



QUEZON I ELECTRIC COOPERATIVE, INC.
Brgy. Pocol, Pitogo, Quezon
Telefax: 042-318-8156

ISC-2023-015

INVITATION FOR SEALED CANVASS

April 26, 2023

Sealed Bids/Proposals/Quotations for the Supply and Delivery of the following item for QUEZELCO 1 shall be received by the Bids and Awards Committee until 5:00PM of May 01, 2023. The bids/proposals/quotations will be open on May 02, 2023 at 9:00AM.

Quantity	Unit	Item Description	Unit Cost (Php)	Total Amount (Php)
3	Each	T1401 Pro 9Hz Thermal Imager		
1	Each	Infrared Telephoto Lens (FLK-Lens/Tele2)		
3	Each	Sun Visor For TI200-TI300-TI400 (FLK-TI-Visor3)		
3	Each	TI Car Charger for TIR/TIR1/TI10/TI20/TI25		
GRAND TOTAL				

Instruction to Bidder and Terms & Condition:

The following shall be included in the offer:

1. Warranty statement. The bidder obligates, guarantees and warrants that the items to be delivered is within the standards and specification set by the cooperative. Warranty shall be at least 2 years. Longer warranty period will be considered in the evaluation.
2. Brochure or any document showing the technical specifications of the materials offered.
3. Authorization from the manufacturer to Supply the goods valid for the current year.
4. The materials offered shall comply with the required specification (See attached)
5. Delivery period shall be within thirty (30) to sixty (60) calendar days after receipt of Notice to Proceed.
6. The financial offer shall be listed on the space provided above.
7. The financial offer shall not exceed the total Approved Budget Cost of **Php 1,986,099.53**
8. The ABC is VAT inclusive and the bid price should be VAT inclusive.
9. Term of payment – 90 calendar days upon complete delivery.
10. Term of Delivery – FOB Pitogo.
11. Performance Bond of 5% of the contracted price shall be posted within 5 days upon receipt of notice of award.
12. Price validity - 60 calendar days
13. Penalty Clause – 1/10 of 1% (0.1%)of the cost of the unperformed portion of the contract for every day of delay.

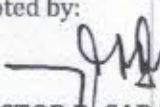
Additional Instructions:

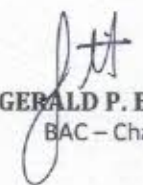
1. Please send your quotations thru email using the designated BAC email address **quezelco1_bac@yahoo.com.ph** and shall be addressed to "The Bids and Awards Committee".
2. The subject shall bear the word "**Bids for the Supply and Delivery of Thermal Imager and Accessories for Monitoring and Inspection of Substations and Equipment**"
3. The quotation shall be password protected. Password shall be sent on the day of opening (8:00 am).

QUEZELCO 1 reserves the right to reject any or shall bids without offering any reason, waive any defect therein and accept the offer most advantageous to the cooperative.

For further inquiries you may contact our QUEZELCO 1 BAC Secretariat, Ms. Maria Teresa Caraig and Ms. LovelyJean Baldoz at QUEZELCO 1 Brgy. Pocol, Pitogo, Quezon with mobile number 09688520659.

Noted by:


VICTOR R. CADA
Acting General Manager


GERALD P. BAUTISTA
BAC – Chairman

QUEZON 1 ELECTRIC COOPERATIVE INC.

