

Infrastructure Development Company Limited (IDCOL)
UTC Building (Level -16 & 17), 8 Panthapath, Kawranbazar
Dhaka-1215

REQUEST FOR QUOTATION FOR
SUPPLY OF THERMAL IMAGING CAMERA (03 units)

RFQ No: IDCOL/TECH/2024/G-02

21 March 2024

To Whom It May Concern

1. IDCOL has been allocated public funds and intends to apply a portion of the funds to eligible payments under the Contract for which this Quotation Document is issued.
2. Detailed Specifications and, Design & Drawings for the intended Goods and related services shall be available in the office of the Procuring Entity for inspection by the potential Quotationers during office hours on all working days.
3. Quotation shall be prepared and submitted using the 'Quotation Document'.
4. Quotation shall be completed properly, duly signed-dated each page by the authorized signatory and submitted by the date to the office as specified in **Para 6** below.
5. **Securities such as Quotation Security (i.e. the traditionally termed Earnest Money/Tender Security) and Performance Security shall be required** for submission of the Quotation and delivery of the Goods (if awarded) respectively.
6. **Quotation Security/Tender Security shall be BDT. 60,000 (Sixty thousand) to be submitted in favour of "Infrastructure Development Company Limited"** in the form of a Bank Draft or Pay Order or in the form of an irrevocable unconditional Bank Guarantee issued by any scheduled bank of Bangladesh.
7. **The amount of Performance Security shall be 10 (Ten) percent of the Contract price.**
8. Quotation in a sealed envelope shall be submitted to the office of the undersigned on or before **31 March 2024 at 12.00 pm**. The envelope containing the Quotation must be clearly marked **"SUPPLY OF THERMAL IMAGING CAMERA (03 units)"** and **DO NOT OPEN before 31 March 2024 at 12.00 pm**. Quotations received later than the time specified herein shall not be accepted.
 - i. Time of opening: The received quotations will be **opened publicly on 31 March 2024 at 12:30 pm**.
 - ii. Place of opening: UTC Building, Level-16, Multipurpose conference room.
9. The Procuring Entity may extend the deadline for submission of Quotations on justifiably acceptable grounds duly recorded subject to threshold of ten (10) days pursuant to Rule 71 (4) of the Public Procurement Rules, 2008.
10. All Quotations must be valid for a period of at least **120 days** from the closing date of the Quotation.
11. Quotationer's rates or prices shall be inclusive of profit and overhead and all kinds of taxes, duties, fees, levies, and other charges to be paid under the Applicable Law, if the Contract is awarded.



12. Rates shall be quoted and, subsequent payments under this Contract shall be made in Taka currency. The price offered by the Quotationer, if accepted shall remain fixed for the duration of the Contract.
13. Quotationer shall have legal capacity to enter Contract. Quotationer, in support of its qualification shall be required to submit photocopies of latest valid documents related to:
- VAT Registration Certificate**
 - Trade License (Updated)**
 - Tax Identification Number (TIN)**
 - Bank Solvency Certificate (*issued within last 03 months counting backward from 21 March 2024*)**
 - Specific experience of supply of similar goods worth BDT. 30 (Thirty) Lac in not more than 02 (Two) contracts**

without which the Quotation may be considered non-responsive.

14. Quotation shall consist of **Quotation Submission Letter (Form-1), Price Schedule for Goods and Related Services (Form-2) & Technical Specification Compliance Sheet (Form-3)** along with **qualification documents** as required in bullet point 13. Quotationers shall submit **Catalogue/Brochure** of the offered item(s).
15. Quotations shall be evaluated based on information and documents submitted with the Quotations, by the Evaluation Committee and, at least three (3) responsive Quotations will be required to determine the lowest evaluated responsive Quotations for award of the Contract.
16. In case of anomalies between unit rates or prices and the total amount quoted, the unit rates or prices shall prevail. In case of discrepancy between words and figures the former will govern. Quotationer shall remain bound to accept the arithmetic corrections made by the Evaluation Committee.
17. The supply of Goods and related services shall be completed within sixty **(60)** days from the date of issuing the Purchase Order.
18. The Purchase Order that constitutes the Contract binding upon the Supplier and the Procuring Entity shall be issued within **07 (Seven)** days of receipt of approval from the Approving Authority and upon submission of the **Performance Security** by the Quotationer.
19. The Procuring Entity reserves the right to reject all the Quotations or annul the procurement proceedings.



