



Institute of Technology, Gopeshwar, The Director, Institute of Technology,
Gopeshwar, Kothiyalsain, Chamoli-246424, Uttarakhand

INVITATION LETTER

Package Code: TEQIP-III/2020/UK/iotg/205

Current Date: 25-Jan-2020

Package Name: ITG/GOODS/EQUIPMENTS/ELECTRICAL
WORKSHOP/01

Method: Shopping Goods

To,

Sub: INVITATION LETTER FOR ITG/GOODS/EQUIPMENTS/ELECTRICAL WORKSHOP/01

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	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1	ELECTRICAL WORKSHOP	1	THE DIRECTOR, INSTITUTE OF TECHNOLOGY GOPESHWAR KOTHIYAL SAIN CHAMOLI UTTARAKHAND (246424)	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 III** 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, initialling, 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 **45**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:

Payment Description	Expected Delivery Period (in Days)	Payment Percentage
Satisfactory Acceptance	30	100

10. Liquidated Damages will be applied as per the below:
 Liquidated Damages Per Day Min %: 0.10
 Liquidated Damages Max %: 10
11. All supplied items are under warranty of **12** months from the date of successful acceptance of items and AMC/Others is **0**.

12. You are requested to provide your offer latest by **12:30** hours on **15-Feb-2020**.
13. Detailed specifications of the items are at Annexure I.
14. Training Clause (if any) **YES**
15. Testing/Installation Clause (if any) **YES**
16. Performance Security shall be applicable: **0%**
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 at the address mentioned below, **Institute of Technology, Gopeshwar, The Director, Institute of Technology, Gopeshwar, Kothiyal Sain, Chamoli-246424, Uttarakhand**
19. We look forward to receiving your quotation and thank you for your interest in this project.



(Authorized Signatory)




Name & Designation



Annexure I




Electrical Workshop Specifications			
S. NO.	Item Name	Specifications	Qty.
1.	Instrument test bench with cup boards	<p>The overall dimensions of Workbench should be not less than W = 1500 mm; D = 900 mm; H = 1100 mm, 3 nos. MS drawers with handle & separate lock on each drawer should be provided. Leveling screws on the base of the legs should be provided.</p> <p>Work bench should be facilitated to observe the power parameters on touch screen graphic GUI and data logging with software.</p> <p>Three Phase Power Analyzer: Display: LCD Display with backlite, Voltage: 400VAC, Current: 1A/5A range Measurement: Power, Energy, V, A, Hz, PF, KW, KVA, KVAR</p> <p>Function Generator with Frequency Range of Sine wave 1Hz - 10MHz, Dual DC Power Supply, 0-32 V, 0-2 Amp with Voltage and Current readout, 1KHz LCR Meter with LCD Display,</p> <p>Digital Oscilloscope: Signal –bandwidth: 50MHz ,Real -time sampling rate: Max.1 Gsa/s, sampling rate: Max.50 GS/s, 2 Mpts memory depth, 32 parameters of automatic measurements, Unique Digital Filter & waveform recorder function, Advanced cursor modes: Manual, Auto & Track, USB Host: Support USB Flash driver save /recall function & update firmware,</p> <p>Window: Hanning, Hamming, Blackman, Rectangular.</p> <p>Temperature controlled Soldering and De soldering station with SMD Iron, Components bin –Bin with various general components like Resistor, Capacitor, Inductor, Pot etc., Variac -Single Phase with 5Amp current rating in separate housing., Tool Kit –Should comprise with a set of general-purpose tools like Mains Tester, Screw Driver, Tweezer, and Plier.</p>	01
2.	Manual Motor coil Winding Machine	With step arbor with kit	01
3.	Ceiling fan coil Winding Machine	250V, 50 Hz, 1- Φ	01
4.	Pillar Electric Drill Machine Motorized	12-20 mm Capacity, 1HP, 440V, 3 phase, Induction Motor with DOL starter, Bench Type	01
5.	Battery Charger	0 -6 -9 -12 -24 -48 V, 30amp	01
6.	Punch Plier Cable Joint Kit	25-400mm Cable, 10-50mm Cable	01
7.	Motor body	Open motor body 1HP, 2HP, 5HP	01
8.	MCB	6Amp, 16Amp and 32Amp	04
9.	TPN four pole	32Amp, 63 Amp and 100Amp	01



