

Request for Quotation (RFQ)
Limited market approach

Only online submission through
www.tntenders.gov.in is accepted

(offline such as email or mail or Hard copy
submission not accepted)

For any enquiry email to tnicerscell@gmail.com

**GOVERNMENT OF TAMIL NADU
TAMIL NADU ROAD SECTOR PROJECT - II
ICERS CELL**

**Procurement of Goods
Under
National Shopping**

Request for Quotation (RFQ)

RFQ NO.	:	IN – TNRSP – 147313 – GO – RFQ
NAME OF NON-CONSULTING SERVICE	:	INVITATION FOR QUOTATIONS FOR SUPPLY OF BODY WORN CAMERA FOR POLICE DEPARTMENT IN KANCHEEPURAM & TIRUVANNAMALAI DISTRICTS.
PERIOD OF SALE OF RFQ	:	FROM 08.02.2020 TO 24.02.2020
LAST DATE AND TIME FOR SUBMISSION OF QUOTATION	:	DATE 24.02.2020 TIME 15.00 HOURS
TIME AND DATE OF OPENING OF QUOTATION	:	DATE 25.02.2020 TIME 15.00 HOURS
PLACE OF OPENING OF QUOTATION	:	Guindy, Chennai -25
OFFICER INVITING QUOTATION	:	Superintending Engineer (H)
ADDRESS FOR COMMUNICATION	:	ICERS cell, O/o the Director General, Highways Department, 76, Sardarpatel Road, 1st Floor, Integrated Chief Engineers Building, HRS Campus, Guindy, Chennai -600025, Tamil Nadu, India

07th February 2020

**INVITATION FOR QUOTATIONS FOR SUPPLY OF
GOODS UNDER SHOPPING PROCEDURES**

To

Dear Sirs,

Sub : INVITATION FOR QUOTATIONS FOR SUPPLY OF BODY WORN CAMERA FOR POLICE DEPARTMENT IN KANCHEEPURAM & TIRUVANNAMALAI DISTRICTS

1. You are invited to submit your most competitive quotation for the following goods:-

Brief Description of the Goods	Specifications	Quantity	Delivery Period	Place of Delivery	Installation /Demo Requirement if any
Body Worn Camera With Warranty and CAMC for 5 Years in Total	Indicated at Annexure I	49 Nos.	30 days from notification of award	SP Office, Kancheepuram (39 Nos.) & SP Office Tiruvannamalai (10 Nos.)	Yes

2. Government of India has received a financing from the World Bank towards the cost of the Tamil Nadu Road Sector Project - II and intends to apply part of the proceeds of this financing to eligible payments under the contract for which this invitation for quotations is issued.

3. To assist you in the preparation of your quotation, we are enclosing the following :

Annexure I : Technical Specification.
Annexure II: Format for Letter of Quotation
Annexure III: Format for Compliance of Technical requirement
Annexure IV: Section V: Format for Quotation
Annexure V: Format for Supply order

4. **Bid Price**

- 4.1 The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- 4.2 All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- 4.3 GST in connection with the sale shall be shown separately.

4.4 The rates quoted by the bidder shall include the cost of inland transportation and other incidentals for delivery of the goods to the final destination.

- i. Unloading, safe storage and handling of consignment at site.
- ii. Site assembly of the supplied goods if any at site, installation, testing and commissioning of the equipment.
- iii. Maintenance and/or repairs of the supplied goods at each location during the warranty period including spares.
- iv. Training to be given to at least 50 persons to operate the Equipment procured at both delivery locations

4.5 The Prices shall be quoted in Indian Rupees only.

5. Each bidder shall submit only one quotation. Bidder shall not contact other Bidders in matters relating to this Quotation

6. Validity of Quotation

Quotation shall remain valid for a period not less than 45 days after the deadline date specified for submission.

7. Evaluation of Quotations

7.1 The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) are properly signed ;
- (b) conform to the terms and conditions, and specifications and
- (c) furnish the factory acceptance test certificate.