Brgy. Pocol, Pitogo, Quezon

PURCHASE OF TI401 PRO THERMAL CAMERA

I. Material Requirements and Specifications:

Infrared resolution	640 x 480 (307,200 pixels)
SuperResolution	No
IFOV with standard lens (spatial resolution)	0.93 mRad, D:S 1065:1
Field of view	34 °H x 24 °V
Minimum focus distance	15 cm (approx. 6 in)
MultiSharp Focus	No
LaserSharp Auto Focus	Yes, for consistently in-focus images. Every.Single.Time
Laser distance meter	Yes, calculates distance to the target for precisely focused images and displays distance on screen
Advanced manual focus	Yes
Wireless connectivity	Yes, to PC, iPhone® and iPad® (iOS 4s and later), Android™ 4.3 and up, and WiFi to LAN (where available)
Connect app compatible	Yes*, connect your camera to your smartphone, and images taken automatically upload to the Fluke Connect app for saving and sharing
Connect Assets	Through the desktop, assign images to assets, easily compare measurement types in one location and create reports.
Connect instant cloud upload	Yes*, connect your camera to your building's WiFi network, and images taken automatically upload to the Fluke Connect system for viewing on your smartphone or PC.
Connect instant server upload	Yes**
IR-Fusion technology	Yes, adds the context of the visible details to your infrared image
Ruggedized touchscreen display	3.5 inch (landscape), 640 x 480 LCD
Ergonomic design	Pistol-grip design for one-handed use
Thermal sensitivity (NETD)**	≤0.075 °C at 30 °C target temp (75 mK)
Level and span	Smooth auto and manual scaling
Touchscreen adjustable level/span	Yes. Span and level can be easily and quickly set by simply touching the screen
Fast auto toggle between manual and auto modes	Yes
Fast auto-rescale in manual mode	Yes

Minimum span (in manual mode)	2.0 °C (3.6 °F)
Minimum span (in auto mode)	3.0 °C (5.4 °F)
Built-in digital camera (visible light)	5MP
Frame rate	60 Hz or 9 Hz versions
Laser pointer	Yes
LED light (torch)	Yes
Digital zoom	No
Data storage and image capture	
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
Image capture, review, save mechanism	One-handed image capture, review, and save capability
Image file formats	bmp, jpeg, is2
Memory review	Thumbnail and full screen review
Software	Full analysis and reporting software with access to the Fluke Connect system
Analyze and store radiometric data on a PC	Yes
Export file formats with Fluke Connect software	Bitmap (.bmp), GIF, JPEG, PNG, TIFF
Voice annotation	60 seconds maximum recording time per image; reviewable playback on camera, optional Bluetooth headset available but not required
IR-PhotoNotes	Yes - 2 images
Text annotation	Yes. Including standard shortcuts as well as user programmable options
Video recording and formats	No
Remote control operations	Remote display through Fluke Connect
Auto capture (temperature and interval)	No
Battery	
Batteries (field-replaceable, rechargeable)	Two lithium ion smart battery packs with five-segment LED display to show charge level
Battery life	2-3 hours per battery (actual life varies depending on settings and usage)
Battery charging time	2.5 hours to full charge
Battery charging system	Two-bay battery charger or in-imager charging. Optional 12 V automotive charging adapter
AC operation	AC operation with included power supply (100 V AC to 240 V AC, 50/60 Hz)

Power saving	User selectable sleep and power off modes
Temperature measurement	
Temperature measurement range (not calibrated below -10 °C)	-20 °C to +650 °C (-4 °F to +1,202 °F)
Accuracy	±2 °C or 2 % (at 25 °C nominal, whichever is greater)
On-screen emissivity correction	Yes (both value and table)
On-screen reflected background temperature compensation	Yes
On-screen transmission correction	Yes
Line temperature graph	No
Color palettes	
Standard palettes	9: Rainbow, Ironbow, Blue-Red, High Contrast, Amber, Amber Inverted, Hot Metal, Grayscale, Grayscale Inverted
Ultra Contrast palettes	9: Rainbow, Ironbow, Blue-Red, High Contrast, Amber, Amber Inverted, Hot Metal, Grayscale, Grayscale Inverted
Smart lenses	
Macro-25 micron lens: 25 MAC2	Yes
2 x telephoto lens: TELE 2	Yes
4 x telephoto lens: TELE4	Yes
Wide angle lens: WIDE 2	Yes
General specifications	
Color alarms (temperature alarms)	High temperature, low temperature, and isotherms (within range)
Infrared spectral band	7.5 um to 14 um (long wave)
Operating temperature	-10 °C to +50 °C (+14 °F to +122 °F)
Storage temperature	-20 °C to + 50 °C (-4 °F to +122 °F)
Relative humidity	10 % to 95 % non-condensing
Center-point temperature measurement	Yes
Spot temperature	Hot and cold spot markers
User-definable spot markers	No
User defined measurement boxes	1 expandable-contractible measurement box with MIN-MAX-AVG temp display
Hard Case	Rugged, hard carrying case; soft transport bag

