Dated: 05.10. 2023

1/54620/2023

W	/II	/Pi	ırch	าลรค	Cel	1/	22	-23	/381

 To,		

Sub: Quotations for procurement of Thermal Imaging logger for fine scale data, Infrared Thermometer and Thermocouple for Infrared Thermometer for Assessment and Monitoring of Climate Change Effects on Wildlife Species and Ecosystems for Developing Adaptation Strategies in the Indian Himalayan Region-DST NMSHE Phase II – reg.

Sir,

The Wildlife Institute of India, Dehradun wishes to procure Thermal Imaging logger for fine scale data, Infrared Thermometer and Thermocouple for Infrared Thermometer for Assessment and Monitoring of Climate Change Effects on Wildlife Species and Ecosystems for Developing Adaptation Strategies in the Indian Himalayan Region-DST NMSHE Phase II at Wildlife Institute of India, Dehradun. The details of equipment, quantity and specifications are given below:

SI.	Description	Qt
No.		y.
	<u>Item</u>	
1	Thermal Imaging logger for fine scale data	2
	Туре	
	Thermal imaging camera	
	Thermal Sensor	
	320 x 240 (76,800 pixels)	
	Field of View	
	57 degree FOV	
	Temperature Range	
	-40F to 626F (-40C to 330C)	
	Frame Rate	
	<9Hz	
	Focus	
	Fixed focus	
	Light/Flash	
	Yes	
	Display	
	3.5 Color Display (648 x 482 Resolution)	
	Microbo1ometer	
	Vanadium Oxide	
	Thermal Sensitivity	
	70 mK	
	Spectral Range	
	7.5- 14 Microns	
	User Interface	

1/54620/2023

	Intuitive Touch Screen	
	Temp. display Scale	
	Fahrenheit, Celsius or Kelvin	
	Color Palettes	
	White, Black, Tyrian, Iron, Prism, Amber &	
	Storage Media	
	4GB Internal Storage	
	WiFi	
	WiFi enabled	
2	Infrared Thermometer	2
3	Thermocouple for Infrared	3
	Thermometer	

4

Detailed Technical Specifications

	Infrared Thermometer					
	Item Non-contact Infrared Scan function Thermocouple Probe Scan function					
	Measurement Range	-60 to +500°C (-76 to +932°F)	-64 to +1400°C (-83.2 to +1999°F)			
	Operating Range	0 to +50°C (32 to +122°F)				
	Accuracy (Tobj=15~35°C, Tamb=25°C)	±1.0°C (1.8°F)	+/-1% of reading or 1°C (1.8°F) whichever is greater (Test under Tamb=23±6°C)			
	Accuracy (Tobj=- 33~500°C, Tamb=23±3°C)	±2% of reading or 2°C (4°F) whichever is greater				
	Emissivity Range	0.95 default – adjustable 0.1 to 1 step .01				
	Resolution (- 9.9~199.9°C)	0.1°C/0.1°F				
	Response Time (90%)	1sec				
	Distance: Spot	12:1(90% energy covered)				
	Battery Life	Typ.180, min 140 hours continuous use (Alkaline, without Laser and Back Light.)		03		
16	Thermocouple for Infrared Thermometer					
	Type K					
	Temperature Measuring Range (°C)	- 3~350				
	Temperature Co- efficient	-2~5%/°C				
	Hot-Time Constant ≤7 s(in the air)					
	Dissipation Power Factor	ation Power ≥5 m W/°C (static in the air)				
	Max Power Output (W)	0.4				
	Temp Probe Cable Length	1 meter or more				
	Width x Length(mm)	Three different Sizes: i) 3mm (Sensor Diameter) x 20mm ii) 1mm (Sensor Diameter) x 150mm iii) 2mm (Sensor Diameter) x 20mm				

Terms & Conditions:

- **1.** The specifications of the quoted Equipments should be strictly as per specifications mentioned above.
- 2. The equipment being quoted should be of Original Equipment Manufacturer (OEM) of reputed company and no non-standard equipment will be accepted by the Institute. The bidder should be an Authorized Distributors of OEM or their authorized dealer in India. An authorization certificate/letter from the OEM or Authorized Distributor to this effect should be attached with the offer.
- 3. The supplier should indicate brand/make and full details of the equipment and submit complete technical specifications, without leaving any scope for ambiguity and must also attach technical information literature, leaflets, catalogues, brochures etc. The supplier must ensure that the quotation submitted is in accordance with the requirements/specifications of WII.
- **4.** Offer should be valid for a period of three months from the date of submission of quotations.
- 5. Warranty: You are required to give a warranty for a minimum period of one year from the date of satisfactory supply of the equipment. If during warranty period, the equipment supplied fails to give satisfactory performance and found defective, you will rectify the defect within a reasonable time; failing which the equipment should be replaced with new one(s) without any extra cost.
- **6. Prices**: You should quote your rates on a fixed price on FOR, WII, Dehradun basis.. The taxes, if any should be clearly mentioned. The prices should be quoted only in Indian Rupees.
- **7.** You may submit your rates/offer for the item in the following format only. You may use separate sheets, if required.

