



Indian Council of Forestry Research and Education

(An Autonomous body of the Ministry of Environment, Forest and Climate Change, Government of India)

P.O. New Forest, Dehradun – 248 006 (Uttarakhand), INDIA

No. 46/2018/ESIP/BCC/ICFRE/

Dated: 25/02/2021

Request for Quotations for purchase of PTZ Camera and Conference Phone for video conferencing

Name of Project: Ecosystem Services Improvement Project

Procurement Reference No.: IN-ICFRE-216697-GO-RFQ

1. The Government of India has received grant from the World Bank toward the cost of the Ecosystem Services Improvement Project (ESIP). Indian Council of Forestry Research and Education (ICFRE) is one of the Project Implementing Agencies and implementing one of the components of ESIP *i.e.* Scaling up Sustainable Land and Ecosystem Management in Selected Landscapes, and intends to apply the part of proceeds of this grant to eligible payments under the contract for which this Request for Quotations is issued. The procurement process will be conducted in accordance with the shopping procurement method contained in the World Bank Guidelines: Procurement of Goods, Works and Non-consulting Services under IBRD Loans and IDA Credits and Grants by World Bank Borrowers, dated January 2011, revised in July 2014.
2. ICFRE now invites quotation for the supplying of the PTZ Camera and Conference Phone for video conferencing:

Name of the goods	Specifications	Quantity
PTZ Camera and Conference Phone	<p>PTZ Camera: Image device: CMOS 1/2.7". Video Formats: 1080p30/25/50/60, 720p30/25/50/60 (up to 1080p30 on XT), Video Signal: Compressed (H.264) on USB, Focal Length: f3.5mm ~ 42.3mm, F1.8 ~ F2.8, Min Object Distance (wide): 100 mm, Min Illumination: 0.5 Lux @ (F1.8, AGC ON), HFoV: 72°, VFoV: 43°, Optical Zoom: 12x, Digital Zoom: 16x, Pan Range: +/-170°, Tilt Range: +/- 30°, Serial Control: UVC via USB - Serial In-Out, Ceiling Mount: Supported, Camera Mount: Tripod screw hole (1/4-20 UNC), Weight: 0.91 Kg, Dimensions w/h/d: 128.5mm x 118mm x 156.2mm, Current consumption (max): 1A, Clients supported, 3rd party clients supported: MS@ Teams, MS@ SfB, Skype®, Zoom®, Bluejeans®, Starleaf®, Pexip®, Cisco Webex®, Google Hangouts®, etc., Video Configuration: White balance (auto/manual); Focus Mode (auto/manual); Sharpness; Backlight; Exposure Compensation; Picture (auto/manual) and WDR level, Voltage Range: 12V nominal (10.8 to 13.0 V), IR Repeater as TTL Signal: On pin 7 Serial In, Camera Output: USB 3.0, Microphone: Included, Presets: 10 when controlled from camera remote or UVC commands, 122 when controlled from XT, Far End Camera Control: Through XT codec (H.224, H.281) or third party App, Warranty: 2 years onsite</p> <p>Conference Phone: Interface: Display: 4.3", 480x800, capacitive touch screen, Buttons: two volume touch buttons, three mute touch buttons, Status indication: Dual color LED (green/red) for off hook, mute, hold status, Mobile App, Menu languages: Conference phone User Interface in English, Input : a-z, A-Z, 0-9, Web UI: English, Conference Assistant App: English, Call features: Conference/ split/ hold/ private, call waiting, local five-way conferencing, calling line ID, Directory: Call history. Power Requirements: PoE: IEEE 802.3af/at (Class 4), Adapter: Optional PoE Injector accessory available. Connectivity: Ethernet: 1 x Ethernet 10/100/1000Mbps, PoE IEEE 802.3af/at with 802.3 at recommended. (optional power adapter available), USB: 1 x USB 3.0 host Type-A, 1 x USB 3.0 device Micro-B, Bluetooth®: Bluetooth LE, Bluetooth Classic and NFC supported, Expansion: 2 x audio expansion ports (RJ11).</p>	01