Sudipto Khatib
Manager, Procurement
UTC Building (Level – 16), 8 Panthapath,
Kawranbazar, Dhaka – 1215,
Phone No: +880-2-222248786-91 (Ext-6400),
E-mail: khatib@idcol.org

Quotation Submission Letter (Form-1)
[Use Letter-head Pad]

RFQ No:

Date: dd/mm/yy

To:

Sudipto Khatib
Manager, Procurement
UTC Building (Level – 16), 8 Panthapath,
Kawranbazar, Dhaka – 1215
Phone No: +880-2-222248786-91 (Ext-6400),
E-mail: khatib@idcol.org

I/We, the undersigned, offer to supply in conformity with the Terms and Conditions for delivery of the Goods and related services named “.....”

The total Price of my/our Quotation is BDT **[insert amount both in figure and words]**.

My/Our Quotation shall remain valid for the period stated in the RFQ Document and it shall remain binding upon us and, may be accepted at any time prior to the expiration of its validity period.

I/We declare that I/we have the legal capacity to enter into a contract with you and have not been declared ineligible by the Government of Bangladesh on charges of engaging in corrupt, fraudulent, collusive or coercive practices. Furthermore, I/we am/are aware of Para 21(b) of the Terms and Conditions and pledge not to indulge in such practices in competing for or completion of delivery of Goods.

I/We am/are not submitting more than one Quotation in this RFQ process in my/our own name or other name or in different names. I/We understand that the Purchase Order issued by you shall constitute the Contract and will be binding upon me/us.

I/We have examined and have no reservations to the RFQ Document issued by you on

I/We understand that you reserve the right to reject all the Quotations or annul the procurement proceedings without incurring any liability to me/us.

Signature of Quotationer with
Seal
Date:



Price Schedule for Goods and Related Services (Form-2)

RFQ No:

Date: dd/mm/yy

Sl. no	Item Description	No. of Unit	Unit Rate or Price		Total Amount	Destination for Delivery of Goods
			In figure	In words	In figure In words	
1	2	3	4	5	6	7
1	Thermal Imaging Camera	03				IDCOL HO, UTC Building (Level 16), 8 Panthapath, Kawranbazar, Dhaka
Total Amount for Supply of Goods and related services (inclusive of VAT @ 7.5% and all applicable taxes; see Note 2 below)				In figure		
				In words		
Goods to be supplied to		UTC Building (Level 16), 8 Panthapath, Kawran Bazar, Dhaka-1215				
Total Amount in Taka (in words)		[enter the Total Amount as in Col.7 above for the delivery of Goods and related services].				
Delivery Offered		[insert weeks/days] from date of issuing the Purchase Order]				
Warranty Provided		[insert weeks/months from date of completion of the delivery; state none if not applicable]				

[insert number] number corrections made by me/us have been duly initialed in this Price Schedule. My/Our Offer is valid until dd/mm/yy.

Signature of Quotationer with Seal Name of Quotationer		Date: dd/mm/yy

Note:

- Col. 1, 2, 3, 4 and 8 to be filled in by the Procuring Entity and Col. 5, 6 & 7 by the Quotationer.
- Rates or Prices shall include profit and overhead and, all kinds of taxes, duties, fees, levies, and other charges earlier paid or to be paid under the Applicable Law, if the Contract is awarded; including transportation, insurance etc. whatsoever up to the point of delivery of Goods and related services in all respects to the satisfaction of the Procuring Entity.



Technical Specification Compliance Sheet (Form-3)