10.	MCCB TRIPLE POLE	32Amp, 63 Amp and 100Amp	01
11.	Cable	50 mm cable	120 mtr.
12.	Rubber mat	Insulation rubber mat	05
13.	Wire	10mm Wire Havells	02
14.	Wire	6mm Wire Havells	02
15.	Wire	4mm Wire Havells	02
16.	Wire	2.5mm Wire Havells	02
17.	Wire	1mm Wire Havells	02
18.	Switch	6Amp Switch Havells	25
19.	Socket	6Amp Socket Havells	25
20.	Switch	16Amp Switch Havells	25
21.	Socket	16Amp Socket Havells	25
22.	MCB Channel Box	MCB Channel Box	04
23.	Transformer	AC220V To Dc 12V, 15Amp with complete rectifier circuit	01
24.	Transformer	AC 220V To DC 24V 15Amp with complete rectifier circuit	01
25.	Transformer Core	Transformer core 4NO Transformer core 7NO	10kg 10kg
26.	Winding wire copper	Winding wire 18-19NO Winding wire 23NO Winding wire 30NO Winding wire 32NO Winding wire 35NO Winding wire 36NO Winding wire 36NO Winding wire 8NO Winding wire 16NO	6kg 6kg 4kg 4kg 4kg 4kg 4kg 4kg 4kg
27.	Drill machine	BOSCH Hammer Drill machine with toll box 600RE	01
28.	Wireless drill machine	BOSCH Drill machine wireless 18v battery With charger	01
29.	Extension board	Extension board 2.5mm 5meter cable 16A socket 5A socket with 16A four switch &socket 5A four switch &socket	05
30.	Soldering wax	Soldering wax	1 kg.
31.	Screw Driver Set	Tata Company	02
32.	Plier (Insulation)	Tata Company	05
33.	Plier (Nose)	Tata Company	05



34.	Search light	Wattage: 100 W Backup: 30+ Hours Rechargeable Waterproof Water Resistant Range: at least 500 mt. With hanging Belt	01
35.	Neutral Link	16MM 10 Point	05
36.	Isolator DP	16 Amp and 32 Amp	05
37.	Combined Switch and Socket	15 Amp	10
38.	PVC Gang Box	3+1, 4+1 and 5+1	05
39.	PVC Batten Casing and Capping	16MM, 25MM and 32MM	30 pc.
40.	Aluminium Strip	20MM and 16MM	20 mtr.
41.	Motor Winding Paper	As per Standard	03 kg
42.	Motor Winding Varnish	As per Standard	03 ltr
43.	Cable lug puncher	At least 16 Ton Hydraulic Crimping Tool with at least 12 dies from 16-300 mm ² for Copper, Aluminium Terminal Pliers. 	01
44.	Armored cable cutter	CK Armoured Cable Cutter Armour slice SWA 	01

45.	IRFP460 TO247AC N- Channel N- MOSFET Transistor	500V 20A	50
46.	MOSFET (IRFP G-50)	As per standard	50
47.	Battery lug	Cable Diameter (6 mm) Cable Diameter (8 mm) Cable Diameter (10 mm) Cable Diameter (12 mm) 	20 pc. 20 pc. 20 pc. 20 pc.
48.	Angle Grinder	Bosch GWS 600 Professional machine along with Metal 4-inch Grinding Wheel Set	01
49.	Safety goggle	3M 1621 Chemical Protection Safety Goggles 	10 pc
50.	Automatic LED Light Tikki Fitting Machine	Type : Pneumatic Make : Indian Manufacturing Function : Press Machine With 5 parts:- <ol style="list-style-type: none"> 1. Press machine 2. Small Size Housing : from 45 mm To 57 mm 3. Big Size Bulb Housing Holder : 58 mm To 95 mm 4. Presser Die For Small Size Heat Sink Plate 5. Presser Die For Big Size Heat Sink Plate 	02

51.	Manual/Hand LED Bulb Tikki Fitting/Pressing Machine	<p>Type: Manual Make: Indian Manufacturing Function: Press Machine With 5 parts: -</p> <ol style="list-style-type: none"> 1. Press Machine 2. Small Size Housing: 45 mm to 57 mm 3. Big Size Bulb Housing Holder: 58 mm to 95 mm 4. Presser Die for Small Size Heat Sink Plate 5. Presser Die for Big Size Heat Sink Plate 	03
52.	Automatic LED Bulb Cap Punching Machine	<p>Product Specification: - Make: Indian Manufacturing Usage/Application: LED Bulb Punching Depth: at least 1.5 inch Material: Aluminium Automation Grade: Manual Base Size: B22 Pin Count: at least 12 Pin</p> 	02
53.	Manual LED Bulb Cap Punching Machine	<p>Product Specification: - Usage/Application: LED Bulb Punching Depth: at least 1.5 inch Height: 10-20 inch Material: Aluminium/Steel Pin Count: at least 12 Pin</p>	03