	<p>Network: Protocol: SIP 2.0 (RFC 3261 and associated RFCs), Signaling: UDP, TCP, TLS and SIPS, Media protocol: RTP, SRTP, Network addressing: DHCP and static IP NAT, NAT traversal: STUN, ICE and TURN, Security: 802.1 x authentication with EAP-TLS, Quality of Service: DiffServ, VLAN (IEEE 802.1p/Q), DTMF tone generation: RFC 4733/283, SIP INFO, In-band, Time Server: NTP, SNTP (RFC 4330), Additional Features: PCAP-log, unique host name, LLDP.</p> <p>Configuration and Provisioning: Configuration: Via integrated web server, HTTP or HTTPS, Device management: to be updated, Device enrolment service: future update, Admin Login: Separate user and administrator login for secure configuration.</p> <p>Audio: Speaker: Frequency 80-14000 Hz, volume 95 dB SPL 0.5m, Microphone: 3 digital MEMS microphones, pick-up range 6m/20ft, Technology: OmniSound®, full-duplex speech, beamforming microphones, noise cancellation, echo cancellation, comfort noise generation, Codecs: G.711, G.722, G.729, Opus, iLBC, Expansion Options: Wired smart expansion microphones: Local acoustic echo and noise cancellation, three digital MEMS microphones, pick-up range 6m/20 ft, cable length 3m / 10 ft.</p> <p>General: Warranty: 2 years onsite, Dimensions: 326x370x75mm (WxLxH), 12.8"x14.6"x3" (WxLxH), Weight: 1.4 kg, 3.1 lbs, Color: Black, Anti-theft protection: Kensington® security slot or equivalent.</p>	
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3. You are invited to submit your price quotation for the supply of above mentioned PTZ Camera and Conference Phone for video conferencing for Project Implementing Unit, Ecosystem Services Improvement Project as per specifications mentioned in Para 2 as per the format given in Annexure - I.
4. Quoted price will be evaluated for each item and contract will be awarded to the responsive bidder offering the lowest evaluated rate.
5. Quotation(s) must be marked "Quotation for Supply of PTZ Camera and Conference Phone for Video conferencing" and addressed to the:
 - Project Director
 - Ecosystem Services Improvement Project
 - Room No: 143
 - Indian Council for Forestry Research and Education
 - P. O. New Forest, Dehradun, Uttarakhand-248006 (INDIA)
6. Quotation should be accompanied by adequate technical documentation and catalogue(s) and other printed material or pertinent information for each item quoted, including names and addresses of supplier providing after sales service facilities.
7. The deadline for receipt of quotation at the address indicated above is 10 March 2021 by 13:00 hrs.
8. Quotation should be submitted as per the instruction contained in the Annexure-II of this document.
9. The prices should be quoted in Indian Rupees and should be inclusive of all taxes (GST). No price increase will be allowed after the submission of Quotations.
10. Validity of the Offer: Quotation shall be valid for a period of 90 days from the date for receipt of quotation(s) indicated in Paragraph 7 above.
11. Evaluation of Quotations: The procurement committee ESIP-PIU will evaluate and compare the quotations determined to be substantially responsive i.e. which are properly signed; and conform to the terms and conditions, and specifications of the RFQ.
12. The Quotations would be evaluated combined for all items.
13. Award of contract: The contract will be awarded (above item) to the Firm whose quotation has been determined to be substantially responsive and who has offered the lowest price.
14. Notwithstanding the above, the purchaser/ICFRE reserves the right to accept or reject any quotations and to cancel the procurement process and reject all quotations at any time prior to the award of contract.
15. The Firm(s) whose quotation is accepted will be notified for 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.
16. Payment shall be made after successful delivery and installation of the goods/ works / services.

Yours faithfully,

Project Director
ESIP, ICFRE

Format of Quotation*(on Firm Letter Head)*

Date:

To

Project Director,
Ecosystem Services Improvement Project
Room No: 143
Indian Council for Forestry Research and Education
P. O. New Forest, Dehradun, Uttarakhand-248006 (INDIA)

Sub.: Quotation for supply of PTZ Camera and Conference Phone for video conferencing for ESIP Project Implementation Unit

Madam/ Sir,

We offer to execute the supply of PTZ Camera and Conference Phone for video conferencing for ESIP Project Implementation Unit in accordance with the conditions of contract, as per following quoted price:

S. No.	Name of the goods	Specifications	Qty.	Price Quoted (INR)		
				Unit Price	GST	Total
1	PTZ Camera and Conference Phone	<p>PTZ Camera: Image device: CMOS 1/2.7". Video Formats: 1080p30/25/50/60, 720p30/25/50/60 (up to 1080p30 on XT), Video Signal: Compressed (H.264) on USB, Focal Length: f3.5mm ~ 42.3mm, F1.8 ~ F2.8, Min Object Distance (wide): 100 mm, Min Illumination: 0.5 Lux @ (F1.8, AGC ON), HFoV: 72°, VFoV: 43°, Optical Zoom: 12x, Digital Zoom: 16x, Pan Range: +/-170°, Tilt Range: +/- 30°, Serial Control: UVC via USB - Serial In-Out, Ceiling Mount: Supported, Camera Mount: Tripod screw hole (1/4-20 UNC), Weight: 0.91 Kg, Dimensions w/h/d: 128.5mm x 118mm x 156.2mm, Current consumption (max): 1A, Clients supported, 3rd party clients supported: MS® Teams, MS® SfB, Skype®, Zoom®, Bluejeans®, Starleaf®, Pexip®, Cisco Webex®, Google Hangouts®, etc., Video Configuration: White balance (auto/manual); Focus Mode (auto/manual); Sharpness; Backlight; Exposure Compensation; Picture (auto/manual) and WDR level, Voltage Range: 12V nominal (10.8 to 13.0 V), IR Repeater as TTL Signal: On pin 7 Serial In, Camera Output: USB 3.0, Microphone: Included, Presets: 10 when controlled from camera remote or UVC commands, 122 when controlled from XT, Far End Camera Control: Through XT codec (H.224, H.281) or third party App, Warranty: 2 years onsite</p> <p>Conference Phone: Interface: Display: 4.3", 480x800, capacitive touch screen, Buttons: two volume touch buttons, three mute touch buttons, Status indication: Dual color LED (green/red) for off hook, mute, hold status, Mobile App, Menu languages: Conference phone User Interface in English, Input : a-z, A-Z, 0-9, Web UI: English, Conference Assistant App: English, Call features: Conference/ split/ hold/ private, call waiting, local five-way conferencing, calling line ID, Directory: Call history. Power Requirements: PoE: IEEE 802.3af/at (Class 4), Adapter: Optional PoE Injector accessory available. Connectivity: Ethernet: 1 x Ethernet 10/100/1000Mbps, PoE IEEE 802.3af/at with 802.3 at recommended. (optional power adapter available), USB: 1 x USB 3.0 host Type-A, 1 x USB 3.0 device Micro-B, Bluetooth®: Bluetooth LE, Bluetooth</p>	01			