7.2 The Quotations would be evaluated for all item together.

7.3 GST in connection with sale of goods shall not be taken into account in evaluation.

8. Award of contract

8.1 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.

8.2 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.

8.3 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 supply order.

9. The Vendor shall get completion certificate on Supply, Installation, commissioning, testing and training from the Police Department
10. Payment shall be made by the ICERS Cell after getting certificate from Police department towards delivery of the goods, successful installation, commissioning, testing and Training in the following terms.

S.No	Description	Payment Percentage (% on total quoted price)
1	Successful delivery of the goods; successful installation; commissioning and testing	90%
2	Successful completion of training	10%

11. Supply, Installation and commissioning shall be completed within 45 days from issuance of supply order.
12. You shall furnish performance security for 10% of contract value validity period upto 5 years by means of Bank Guarantee in favour of Divisional Engineer (H), ICERS Cell, Highways Department, Guindy, Chennai-60025 Payable at Chennai which will be returned after satisfactory completion of CAMC period
13. The Vendor should produce the schedule for Supply, Installation and Commissioning within one week once the supply order is issued.
14. The product should be associated with manufacture Warranty and Comprehensive AMC up to 5 years.
15. The Supplier requires supplying the items exactly as per specification and will be responsible to replace any defective supplies at his risk and cost if any as directed by the concerned department.
16. The successful bidder should arrange for free demo / working trail of equipment (if required) at the delivery place / Manufactures place as the case may be at the supplier cost. The supply will be accepted subject to the satisfactory demonstration of the equipment to the concerned department and to furnish site acceptance test certificate.
17. The bidder/service providers are required to submit all the required documents related quotation latest by 15.00 hours on 24.02.2020
18. The quotation submitted by the Service Provider shall comprise the following: (a) Letter of Quotation, (b) Compliance of Technical requirement and (c) Quotation (d) Factory acceptance certificate
19. Quotation will be opened at 15.00 Hrs on 25.02.2020 in the presence of bidders.
20. We look forward to receiving your quotations and thank you for your interest in this project.

21. Request for Quotation (RFQ) in English are available online www.tnrsdp.gov.in which is free of cost. The bidder/service provider would be responsible for ensuring that any addendum available on the website is also downloaded and incorporated.

Superintending Engineer (H),
ICERS Cell, o/o the Director General,
Highways Department,
76, Sardar Patel Road,
Guindy, Chennai – 600 025,
Tamil Nadu. INDIA.
Email: tnicerscell@gmail.com

Annexure –I

TECHNICAL SPECIFICATION

Sl. NO.	DESCRIPTION	DETAILS
1.	General	The Body Worn Camera System (BWCS) should consist of a single device comprising of a camera, rechargeable battery and recording unit. It should be able to capture clear high definition video & audio as well as take still photographs. It should be able to compress the video/audio files using appropriate nonproprietary algorithm and store it on a local drive.
2.	Dimensions	The BWCS should be lightweight, of a small size and be comfortable to wear on the body. It can be mounted / installed on the shoulder or shirt front or shirt pocket etc. The mounting should be of an ambidextrous design and should keep the equipment stable.
3.	Capture of video, audio and still photographs	The BWCS should be a point of view audio/video recording system capable of capturing audio/video/still photographs of what the officer is seeing.
4.	Date and Time Stamping	The camera shall contain an embedded real-time clock which provides accurate date and time stamps on videos/ photographs.
5.	Recording Resolution	The camera should encode video at resolution upto HD quality (1280 x 720 pixel or better).
6.	Camera Sensor	The camera should capture video & photograph with a minimum of 1 megapixel sensor. It should also have capability of night mode recording.
7.	Field of view of lens	100 degrees or better.
8.	Display	Minimum 2” LCD colour Display
9.	Replay	The device should be able to play the recorded audio/video/images on the screen.
10.	Compression	The camera must support MPEG-4 / H.264 (video) and