			
54.	Pad Printing Machine or Marking Machine (Pneumatic)	<p>Standard Cliche Plate Size: at least 180×75×10mm Maximum Printing Diameter: at least 50mm Printing Capacity: at least 3000 prints/hr Maximum Height of Product: at least 80mm Drive: Pneumatic Printing Force: at least 400 N at 6 bars Compressed Air Connection: at least 5-6 bar Air Consumption Maximum: at least 5 NM³/hr at 6 bars Electronically Controlled System Pad Vertical Stroke: up to 100mm Speed Adjustment: Adjustable by pneumatic choke. (photos just for reference)</p> 	01
55.	Air Compressor	<p>Motor: 2 hp No. of Cylinder: 2 Phase: 1 Pressure: at least 120 psi Capacity: AT LEAST 100 liters Indian MAKE</p>	01
56.	Hot Air Gun	<p>Bosch GHG 20-63 2000-Watt PVC Professional Heat Gun</p> 	01

57.	Soldering Gun	<p>Voltage: 110-220 V Power: at least 100W The head temperature of soldering iron: at least 450 deg C Standard soldering head: tip Auto cut thermal protection</p> 	05
58.	Wire Cutter	Taparia or TATA	10
59.	Thermal Paste for LED	As per Standard for LED lighting	10kg
60.	Soldering Wire	Compatible to fit in Soldering gun ordered	10kg
61.	Raw material for 7W Bulb	<p>Driver stand by voltage: 70 V to 400 V Current rating: 0.5 to 1 Amp Holder: B22 Housing Frame Housing Cap Tikki Screw Led Plate: 7 Watt Make: Indian Warranty: 2 years</p> 	1000 pc.
62.	Raw material for 9W Bulb	<p>Driver stand by voltage: 70 V to 400 V Current rating: 0.5 to 1 Amp Holder: B22 Housing Frame Housing Cap Tikki Screw Led Plate: 9 Watt Make: Indian</p>	1000 pc.

		<p>Warranty: 2 years</p> 															
63.	Raw material for 20W tube light	<p>Length: 4 feet T5 Aluminium Frame Aluminium Frame End Caps Aluminium Frame Wall Clamps Diffusor MCBPCB Colour Temperature: 5000-6500 K Luminous Flux: 100 lumens Driver stand by voltage: 70 V to 400 V Current rating: 0.5 to 2 Amp AC wire Driver sleeve Make: Indian Warranty: 2 years</p> 	200 pc.														
64.	Raw material for 24W street light	<table border="0"> <tr> <td>Body Material</td> <td>Aluminium</td> </tr> <tr> <td>Install Style</td> <td>Embedded, Surface Mounted</td> </tr> <tr> <td>Lighting Colour</td> <td>Cool White, Warm White</td> </tr> <tr> <td>Base Type</td> <td>E40</td> </tr> <tr> <td>Wattage</td> <td>24W</td> </tr> <tr> <td>Pipe Diameter</td> <td>42 - 54mm</td> </tr> <tr> <td>Usage/Application</td> <td>Street Lighting</td> </tr> </table>	Body Material	Aluminium	Install Style	Embedded, Surface Mounted	Lighting Colour	Cool White, Warm White	Base Type	E40	Wattage	24W	Pipe Diameter	42 - 54mm	Usage/Application	Street Lighting	20 pc.
Body Material	Aluminium																
Install Style	Embedded, Surface Mounted																
Lighting Colour	Cool White, Warm White																
Base Type	E40																
Wattage	24W																
Pipe Diameter	42 - 54mm																
Usage/Application	Street Lighting																

		Color Temperature 5000-6500 K Voltage 180V - 280V Lighting Type LED Corrosion Resistance Yes Lumen 110 lm/W Color Black, Grey Shape Rectangular Warranty 2 years	
			

❖ **Note: -**

1. All the goods are acceptable only of ISO/ISI certified company.
2. All the pictures attached are for representational reference purpose only.

QUALIFICATION CRITERION

Sr. No	General Specifications
1.	The product should be certified by standard certification bodies ISO/ISI/CE/IEEE and IEC.
2.	GST Registration Certificate Photocopy
3.	PAN Card Photocopy

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. _____