

**OFFICE OF THE PRINCIPAL**  
**GOVT. ENGINEERING COLLEGE JAGDALPUR, BASTAR, (C.G.) 494 005**

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**INVITATION FOR QUOTATION**

**TEQIP-II/2014/CG1G02/Shopping/35**

**04-Aug-2014**

To,

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**Sub: Invitation for Quotations for supply of Goods**

Dear Sir,

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

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	Floor Standing Rack 36U	1	60	Government Engineering College, Jagdalpur, Bastar, Chhattishgarh, Pin 494005	Yes
2	Floor Standing Rack 42U	1	60	Government Engineering College, Jagdalpur, Bastar, Chhattishgarh, Pin 494005	Yes
3	I/O Box	400	60	Government Engineering College, Jagdalpur, Bastar, Chhattishgarh, Pin 494005	Yes

4	Lan Cable	30	60	Government Engineering College, Jagdalpur, Bastar, Chhattishgarh, Pin 494005	Yes
5	Mount Rac 6U	10	60	Government Engineering College, Jagdalpur, Bastar, Chhattishgarh, Pin 494005	Yes
6	Mount rac 9U	10	60	Government Engineering College, Jagdalpur, Bastar, Chhattishgarh, Pin 494005	Yes
7	OTDR Meter manual	1	60	Government Engineering College, Jagdalpur, Bastar, Chhattishgarh, Pin 494005	Yes
8	Pig tail LAN cable	400	60	Government Engineering College, Jagdalpur, Bastar, Chhattishgarh, Pin 494005	Yes
9	RACK MOUNT SC BASED	6	60	Government Engineering College, Jagdalpur, Bastar, Chhattishgarh, Pin 494005	Yes
10	RJ 45 Connector	1000	60	Government Engineering College, Jagdalpur, Bastar, Chhattishgarh, Pin 494005	Yes
11	Splicing Machine	1	60	Government Engineering College, Jagdalpur, Bastar, Chhattishgarh, Pin 494005	Yes
12	Switch-LAN	20	60	Government Engineering College, Jagdalpur, Bastar, Chhattishgarh, Pin 494005	Yes

2. Government of India has received a credit from the International Development Association (IDA) 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 unit price.

3.4 Applicable taxes shall be quoted separately for all items.

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 The Prices should be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.

5. Quotation shall remain valid for a period not less than **55** days after the last date of quotation submission.

6. Evaluation of Quotations,

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

6.1 are properly signed ; and

6.2 confirm to the terms and conditions, and specifications.

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

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 of 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:

**Delivery and Installation - 90% of total cost**

**Satisfactory Acceptance - 10% of total cost**

10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **16:00** hours on **25-Aug-2014** .

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

13. Training Clause (if any) **No**

14. Testing/Installation Clause (if any) **Yes**

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

16. Sealed quotation to be submitted/ delivered at the address mentioned below,

Government Engineering College, Jagdalpur, Dhramapura-3, Jagdalpur, Bastar

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

(Authorized Signatory)

Name & Designation

**Annexure I**

Sr. No	Item Name	Specifications
1	Floor Standing Rack 36U	36U, Rack Standard : Conforms to DIN 41494 or equivalent standard, Construction : Welded or CKD (knockdown), Front Door : Lockable Double Toughened Glass Door or Perforated, Basic Frame : Steel, Equipment Mounting : DIN Standard 10mm Sq. Slots / Direct M6 Tap, Mounting Angle : 19" Mounting angles made of formed steel, Standard Finish : Powder Coated, Top and Bottom Cover : Welded to Frame, Vented and Cable