Sl. NO.	DESCRIPTION	DETAILS
		MPEG-4/ MP2 (audio) compression algorithm and should offer the compression at upto 30 frames per second.
11.	Storage	The BWCS shall support on-board storage via Solid State Storage or SD Card of 32 GB capacity (included). The on-board storage should be sufficient to record up to 08 hours at maximum resolution.
12.	Battery	The BWCS should be supplied with an internal rechargeable Lithium battery. The battery should be of appropriate capacity to allow for continuous use including recording for up to 6 hours.
13.	Battery recharge time	The battery recharge time from empty to full capacity should be not more than 3 hours.
14.	Data Transfer	Each BWCS should be able to connect and upload data using a USB 2.0 port or better.
15.	Configurations and Video Management	All configurations (including the adjustment of the real time clock) of the BWCS should be possible via a PC-based windows application. The management application should allow the user to backup and transfer data from one or multiple BWCS and also allow query for video/photograph on the basis of device, user, time, filename etc.
16.	Battery charger	Each BWCS should be supplied with a separate charger.
17.	Security features	The user should not be able to delete / edit / overwrite original video file/photograph. The deletion/uploading/ transfer of video/photograph on a PC should be possible only through the management software and should be administrator controlled. However, there should be an option of auto-overwriting on the basis of oldest-file-first-to-be-deleted, once the memory is full and further recording is being done.
18.	Design	The BWCS should be water resistant, dust resistant, impact resistant and should be operable in normal steady rainfall (IP-55 or better).

SI. NO.	DESCRIPTION	DETAILS
		The BWCS should have an LED warning light which should remain 'On' when the camera is recording. It should also give an audible beep when the camera is switched on/ off and when the battery has become low etc.
19.	Operating Temperature	0 to 55 degrees C.
20.	GPS	In Built GPS
21.	Warranty	The BWCS should have a comprehensive onsite warranty (incl. battery) for 2 years.

Annexure –II

FORMAT FOR LETTER OF QUOTATION

Description of the Works: SUPPLY OF BODY WORN CAMERA FOR POLICE DEPARTMENT IN KANCHEEPURAM & TIRUVANNAMALAI DISTRICTS

To:

The Superintending Engineer (H),
ICERS cell, O/o the Director General, Highways Department,
76, Sardarpatel Road, 1st Floor, Integrated Chief Engineers Building,
HRS Campus, Guindy,
Chennai -600025, Tamil Nadu, India

Subject : SUPPLY OF BODY WORN CAMERA FOR POLICE DEPARTMENT IN KANCHEEPURAM & TIRUVANNAMALAI DISTRICTS

Reference : RFQ IN – TNRSP – 147313 – GO – RFQ dated: 07.02.2020 from Superintending Engineer (H), ICERS cell

Sir,

We offer to supply the goods described in referred RFQ above in accordance with the Conditions of Procurement for a total Contract Price of -

Rs.** _____ [in figures]

Rs. _____ [in words].

This quotation and your written acceptance of it shall constitute a binding contract between us.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery or collusive arrangements with the competitors.

We hereby confirm that this quotation is valid for 45 days as required in Clause 6 of the Invitation to RFQ.

We have not been debarred/removed from approved lists/ (dealings suspended) by the Central/State Governments or by the World Bank.

Yours faithfully,

Authorized Signature : _____ Date: _____

Name & Title of Signatory : _____

Name of Bidder : _____

Address : _____

** To be filled in by the Bidder, together with his particulars and date of submission at the bottom of this Form.

Annexure –III

COMPLIANCE STATEMENT

Vendor Name : _____

Address : _____

GST No : _____

PAN No : _____

Sl.No	Description	Compliance (Yes/No)	Remarks
1	General Specification: The Body Worn Camera System (BWCS) should consist of a single device comprising of a camera, rechargeable battery and recording unit. It should be able to capture clear high definition video & audio as well as take still photographs. It should be able to compress the video/audio files using appropriate nonproprietary algorithm and store it on a local drive.		
2	Dimensions The BWCS should be lightweight, of a small size and be comfortable to wear		

