

INVITATION FOR QUOTATION

TEQIP-III/2018/nitm/Shopping/23

14-Aug-2018

To,

Sub: Invitation for Quotations for supply of Goods

Dear Sir,

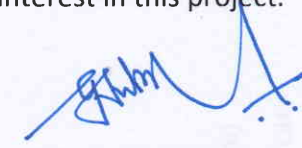
1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	IR Camera	1,	60	NIT Manipur	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, 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 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:
- Delivery and Installation - 90% of total cost**
- Satisfactory Acceptance - 10% of total cost**
10. All supplied items are under warranty of months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **13:30** hours on **07-Sep-2018** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any)
14. Testing/Installation Clause (if any)
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,
Langol, Imphal West 795004
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	IR Camera	IR resolution 320X240 Pixels Object temperature range 0-300°C Thermal sensitivity 50mK, Spectral range 7.5-13 μm, 0.4m, Focus distance 1.3-1.5 mrad, Image frequency 60hz, 24-25° lens, 18mm focal length, Detector pitch 25 μm, detector time constant 12 ms, Accuracy 2%, detector type uncooled, operating temperature range -15 to +50°C, storage temperature range -20 to +50°C, external power supply DC/AC, warranty 1 yr

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: _____

Appendix - A

Technical Specification

Item :	Thermal Imaging Camera	
Application: Temperature variation measurement for least area of 0.2x0.2 m ²		
1	IR resolution	320x240 pixels
2	Object temperature range	0-300°C (<i>Two or more calibration range preferred</i>)
3	Thermal Sensitivity(NETD)	50mK (<i>or less</i>)
4	Spectral range	7.5-13µm
5	Min. focus distance	0.4 m
6	Spatial resolution at min. focus distance	1.3-1.5 mrad
7	Image frequency	60 hz.
8	Lens	24-25° lens
9	Focal length	18 mm (<i>or less</i>)
10	Detector pitch	25µm (<i>or less</i>)
11	Detector time constant	12 ms (<i>or less</i>)
12	Focus	Auto/Manual
13	Accuracy	±2°C or 2% (<i>If higher, will not be considered</i>)
14	Detector type	Uncooled
15	Interface	Gig E/USB
16	Operating temperature range	-15 to +50°C
17	Storage temperature range	-20 to +50°C
18	External power supply	DC or AC
19	Warranty	1 yr.(+2 yrs. (optional) to be included separately)
Software for IR camera control, processing & post processing		
1	IR software to be compatible for Uncooled camera (as well as for Cooled camera, for any future upgradation of the camera).	
2	Digital enhancement features like Digital Detail Enhancement (DDE) that improves the understanding of the thermal image, while maintaining radiometric measurement accuracy.	
3	View, record and store images at high speed. Snapshot & Video recording capabilities.	
4	Direct connection of the software to Matlab.	
5	Powerful filters and functions that can be applied in real time including sliding subtraction that can show the differences between frames in real time.	
6	Post-processing of fast thermal events. Should be able to capture live temperature readings into excel sheet.	
7	Multiple windows, multiple analysis tools, image processing.	
8	Compatible with windows 7 and 10.	
Note:	-Calibration certificate to be provided. -Servicing and Calibration centre in India. -Tripod should be included.	
IMPORTANT		
I.	<i>The lens should be changeable; if additional lens is procured in the future, the lenses should be able to interchange.</i>	
II.	<i>Technical brochure should be submitted along with quotation for verification of technical specification which is mentioned above.</i>	
III.	<i>Installation and Training programme for 3 days to be included (Satisfaction of Purchaser is important).</i>	
IV.	<i>Technical support and Service guidance (online support for 1 year).</i>	
	<i>If not satisfied (viz. accuracy test), the Purchaser have the right to cancel the order.</i>	

Appendix - B

COMPLIANCE CERTIFICATE

(A certificate of compliance to Technical Specification to be enclosed in the Technical bid)

Sl. No.	Technical Specification	Yes / No
01	IR resolution agreed as specified	
02	Object temperature range agreed as specified	
03	Thermal Sensitivity(NETD) agreed as specified	
04	Spectral range agreed as specified	
05	Min. focus distance agreed as specified	
06	Spatial resolution at min. focus distance agreed as specified	
07	Image frequency agreed as specified	
08	Lens agreed as specified	
09	Focal length agreed as specified	
10	Detector pitch agreed as specified	
11	Detector time constant agreed as specified	
12	Focus agreed as specified	
13	Accuracy agreed as specified	
14	Detector type agreed as specified	
15	Interface agreed as specified	
16	Operating temperature range agreed as specified	
17	Storage temperature range agreed as specified	
18	External power supply agreed as specified	
19	Warranty agreed as specified	
20	IR software to be compatible for Uncooled camera (as well as for Cooled camera, for any future upgrade of the camera) agreed as specified	
21	Digital enhancement features like Digital Detail Enhancement (DDE) that improves the understanding of the thermal image, while maintaining radiometric measurement accuracy agreed as specified	
22	View, record and store images at high speed. Snapshot & Video recording capabilities. agreed as specified	
23	Direct connection of the software to Matlab.	
24	Powerful filters and functions that can be applied in real time including sliding subtraction that can show the differences between frames in real time.	
25	Post-processing of fast thermal events. Should be able to capture live temperature readings into excel sheet. agreed as specified	
26	Multiple windows, multiple analysis tools, image processing. agreed as specified	
27	Compatible with windows 7 and 10. agreed as specified	
28	Calibration certificate provided	
29	Servicing and Calibration centre in India provided	
30	Tripod should be included. agreed as specified	

31	The lens should be changeable; if additional lens is procured in the future, the lenses should be able to inter-change. agreed as specified	
32	Technical brochure should be submitted along with quotation.	
33	Installation and Training programme for 3 days to be included (Satisfaction of Purchaser is important) agreed as specified	
34	Technical support and Service guidance (online support for 1 year) agreed as specified	
35	If not satisfied (viz. accuracy test), the Purchase have the right to cancel the order. agreed as specified	



Signature:

Name & Full Address of Tenderer:

M/s

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Phone Nos.:

E-mail:

Official seal of the Tenderer