		entry/exit cut outs from Top & Bottom Standard Mounting Option : Castor wheels (Front 2 wheels with Break and rear without break) Or Levelers, Standard Color : Grey or Black, Static Load : 750 kgs approx. with Casters 1250 kgs with Levelers/Plinth, 650mm/800mm/1000mm deep configuration and 600 and 800 width configurations.
2	Floor Standing Rack 42U	42U, Rack Standard : Conforms to DIN 41494 or equivalent standard, Construction : Welded or CKD (knockdown) Front Door : Lockable Double Toughened Glass Door or Perforated, Basic Frame : Steel Equipment Mounting : DIN Standard 10mm Sq. Slots / Direct M6 Tap, Mounting Angle : 19" Mounting angles made of formed steel, Standard Finish : Powder Coated Top and Bottom Cover : Welded to Frame, Vented and Cable entry/exit cut outs from Top & Bottom Standard Mounting Option : Castor wheels (Front 2 wheels with Break and rear without break) Or Levelers Standard Color : Grey or Black, Static Load : 750 kgs approx. with Casters 1250 kgs with Levelers/Plinth, 650mm/800mm/1000mm deep configuration and 600 and 800 width configurations.
3	I/O Box	CAT 6 I/O Set Face plate with Gang Box, Fully shielded jack, with metal cover for total EMI/RFI protection, Compatible with 22-26 AWG solid conductors, Label window for port identification, RoHS Compliant, ETL Verified ISO/IEC-11801 Class E, ANSI/TIA-568-C.2 Category 6, Performance upto 600 MHz
4	Lan Cable	4 Pairs Unshielded Twisted Pair (UTP) Cable, Conductor Metal: Solid Bare Copper, Conductor Diameter: 0.560mm Nominal, 23 AWG, Insulation Diameter: 0.970mm Nominal, Insulation Material: HD-PE, Jacket Material: PVC, Cable Diameter: 6mm Nominal, PE Central Cross separator, Mutual Capacitance: 5.6nF/100m nominal, Characteristic Impedance: 100 $\pm$ 15%, Nominal Velocity of Propagation: 69%, Conductor Resistance: < 9.38 /100m, Resistance Unbalance: 5% Max, Capacitance Unbalance: 330pF/100m, Delay Skew: < 45nS, Bending Radius: < 4 X Cable Diameter at -20°C $\pm$ 1°C, Pulling Force: 11.5Kg, Temperature Range: -20° to +70°C
5	Mount Rac 6U	6U, Rack Standard : Conforms to DIN 41494 or equivalent standard, Construction : Welded Front Door : Lockable Toughened Glass Door, Basic Frame : Steel, Equipment Mounting : DIN Standard Slots Mounting Angle : 19" Mounting angles made of formed steel, Standard Finish : Powder Coated Top and Bottom Cover : Welded to Frame, Vented and Field Cable

		entry exit cut outs.
6	Mount rac 9U	9U, Rack Standard : Conforms to DIN 41494 or equivalent standard, Construction : Welded Front Door : Lockable Toughened Glass Door, Basic Frame : Steel, Equipment Mounting : DIN Standard Slots Mounting Angle : 19" Mounting angles made of formed steel, Standard Finish : Powder Coated Top and Bottom Cover : Welded to Frame, Vented and Field Cable entry exit cut outs, Standard Color : Grey or Black
7	OTDR Meter manual	Display: Outdoor-enhanced touch screen, 800 x 480 TFT, Interfaces: Two USB 2.0 ports, RJ-45 LAN 10/100 Mbit/s, Storage 2 GB internal memory (20000 OTDR traces, typical), Batteries : Rechargeable lithium-polymer battery, Power supply : Power supply AC/DC adapter, input : 100-240 VAC, 50-60 Hz, 9-16 V DCIN 15 Watts minimum, Wavelength: (nm) 1310/1550, Dynamic range: (dB) 30/28, Distance range: (km) 0.1 to 160 km, Pulse width: (ns) 5 ns to 20 us, Linearity: (dB/dB) $\pm 0.05$ , Loss threshold: (dB) 0.01, Loss resolution: (dB) 0.001, Sampling resolution: (m) 0.04 to 5, Sampling points Up to 256 000, Distance uncertainty (m) $\pm (0.75 + 0.005 \% \times \text{distance} + \text{sampling resolution})$ , Measurement time User-defined (60 min. maximum), Reflectance accuracy (dB) : $\pm 2$ , Typical real-time refresh :3Hz
8	Pig tail LAN cable	CAT6 UTP Patch Cord:2 Meter, The superior insulation around the 23 gauge (AWG) copper wire, transmit data at 1000 Mbps (~1 Gigabit per second) with a frequency of 250 MHz. The CAT6 cable standards are 10BASE-T, 100BASE-TX Fast Ethernet and 1000BASE-T / 1000BASE-TX (Gigabit Ethernet). Contacts: Gold plated: 30U, Contact Blade: Phosphor Bronze, Temperature Range: -10 ~ 80 Degree Centigrade, Insulation Resistance: 35M ohm (max.), Cable-to-Plug Tensile Strength: 20 lbs (89N) (min.) Heat Resistance: 60 degree Centigrade min (temperature limited).
9	RACK MOUNT SC BASED	12U, Rack Standard : Conforms to DIN 41494 or equivalent standard, Construction : Welded Front Door : Lockable Toughened Glass Door, Basic Frame : Steel, Equipment Mounting : DIN Standard Slots Mounting Angle : 19" Mounting angles made of formed steel, Standard Finish : Powder Coated Top and Bottom Cover : Welded to Frame, Vented and Field Cable entry exit cut outs.
10	RJ 45	Cat 6 Modular Plugs (RJ 45 Connector), 50 micro-inch gold plating over 50