		<p>Classic and NFC supported, Expansion: 2 x audio expansion ports (RJ11).</p> <p>Network: Protocol: SIP 2.0 (RFC 3261 and associated RFCs), Signaling: UDP, TCP, TLS and SIPS, Media protocol: RTP, SRTP, Network addressing: DHCP and static IP NAT, NAT traversal: STUN, ICE and TURN, Security: 802.1 x authentication with EAP-TLS, Quality of Service: DiffServ, VLAN (IEEE 802.1p/Q), DTMF tone generation: RFC 4733/283, SIP INFO, In-band, Time Server: NTP, SNTP (RFC 4330), Additional Features: PCAP-log, unique host name, LLDP.</p> <p>Configuration and Provisioning: Configuration: Via integrated web server, HTTP or HTTPS, Device management: to be updated, Device enrolment service: future update, Admin Login: Separate user and administrator login for secure configuration.</p> <p>Audio: Speaker: Frequency 80-14000 Hz, volume 95 dB SPL 0.5m, Microphone: 3 digital MEMS microphones, pick-up range 6m/20ft, Technology: OmniSound®, full-duplex speech, beamforming microphones, noise cancellation, echo cancellation, comfort noise generation, Codecs: G.711, G.722, G.729, Opus, iLBC, Expansion Options: Wired smart expansion microphones: Local acoustic echo and noise cancellation, three digital MEMS microphones, pick-up range 6m/20 ft, cable length 3m / 10 ft.</p> <p>General: Warranty: 2 years onsite, Dimensions: 326x370x75mm (WxLxH), 12.8"x14.6"x3" (WxLxH), Weight: 1.4 kg, 3.1 lbs, Color: Black, Anti-theft protection: Kensington® security slot or equivalent.</p>				
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We agree to supply the above item(s) in accordance with the specifications for a total contract price of Rs. (Rupeesonly) as per the terms and conditions specified in the invitation for request for quotation.

We hereby certify that we have taken steps to ensure that no person acting for us on our behalf will engage in bribery.

Authorized Signature:
Name and Title of Signatory:

Instructions for Preparing Quotations

1. **Scope of Procurement:** Invites price quotations for procurement of the PTZ Camera and Conference Phone for video conferencing as described in the Para 2. The successful Firm(s) will be expected to complete the delivery and installation in all aspects within due time.
2. **Eligibility to Quote:** Firms duly registered with tax authorities may be eligible to participate only if they also:
 - a. Submit proof of registration with the Income Tax Department and Sales Tax Department/GST with the quotation. (Failure to enclose these documents would result in rejection of quotation).
 - b. Submit only one quotation, either individually, or as a partner in a joint venture. All quotations submitted in violation of this rule shall be rejected. Partners in a joint venture shall be jointly and severally liable for the execution of the contract.
3. **Qualification of the Firm:** To qualify for award of the Contract, a firm shall meet the following minimum qualifying criteria:
 - a. As manufacturer/supplier/distributor/authorize representative must have at least three years of experience in manufacturing/supplying/distributing and sale of the PTZ Camera and Conference Phone for video conferencing mentioned in Para 2. Proof of same may be provided and Authorized Dealership Certificate must be provided with the quotation.
4. **Documents Comprising the Quotation:** The proposal submitted by the Firm must comprise of following documents:
 - a. Quotation on the letter head of Firm (As per sample format attached 'Annexure-I')
 - b. Qualification and Experience Information and other relevant documents
 - c. Copies of registration/taxation documents
 - d. Authorization/dealership/Firm Profile
 - e. Unit Price of the PTZ Camera and Conference Phone for video conferencing including FOR
5. **Currency of Quotations:**
 - a) Rate inclusive of GST shall be quoted in Indian Rupees.
 - b) The rates and prices quoted by the Firm shall be fixed for the duration of the Contract and shall not be subject to any adjustment on any account.
6. Quotations should be valid for 90 days.
7. Each firm shall submit only one quotation.
8. The Project Director reserves the right to increase or decrease quantities of the items.
9. Decision of Director General, ICFRE will be final in case of dispute (if any).