Safety	IEC 61010-1: Overvoltage category II, Pollution Degree 2
Electromagnetic compatibility	IEC 61326-1: Basic EM environment. CISPR 11: Group 1, Class A
Australian RCM	IEC 61326-1
US FCC	CFR 47, Part 15 Subpart B
Vibration	0.03 g ² /Hz (3.8 g), 2.5 g IEC 60068-2-6
Shock	25 g, IEC 68-2-29
Drop	Engineered to withstand 2 meter (6.5 feet) drop with standard lens
Size (H x W x L)	27.7 x 12.2 x 16.7 cm (10.9 x 4.8 x 6.5 in)
Weight (battery included)	1.04 kg (2.3 lb)
Enclosure rating	IEC 60529: IP54 (protected against dust, limited ingress; protection against water spray from all directions)
Warranty	Two-years (standard), extended warranties are available
Recommended calibration cycle	Two-years (assumes normal operation and normal aging)
Supported languages	Czech, Dutch, English, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, and Turkish
RoHS compliant	Yes
Note: Please include Free User's Guide Training	

Terms of Payment: 90 days upon complete delivery - *And Bautista*

Delivery Schedule: 30 days - 60 days

Price Validity: 30 days upon receipt of bid offer

Warranty: 2 years

Prepared by:

J. Rivadulla
ENGR. JOSEPH KEVIN M. RIVADULLA
TSS Head

Checked by:

Rodriguez
ENGR. RODRIGAN B. PONCE
OMD Manager

Validated by:

G. Bautista
ENGR. GERALD P. BAUTISTA
BAC - Chairman

Approved by:

V. Cada
VICTOR R. CADA
Acting General Manager

QUEZON I ELECTRIC COOPERATIVE, INC.

Brgy. Pocol, Pitogo, Quezon

Accreditation Requirements

Name of Company/Supplier/Representative: _____

Address: _____

Contact Number : _____

EMAIL ADD: _____

DOCUMENTS	
1	DTI Registration name registration or SEC Registration Certificate
2	Valid and current Mayor's Permit/Municipal License
3	Taxpayer's Identification Number,
4	BIR Value Added Tax Registration
5	Certification that the bidder is not "blacklisted" or banned from bidding by the government or any of its agencies, officers, corporation or LGU's and other private corporations or electric cooperatives
6	Compliance with EO # 398
	a.) Proof of VAT Payments for the past six months
	b.) Tax Clearance for the last two quarters
7	On-going, completed or awarded contract not yet started within the relevant period specifying the following:
	a. Name of contract
	b. Date of contract
	c. Amount of the contract and value of outstanding contracts
	d. Date of delivery
	e. End user's acceptance if completed
8	Company Profile
9	Latest Income Tax Return
10	Complete set of Audited Financial Statements, stamped "received" by the BIR or its duly accredited and authorized institutions, for the immediately preceding calendar year, showing, among others, the prospective bidder's total and current assets and liabilities
11	Articles of Incorporation, Partnership or Cooperation, whichever is applicable
12	A certification under oath from the bidders responsible officers that the bidders is free and clear of all liabilities with the government
13	Valid Registration with Philippine Contractor Accreditation Board (PCAB) with specialization in electrical works and with at least small B size range Classification (C and D category)- for contractor only

Email Address:

quezelco1_bac@yahoo.com.ph