

INVITATION FOR QUOTATION

TEQIP-II/2016/WB2G02/Shopping/221

17-02-2016

To,

Sub: Invitation for Quotations for Supply of Goods

Package Code: TEQIP-II/WB/ WB2G02/221

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications as given at Annexure - I,

Sr. No	Brief Description	Quantity	Delivery Period (In days)	Place of Delivery	Installation Requirement (if any)
1	Reconfigurable System using FPGA with inherent DSP block	1 Set	45	Electronics and Tele-Communication Engineering	Yes

2. Government of India has received a credit from the International Development Association (IDA) in various currencies equivalent to **US\$ 300 Million** towards the cost of the **Technical Education Quality Improvement Programme [TEQIP]-Phase II** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. Quotation:

3.1 The contract shall be for the full quantity as described above.

3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.

3.3 All duties and other levies payable by the supplier under the contract shall be included in the total price.

3.4 **Applicable taxes shall be quoted separately for all items. Please note that the Excise exemption & Customs concession is applicable to Jadavpur University.**

3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

3.6 If you require any "waybill" for transportation of goods to Kolkata, you have to apply in advance separately with a copy of Invoice enclosing a copy of order; where Entry Tax will be paid by us for procuring way bill.

3.7 **The Prices should be quoted in Indian Rupees only.**

4. Each bidder shall submit only one quotation.

5. **Validity of quotation:** Quotation shall remain valid for a period not less than 45 days after the last date of quotation submission.

6. Evaluation of Quotations:

The Purchaser will evaluate and compare the quotations found to be substantially responsive i.e. which

6.1 are properly signed ; and

6.2 Conforming to the terms and conditions, and specifications.

7. The Quotations would be evaluated for all items together.

- Quotations will be compared on the basis of quoted price (Total Cost including all taxes) for goods at its final destination.
- Past performance & experience may be furnished to consider the credential of the bidder

8. Award of contract: The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

8.2 The bidder whose bid is accepted will be notified for the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

9. Payment shall be made in Indian Rupees as follows:

100% of the total cost after delivery, satisfactory installation along with demonstration and testing of the goods and also acceptance by the department.

10. All supplied items are under normal commercial warranty/ guarantee of not less than **12** months from the date of successful acceptance of items, unless specified of warranty for longer duration in the specification.

11. Rate of AMC may be furnished separately, which will be applicable at the end of the normal commercial warrant period.

12. You are requested to submit your offer on or before **15:00** hours on **08-03-2016**. Bids will be opened on the same day at 16:00 hours.

13. Detailed specifications of the items are at Annexure I.

14. Training Clause (if any) **Demonstration at the time of Installation are to be confirmed.**

15. Testing/Installation Clause (if any) **Satisfactory Installation & Testing is required**

16. Submission of video footage of the successful installation and testing along with Model No. & SL. No. is preferred.

17. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

18. Sealed quotation to be submitted/ delivered, **within 15:00 hours of 08-03-2016**, at the address mentioned below,

TEQIP CELL, 2nd Floor, Aurobindo Bhavan, Jadavpur University, 188, Raja S. C. Mallick Road, Kolkata- 700 032.

19. We look forward to receiving your quotation and thank you for your interest in this project.

Prof. Sanjib Acharyya
Nodal Officer, Procurement
TEQIP, Phase-II, JU



Annexure I

Package Code: TEQIP-II/WB/ WB2G02/221

Sr. No	Item Name	Specifications
1	Reconfigurable System using FPGA with inherent DSP block	<p>1. Zynq-700APSoC ZC702 Evaluation Kit Zynq-7000 XC7Z020 CLG484 -1</p> <ul style="list-style-type: none"> • ROHS compliant ZC702 kit including the XC7Z020-CLG484-1 AP SoC Power 12V wall adapter or ATX voltage and current measurement capability of supplies Configuration • Onboard configuration circuitry • 16MB Quad SPI Flash • SDIO Card Interface (boot) • PC4 and 20 pin JTAG ports <p style="text-align: center;">Memory</p> <ul style="list-style-type: none"> • DDR3 Component Memory 1GB • Support 32 data width • 16MB Quad SPI Flash ▪ IIC - 1 KB EEPROM <p style="text-align: center;">Communication & Networking</p> <ul style="list-style-type: none"> • Gigabit Ethernet GMII, RGMII and SGMII • USB OTG 1 (PS) - Host USB • IIC Bus Headers/HUB (PS) • 1 CAN with Wake on CAN (PS) • USB UART (PS) <p style="text-align: center;">Video/ Display</p> <ul style="list-style-type: none"> • HDMI Video OUT • 8X LEDs <p style="text-align: center;">Expansion Connector</p> <ul style="list-style-type: none"> • FMC #1-LPC connector (0 GTX Transceiver, 68 single-ended or 34 differential user defined signals) • FMC #2-LPC connector (0 GTX Transceiver, 68 single-ended or 34 differential user defined signals) • IIC HUB/Expander • Dual Pmod (8 I/O Shared with LED's) • Single Pmod (4 I/O Shared with PJTAG) <p style="text-align: center;">Clocking</p> <ul style="list-style-type: none"> • 200MHz Fixed PL Oscillator (Differential LVDS) • 156.25MHz (default) I2C Programmable Oscillator (Differential LVDS)

- 33.33MHz Fixed PS System Oscillator (Single-Ended CMOS)

Control & I/O

- 3 User Push Buttons
- 2 User Switches
- 8 User LEDs

Power

- 12V wall adapter or ATX
- Voltage and Current measurement capability of supplies

Analog

- XADC header

2. Zybo

The Z-7010 features include:

- 650Mhz dual-core Cortex-A9 processor
 - DDR3 memory controller with 8 DMA channels
 - High-bandwidth peripheral controllers: 1G Ethernet, USB 2.0, SDIO
 - □Low-bandwidth peripheral controller: SPI, UART, I
 - □Reprogrammable logic equivalent to Artix
- o 28K logic cells
 - o 240KB Block RAM
 - o 80 DSP slices
 - o On-chip dual channel 12-bit, 1 MSPS analog-to-digital converter (XADC)

On-board ports and peripherals:

- ZYNQ XC7Z2010-1CLG400C
- 512MB x32 DDR3 w/ 1050Mbps bandwidth
- Dual-role (Source/Sink) HDMI port
- 16-bits per pixel VGA output port
- Trimode (1Gbit/100Mbit/10Mbit) Ethernet PHY
- MicroSD slot (supports Linux file system)
- OTG USB 2.0 PHY (supports host and device)
- External EEPROM (programmed with 48-bit globally unique EUI-48/64™ compatible identifier)
- Audio codec with headphone out, microphone and line in jacks
- 128Mb Serial Flash w/ QSPI interface
- On-board JTAG programming and UART to USB converter

GPIO: 6 pushbuttons, 4 slide switches, 5 LEDs

- Six Pmod connectors (1 processor-dedicated, 1 dual analog/digital)



FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Package Code: TEQIP-II/WB/ WB2G02/221

Date: _____

To: _____

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Amount in figures) (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of _____ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No: _____