

**GHULAM ISHAQ KHAN INSTITUTE  
OF ENGINEERING SCIENCES AND TECHNOLOGY**

**Tender documents**

**For**

**SUPPLY OF LABORATORY EQUIPMENT  
FOR  
PAK-US PROJECT**

**No. GIKI/PO/Pak-US Project-501/15  
26 January 2015**

The Ghulam Ishaq Khan Institute (GIK) of Engineering Sciences and Technology, located at Topi, District Swabi is a seat of excellence in higher engineering education and research. Sealed bids are invited from reputed firms/suppliers for supply Computers and IT Equipment:

1. **Specification of items:**

Detail of the items, for which rates are required are given at Annexure-A

2. **Date for submission of the quotation:**

Bids in sealed envelopes, on prescribed tender documents should reach to the Procurement Department, GIK Institute Topi before 3:30 pm on 10 February 2015. Write our inquiry No. GIKI/PO/Pak-US Project-501/14 on the top of the envelope. Open bids will not be accepted.

3. **Tender opening date and venue:**

Tenders will be opened by the Procurement Committee in the presence of bidders at 4:00 pm on the same date (10 February 2015) in the Conference Room of H. U. Beg Administration Block, GIK Institute, Topi - 23640, District Swabi, Khyber Pakhtunkhwa.

4. **Price / rate:**

Please quote unit price for each item on **C&F Islamabad Airport** basis.

5. **Validity of the price:**

Bids should remain valid for two months from the submission date of bids.

6. **Bid Security:**

You are required to enclose the call deposit of Rs.50,000 (refundable) through demand draft/pay order payable on account of GIK Institute, Topi with your bids document.

7. **Mode of Payment:**

Payment will be made through cross cheque subject to deduction of taxes, as per law, within 15 days after acceptance of materials / equipment **OR** will be imported through letter of credit.

8. **Delivery period:**

Please mention the delivery time after placing the Purchase Order for each item.

9. **Penalty clause:**

If you fail to supply the material in the above specified period, GIK Institute reserves the right to blacklist you for future business or forfeit the security money of 0.32% per day of the contract value or may impose any other financial penalty as deemed fit.

10. **Installation / Commission of the equipment:**

Equipment will be installed / commissioned by the trained engineer (s) of supplier / contractor at GIK Topi, free of charge / are including in the cost.

11. **Warranty:**  
Please indicate the warrantee period and terms & conditions of the warranty.
12. Please sign and stamp each page of the tender/bid document; otherwise, it will not be considered / accepted.
13. Bidders having minimum 3 years experience of said work to the reputable organization/ institute/company etc are must.
14. Incomplete forms will not be acceptable and will not be considered in any case, and will be rejected.
15. In case of any dispute the decision of the GIK Institute will be final and binding on you.
16. Bids, will be accepted only, for the specifications given in the Tender (Annexure-A).

**For further information:**

Director (Procurement) GIK Institute, Topi,  
District Swabi. Ph: 0938 281026 (Ext:2500/2213), Email: [latif@giki.edu.pk](mailto:latif@giki.edu.pk)

**To be filled by the bidders**

1. **Name of bidders:** -----
2. **Address:** -----  
-----
3. **Phone:** ----- **Mobile** -----
4. **Fax No.** ----- **E-mail:** -----
5. **NIC Tax No.** ----- **Sales Tax No.:** -----
6. **Branches (if any):** i. -----  
ii. -----  
iii. -----
7. **Type of Business:** i. -----  
ii. -----  
iii. -----
8. **Facilities:** i. List of technical staff with qualification and experience  
ii. Authorization of distribution / dealership -----  
iii. Any other: -----
9. **Monthly Turn Over:** -----
10. **Previous Experience** (name of organization where said or like equipment supplied/installed/commissioned):  
i. ----- ii. -----  
iii. ----- iv. -----  
v. ----- vi. -----  
vii. ----- viii. -----