Item 1: Thermal Imaging Camera			
Sl. No.	Criteria	Requirements	Quotationer's Response
1	Brand	To be mentioned by the Quotationer	
2	Model	To be mentioned by the Quotationer (Fluke Ti401 Pro or equivalent)	
3	Country of origin	To be mentioned by the Quotationer	
4	Infrared resolution	640 x 480 (307,200 pixels)	
5	IFOV with standard lens (spatial resolution)	0.93 mRad, D:S 1065:1	
6	Field of view	34 °H x 24 °V	
7	Minimum focus distance	15 cm (approx. 6 in)	
8	LaserSharp Auto Focus	Yes, for consistently in-focus images. Every. Single. Time	
9	Laser distance meter	Yes, calculates distance to the target for precisely focused images and displays distance on screen	
10	Advanced manual focus	Yes	
11	Wireless connectivity	Yes, to PC, iPhone® and iPad® (iOS 4s and later), Android™ 4.3 and up, and WiFi to LAN (where available)	
12	IR-Fusion technology	Yes, adds the context of the visible details to your infrared image	
13	Ruggedized touchscreen display	3.5 inch (landscape), 640 x 480 LCD	
14	Ergonomic design	Pistol-grip design for one-handed use	
15	Thermal sensitivity (NETD)	<= 0.075 °C at 30 °C target temp (75 mK)	
16	Level and span	Smooth auto and manual scaling	
17	Touchscreen adjustable level/span	Yes. Span and level can be easily and quickly set by simply touching the screen	
18	Fast auto toggle between manual and auto modes	Yes	
19	Fast auto-rescale in manual mode	Yes	
20	Minimum span (in manual mode)	2.0 °C (3.6°F)	
21	Minimum span (in auto mode)	3.0 °C (5.4°F)	
22	Built-in digital camera (visible light)	5MP	
23	Frame rate	60 Hz or 9 Hz versions	
24	Laser pointer	Yes	
25	LED light (torch)	Yes	
26	Extensive memory options	Removable 4 GB micro SD memory card, 4 GB internal flash memory, save to USB flash drive capability, upload for permanent storage	
27	Image capture, review, save mechanism	One-handed image capture, review, and save capability	
28	Image file formats	bmp, jpeg, is2	
29	Memory review	Thumbnail and full screen review	
30	Analyze and store	Yes	



	radiometric data on a PC		
31	Export file formats with Fluke Connect software	Bitmap (.bmp), GIF, JPEG, PNG, TIFF	
32	Voice annotation	60 seconds maximum recording time per image; reviewable playback on camera, optional Bluetooth headset available but not required	
33	IR-PhotoNotes	Yes - 2 images	
34	Text annotations	Yes. Including standard shortcuts as well as user programmable options	
35	Batteries (field-replaceable, rechargeable)	Two lithium ion smart battery packs with five-segment LED display to show charge level	
36	Battery life	2-3 hours per battery (actual life varies depending on settings and usage)	
37	Battery charging time	2.5 hours to full charge	
38	Battery charging system	Two-bay battery charger or in-imager charging. Optional 12 V automotive charging adapter	
39	AC operation	AC operation with included power supply (100 V AC to 240 V AC, 50/60 Hz)	
40	Power saving	User selectable sleep and power off modes	
41	Temperature measurement range (not calibrated below -10 °C)	-20 °C to +650 °C (-4 °F to +1,202 °F)	
42	Accuracy	± 2 °C or 2 % (at 25 °C nominal, whichever is greater)	
43	On-screen emissivity correction	Yes (both value and table)	
44	On-screen reflected background temperature compensation	Yes	
45	On-screen transmission correction	Yes	
46	Standard palettes	9: Rainbow, Ironbow, Blue-Red, High Contrast, Amber, Amber Inverted, Hot Metal, Grayscale, Grayscale Inverted	
47	Ultra Contrast palettes	9: Rainbow, Ironbow, Blue-Red, High Contrast, Amber, Amber Inverted, Hot Metal, Grayscale, Grayscale Inverted	
48	Macro—25 micron lens: 25 MAC2	Yes	
49	2 x telephoto lens: TELE 2	Yes	
50	4 x telephoto lens: TELE4	Yes	
51	Wide angle lens: WIDE 2	Yes	
52	Color alarms (temperature alarms)	High temperature, low temperature, and isotherms (within range)	
53	Infrared spectral band	7.5 µm to 14 µm (long wave)	
54	Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)	
55	Storage Temperature	-20 °C to +50 °C (-4 °F to 122 °F) without batteries	



56	Relative humidity	10 % to 95 % non-condensing	
57	Center-point temperature measurement	Yes	
58	Spot temperature	Hot and cold spot markers	
59	User defined measurement boxes	1 expandable-contractible measurement box with MIN-MAX-AVG temp display	
60	Hard Case	Rugged, hard carrying case; soft transport bag	
61	Safety	IEC 61010-1: Overvoltage category II, Pollution Degree 2	
62	Electromagnetic compatibility	IEC 61326-1: Basic EM environment. CISPR 11: Group 1, Class A	
63	Vibration	0.03 g2/Hz (3.8 g), 2.5 g IEC 60068-2-6	
64	Shock	25 g, IEC 68-2-29	
65	Drop	Engineered to withstand 2 meter (6.5 feet) drop with standard lens	
66	Size (H x W x L)	27.7 cm x 12.2 cm x 16.7 cm (10.9 in x 4.8 in x 6.5 in)	
67	Weight (battery included)	1.04 kg (2.3 lb)	
68	Warranty	02 years	

I/We declare to supply Goods and related services offered by me/us fully in compliance with the Technical Specifications and Standards mentioned hereinabove. **Catalogue/Brochure** of the offered item(s) are also attached.