	Connector	micro inch Nickel plated on contact area.
11	Splicing Machine	Applicable fibers: Single / SMF (G.652/657), MMF (G.651), DSF (G.653), NZDSF (G.655), Cladding dia: 80-150um, Splice mode / heating mode: Total 100 splice modes / 30 heating modes, Splice loss: 0.02dB (SM), 0.01dB (MM), 0.04dB (DSF) and 0.04dB (NZDS) Measured by cut-back method relevant to ITU-T and IEC standards. Splice time / tube heating time: Typical 7sec with SM / Typical 14sec with FP-03 (60mm) sleeve, Splice result storage: Last 2000 splices, Viewing methods / magnification: 2 axis CMOS camera with 4.73" color LCD. X / Y (320X magnification), or both X and Y simultaneously (200X magnification), Tension test: 1.96 to 2.25N, Operating condition: Altitude : 0 to 5,000m above sea level, Wind : 15m/sec, Temperature : -10 to 50deg C, Humidity : 0 to 95%RH, Resistance features: all surface Dust : Exposure to dust (0.1 to 500µm dia Alumina Silicate), Rain : H=10mm/hr for 10min, features: PC software upgrade / data management, USB 2.0 (Mini-B type) connector for PC communication.
12	Switch-LAN	Ports: 24 RJ-45 connectors for 10BASE-T and 100BASE-TX, 4 RJ-45 connectors for 10BASE-T/100BASE-TX/1000BASE-T with 2 shared SFP slots, Auto MDI/MDI-X, Autonegotiate/Manual setting Cabling Type UTP CAT 5 or better for 10BASE-T/100BASE-TX, UTP CAT 5e or better for 1000BASE-T, Performance: Switching Capacity 12.8 Gbps, non-blocking, MAC table size 8K, Number of VLANs 256 VLANs , Layer 2 Switching : VLAN Port-based and 802.1q based VLANs, Private VLAN Edge (PVE), Management VLAN HOL Blocking Head of line blocking prevention, Mini jumbo frame Supports frames up to 1600 bytes Dynamic VLAN GVRP - Dynamic VLAN Registration, Standards 802.3i 10BASE-T Ethernet, 802.3u 100BASE-TX Fast Ethernet, 802.3ab 1000BASE-T Gigabit Ethernet, 802.3z Gigabit Ethernet, 802.3x Flow Control, Power Internal switching power, Certification FCC Part15 Class A, CE Class A, UL, cUL, CE mark, CB Operating Temperature 32 to 104°F (0 to 40°C), Storage Temperature -4 to 158°F (-20 to 70°C) Operating Humidity 10 to 90%, Storage Humidity 10 to 95%"

### FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

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: \_\_\_\_\_