLTAGE = 0 - 15V MAX. , DC POWER = +12 TO +15V @200MA, CONNECTOR = SMA (FEMALE), MITEQ ETCO-1900-2400-12P OR EQUIVALENT	2			
		4 OSCILLATOR TEMPERATURE COMPENSATED CRYSTAL OSCILLATOR, FREQUENCY = 139.9MHZ, STABILITY < +/-10 PPM, PHASE NOISE (MAX):<121 DBC/HZ@ 10KHZ OFFSET, OPERATING TEMPERATURE: -20 TO + 70 DEGREE CENTIGRADE, OUTPUT POWER LEVEL: 0 DBM	10			

2. Please download your desired Tender Document from attached above mentioned documents and submit your offers in accordance with the following guidelines. Please be noted that in any case, no hard copies of Tender documents will be sold to any firm from the institute.

3. The bids are required to be delivered through courier or drop in the Tender Drop Box at IST Karachi Office latest by 1430 hours on the tender submission date(s). No any offer will be entertained after the said dates/timings.
4. The bids envelope must have two(s) separate envelopes inside (Technical and Financial Offers) clearly mentioned LIT/FIT and tender reference No(s) on the sealed envelopes; otherwise it will not be entertained in bidding process. It must also contain a covering note & Tender Fees (Non-Refundable) in form of Pay Order/Demand Draft separately.
5. The Technical Bid envelope must contains the Technical Data only with out prices, however, the Financial Bid envelope must contain the Prices and the Bid Bond equal to an amount of 2% of the overall bid value in form of Pay Order/Demand Draft.
6. All sort of Pay orders/Demand Drafts must be prepared in favour of Institute of Space Technology. Suppliers from Karachi may prepare the Bid Bond and Tender Processing Fee in form of Pay Orders, while the suppliers from outside Karachi city may prepare Demand Drafts for the purpose.
7. The technical offer(s) will be opened at 1500 hours on the last date of tender submission date in presence of suppliers who desired to attend. Later on Technical Offers will be forwarded to Technical Evaluation Committee. However, the Financial Offers will be opened in presence of the bidders or their representatives who may choose to be present, at the time and place that will be communicated later on through courier to the technically successful bidders only.
8. Separate Bids/Offeres must be submitted for each tender enquiry along with non-refundable Tender fee.
9. Please ensure that your offer should strictly be in accordance with our demanded specifications. In case, however, deviations from our desired specifications are unavoidable, the same may be highlighted in the offer or preferably submit it under heading of "Alternate Offer". On the other hand, if you desire to submit multiple options for the same type of store, you may do so, however, please list them under headings "Option- A", "Option-B", etc.
10. The Financial Offer(s) should give item-wise prices and sum total cost of the complete stores. The percentage rate of in-vogue GST (General Sales Tax) and the calculated amount of the same should be given. The overall value of the offer must be indicated in the Offer after considering any offer for special rebate/discount. Bid Bond (Earnest Money) @ 2% of the overall value of the Contract/Order up to Rs. 100,000/- only will be considered in form of Crossed cheque, however, Demand Draft/Pay Order is required to be furnished for over and above Contract Value of Rs. 100,000/-. Further, for cases having contract value more than Rs 5.00 Million, an unconditional Bank Guarantee for the desired amount will also be acceptable in lieu of Demand Draft/Pay Orders. [Bid Bonds, in any other form will not be acceptable]. The Bid Bonds will be returned in case of non-placement of order or after faithful compliance of the terms/conditions of the Purchase Order/Contract. Any quotation received without or less than 2% Bid Bond will be rejected. In case of quoting more than one offer for an item offered by same supplier, Bid Bond of value related to the highest quotation should be submitted. It must also be ensured that the validity of the offered prices must be clearly indicated in offer(s), and it must not be less than 60 days time period with effect from the last date of submission.
11. The offer(s) must be accompanied with a copy of GST Registration Certificate with an undertaking to provide the original, on our demand. The price of each item and GST amount should be quoted separately.
12. In case, the order is placed, a separate Sales Tax Invoice will be required along with the bill.
13. Please note that in case of exemption of payment of GST/Income Tax, or if it is not applicable at all, certificate to that effect will be required by our Finance Wing.
14. IST reserves the right to accept or reject any or all tenders in full or part thereof, as a whole or in part, without assigning any reason whatsoever. IST's decision in this regard will be final and binding on all the bidders.

Sd/-

Director (Procurement)
IST(Karachi Office)