Signature of Quotationer with Seal	Date: dd/mm/yy
Name of Quotationer	



PURCHASE ORDER FOR SUPPLY OF THERMAL IMAGING CAMERA (03 units)

Date: dd/mm/yy

RFQ No:	
To: [name and address of the Supplier]	
Delivery Date: [insert completion date]	Order Value: TK. [insert Contract Price]
Delivery: As per Terms and Conditions	

ORDER ITEMS	
Attached Certified photocopy of approved Priced Schedule for Goods and related services	
Attached Certified photocopy of approved Technical Specification of the Goods Required	
Attached Certified photocopy of Terms and Conditions	
For the Purchaser:	
Signature of the Procuring Entity with name and Designation	
Date	



**Terms and Conditions
for
Supply of Goods and Payment**

1. Terms and Conditions contained herein shall be binding upon both the Procuring Entity and the Supplier for the purpose of administration and management of this Contract.
2. Implementation and interpretation of these Terms and Conditions shall, in general, be under the purview of the Public Procurement Act, 2006 and the Public Procurement Rules, 2008.
3. The Supplier shall have to complete the delivery in all respects within **60 (sixty)** days of issuing the Purchase Order in conformity with the Terms and Conditions.
4. The Supplier shall be entitled to an extension of the Delivery Schedule if the Procuring Entity delays in receiving the Goods and related services or if Force Majeure situation occurs or for any other reasons acceptable to the Procuring Entity on justifiable grounds duly recorded.
5. All delivery under the Contract shall at all times be open to examination, inspection, measurements, testing, commissioning, and supervision of the Procuring Entity or his/her authorized representative.
6. The Procuring Entity shall check and verify the delivery made by the Supplier in conformity with the Technical Specifications and notify the Supplier of any Defects found.
7. If the Goods are found to be defective or otherwise not in accordance with the specifications, the Procuring Entity may reject the supplies by giving due notice to the Supplier, with reasons.
8. The Supplier shall be entirely responsible for payment of all taxes, duties, fees, and such other levies under the Applicable Law.
9. Notwithstanding any other practice, the payment shall be based on the actual delivery of goods on the basis of the quantity of each item of Goods in accordance with the Priced Schedule and Specifications. **100% of the Contract price of the Goods and related services shall be paid after submission and acceptance of the Delivery Chalan.**
10. **The Supplier's rates or prices shall be inclusive of profit and overhead and, all kinds of taxes, duties, fees, levies, and other charges to be paid under the Applicable Law.**
11. The total Contract Price is BDT [insert figure] [in words].
12. The Supplier shall remain liable to fulfil the obligations pursuant to Rule 40 (5) of the Public Procurement Rules, 2008.
13. The Supplier shall keep the Procurement Entity harmless and indemnify from any claim, loss of property or life to himself/herself, his/her workmen or staff, any staff of the Procurement Entity or any third party while delivering the Goods and related services .
14. Any claim arising out of delivery of Goods and related services shall be settled by the Supplier at his/her own cost and responsibility.
15. Damage to the Goods during the Warranty Period shall be remedied by the Supplier at the Supplier's own cost if the damage arises from the supply and installation by the Supplier.



16. No modification to Scope of Supply and no Variations to the quantities ordered shall be permissible under any circumstances.
17. **The Procuring Entity contracting shall amend the Contract incorporating required approved changes subsequently introduced to the original Terms and Conditions in line with Rules, where necessary.**
18. The Procuring Entity may, by written Notice sent to the Supplier, terminate the Contract in whole or in part at any time, if the Supplier:
 - a. fails to deliver Goods and related services as per Delivery Schedule and Specifications.
 - b. in the judgement of the Procuring Entity, has engaged in any corrupt, fraudulent, collusive or coercive practices in competing for or in delivery of goods and related services.
 - c. fails to perform any other obligation(s) under the Contract.
19. The Procuring Entity and the Supplier shall use their best efforts to settle amicably all possible disputes arising out of or in connection with this Contract or its interpretation.
20. The Supplier shall be subject to, and aware of provision on corruption, fraudulence, collusion and coercion in Section 64 of the Public Procurement Act, 2006 and Rule 127 of the Public Procurement Rules, 2008.

For the Purchaser: Signature of the Procuring Entity with name and Designation	For the Supplier: Signature of the Supplier with name Designation
Date	Date