Please enclose any supporting document

**Name and signature:** - -----

**Date:** -----

**Seal:**

## Annexure-A

S.#	Name of Items with specifications	Qty. Required
1.	<b>Mixed Signal Oscilloscope:</b> 1 GHz bandwidth; 4 GSa/s sample rate; 4 analog plus 16 digital channels, Standard 8 Mpts MegaZoom III deep memory; 12.1 inch display and complete accessories	1
2.	<b>Four Channel Digital Delay and Pulse Generator with standard accessories.</b> Delay resolution in ps, Adjustable amplitude & offset and Delays up to 1000 seconds SRS Model DG535 Digital Delay/Pulse Generator or equivalent	
3.	Compact High Resolution Film Thickness Monitor and Controller --- EQ-TM106 Or equivalent	1
4.	Compact Precision Screen Printing Film Coater with Vacuum Chuck & Pump - EQ-SPC-1-LD	1
5.	Programmable Spin Coater ( 9 segments, 4" wafer Max.) with Vacuum Chucks, Nylon Chamber and Optional Digital Pipette - VTC-100B-LD	1
6.	Millimeter Grade Programmable Dip Coater with Drying Oven and Touch Screen Digital Controller (1-200 mm/min) - PTL-MMB02	1
7.	Solar Cell Probing System, including : 4" Probe Station 1). 4" Probe Station Main Body 2). 4" Vacuum Chuck 3). Chuck X/Y Stage: 3" x 3" Travel 4). Chuck Z Up/Down Adjustable for Intensity Increment/Decrement 5). Rails for the Movement of Chuck Stage under Microscope or under Simulator 6). Chuck Theta 0~30 deg. 7). Vacuum Pump 7liter/min	1
8.	Stereo Microscope with 3rd Hole 1). Eyepiece: 20X; 2). Zoom: 0.7X~4.5X 3). LED ring light adjustable 4). Digital 5-Million pixel CCD	1
9.	Micropositioner 1). X-Y-Z in Linear Motion 2). Resolution: 5um 3). Magnetic base 4). Triaxial L probe tip holder, Spring Type with 1 meter long Triaxial cable (male)	4
10	Tip Tungsten, 10um Tip Diameter, 20mil Shank Diameter, 1.26inch Length, Straight, Box	4

	of 10pcs	
<b>11.</b>	<b>Model 4200-SCS Parameter Analyzer Accessories:</b>	
i.	Model 4200-MTRX-1 1m Ultra Low Noise SMU Triax Cable Terminated with a Miniature Male Triax Connector on One End and a Standard 3-Slot Male Triax Connector on the Other End	02
ii.	Model 4200-MTRX-2 Ultra Low Noise SMU Triax Cable Terminated with a Miniature Male Triax Connector on One End and a Standard 3-Slot Male Triax Connector on the Other End	02
iii.	Model 4210-MMPC-S High Performance Triaxial Cable Kit (for Use with SUSS MicroTec Probers)	01
iv.	Model 8101-PIV DC and Pulse I-V Component Test Fixture	01
v.	Model LR:8028 Component Test Fixture - Optimized for device testing at up to 200V/1A	01
vi.	Model 4200-CVU-PROBER-KIT Prober Accessory Kit for 4200-CVU	01
vii.	237-BAN-3A Triax to Banana Plug	01
viii.	237-BNC-TRX 3-Lug Female Triax to Male BNC Connector with guard disconnected	01
ix.	237-TRX-BAR 3-Lug Triax Female to Female Barrel Adapter	01
x.	237-TRX-T 3-slot Male to Dual 3-Lug Female Triax Tee Adapter	01
xi.	CS-1247 SMA Female to BNC Male Adapter 4200-SCS	02
xii.	CS-1249 SMA Female to SMB Plug Adapter 4200-SCS	02
xiii.	CS-1251 BNC Female to SMB Plug Adapter 4200-SCS	02
xiv.	CS-1252 SMA Male to BNC Female Adapter 4200-SCS	02
xv.	CS-1281 SMA Female to SMA Female Adapter 4200-SCS	02
xvi.	CS-1390 Male LEMO Triax to Female SMA Adapter 4200-SCS	02
xvii.	CS-1391 SMA Tee Adapter (Female-Male-Female) 4200-SCS	02
xviii.	CS-1423-3 Miniature Mating Connector 2635B, 2636B	02
xix.	CS-1479 SMA Male to BNC Male Adapter 4200-SCS	02