SI.	Item	Brand/ Make	Model	Unit	GST, if	Total	Remarks,
No.	Description and		No.	Price	any	Amount	if any.
	Specifications			(In Rs.)	with		
					%age		

Note: Rates should be quoted only in accordance with the above mentioned table; failing which their offer is liable for rejection.

- **8.** The bidder is required to clearly mention that they agree to all the terms and conditions of this quotation and it should be given on their printed letterhead indicating Sales Tax Registration, FAX, Email, Telephone numbers, etc.
- **9.** Offers of those firms will only be considered by the Institute, whose bids are meeting all the technical specifications/parameters given for the above required equipments. If any of the given specifications/parameters does not meet the required specifications as mentioned above, their offer will not be considered and shall be summarily rejected by the Institute.
- **10. Comparison of Rates**: Comparison of Rates shall be made after adding the taxes etc. and given in above Table.
- **11. Payment**: Payment shall be released on bill basis after entire supply and inspection and acceptance of the equipment in good condition
- **12. Delivery**: Agency would be required to supply the equipments within a period of four weeks from the date of issue of supply order, if placed with your firm. The delivery address is Wildlife Institute of India.
- **13. Penalty**: Penalty @ 0.5% per week will be charged for late supply subject to a maximum of 5% on the amount of equipments which have been supplied late.
- **14.** Bidders are asked for submission of (i) Copy of GST Registration Certificate (ii) Copy of PAN Card.
- **15.** In case of decrease in prices after the supply order and before the delivery, the benefit shall be passed on to the WII. No claim for compensation or loss due to fluctuations in currency rates or any other reasons/causes shall be entertained.
- **16.** The firm shall furnished original documents to verify the authenticity of the documents as and when instructed by the competent authority.
- 17. The unsigned quotations will be rejected
- 18. The authority or the person signing the tender, if called for, should be produced.
- **19.** The bid shall be typed or printed in English only. All pages of the bid document shall be numbered consecutively and shall be signed by the bidder as proof of having read the contents therein and in acceptance thereof.
- **20.** Incomplete and conditional tender will be rejected.
- **21.** No octroi, freight, insurance, etc. shall be paid.
- **22.** Wherever applicable and if applicable, the preference to the domestic bidder or make in India product will be given.
- 23. The above quantity of the equipments are approximate, the same may be reduced or increased at the time of issuing supply order(s), depending upon the requirement of the Institute.
- **24.** The Institute reserves the right to accept or reject any of the quotation straightway without assigning any reasons.

WII/PurchaseCell/22-23/381

1/54620/2023

- **25.** Bidders should not have been blacklisted by Departments/Ministries of the Govt. of India or PSUs during last 3 years and continues to be so. A Declaration has to be submitted in the specified format as provided in Tender Document. (Annexure-1)
- 26. Last Date of Submission of Quotations: Quotations in all respect in a sealed cover superscribing procurement of Thermal Imaging logger for fine scale data, Infrared Thermometer and Thermocouple for Infrared Thermometer for Assessment and Monitoring of Climate Change Effects on Wildlife Species and Ecosystems for Developing Adaptation Strategies in the Indian Himalayan Region-DST NMSHE Phase II should reach the Purchase Officer, Wildlife Institute of India, Chandrabani, Dehradun-248001, Uttarakhand on or before 2.11.2023 upto 1700 hrs. Quotations received late will not be accepted by the Institute.

Yours faithfully,

(KK Shrivastava)
Purchase Officer

Annexure-1

Non-Blacklisting declaration (To be given on Company Letter Head)

Date:
То,
Sub: Declaration for Non-Blacklisting
Tender Reference No:
Name of Tender / Work: -
Dear Sir,
We hereby declare that we are not blacklisted by any Central/ State Government/ agency of Central/ State Government of India or any other country in the world/ Public Sector Undertaking/ any Regulatory Authorities in India or any other country in the world for any kind of fraudulent activities during last 3 years and continues to be so.

Yours Faithfully, (Signature of the Bidder, with Official Seal)