Sl.No	Description	Compliance (Yes/No)	Remarks
	<p>on the body. It can be mounted / installed on the shoulder or shirt front or shirt pocket etc. The mounting should be of an ambidextrous design and should keep the equipment stable</p>		
3	<p>Capture of video, audio and still photographs The BWCS should be a point of view audio/video recording system capable of capturing audio/video/still photographs of what the officer is seeing.</p>		
4	<p>Date and Time Stamping The camera shall contain an embedded real-time clock which provides accurate date and time stamps on videos/ photographs.</p>		
5	<p>Recording Resolution The camera should encode video at resolution upto HD quality (1280 x 720 pixel or better).</p>		
6	<p>Camera Sensor The camera should capture video & photograph with a minimum of 1 megapixel</p>		

Sl.No	Description	Compliance (Yes/No)	Remarks
	sensor. It should also have capability of night mode recording.		
7	Field of view of lens 100 degrees or better.		
8	Display Minimum 2" LCD colour Display		
9	Replay The device should be able to play the recorded audio/video/images on the screen.		
10	Compression The camera must support MPEG-4 / H.264 (video) and MPEG-4/ MP2 (audio) compression algorithm and should offer the compression at upto 30 frames per second.		
11	Storage The BWCS shall support on-board storage via Solid State Storage or SD Card of 32 GB capacity (included). The on-board storage should be sufficient to record up to 08 hours at maximum resolution.		

Sl.No	Description	Compliance (Yes/No)	Remarks
12	<p>Battery</p> <p>The BWCS should be supplied with an internal rechargeable Lithium battery. The battery should be of appropriate capacity to allow for continuous use including recording for up to 6 hours.</p>		
13	<p>Battery recharge time</p> <p>The battery recharge time from empty to full capacity should be not more than 3 hours.</p>		
14	<p>Data Transfer</p> <p>Each BWCS should be able to connect and upload data using a USB 2.0 port or better.</p>		
15	<p>Configurations and Video Management</p> <p>All configurations (including the adjustment of the real time clock) of the BWCS should be possible via a PC-based windows application. The management application should allow the user to backup and transfer data from one or multiple BWCS and also allow query</p>		

Sl.No	Description	Compliance (Yes/No)	Remarks
	for video/photograph on the basis of device, user, time, filename etc.		
16	<p>Battery charger</p> <p>Each BWCS should be supplied with a separate charger.</p>		
17	<p>Security features</p> <p>The user should not be able to delete / edit / overwrite original video file/photograph. The deletion/uploading/transfer of video/photograph on a PC should be possible only through the management software and should be administrator controlled. However, there should be an option of auto-overwriting on the basis of oldest-file-first-to-be-deleted, once the memory is full and further recording is being done.</p>		
18	<p>Design</p> <p>The BWCS should be water resistant, dust resistant, impact resistant and should be operable in normal steady rainfall (IP-55 or</p>		

Sl.No	Description	Compliance (Yes/No)	Remarks
	<p>better).</p> <p>The BWCS should have an LED warning light which should remain 'On' when the camera is recording. It should also give an audible beep when the camera is switched on/ off and when the battery has become low etc.</p>		
19	<p>Operating Temperature 0 to 55 degrees C.</p>		
20	<p>GPS In Built GPS</p>		
21	<p>Warranty The BWCS should have a comprehensive onsite warranty (incl. battery) for 2 years.</p>		

Annexure –IV

FORMAT FOR QUOTATION

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						In Figures	In Words
1	Body Worn Camera with 2 years warranty	Indicated at Annexure I	49	Nos.			
2	3 rd Year CAMC						
3	4 th Year CAMC						
4	5 th Year AMC						
	TOTAL						
	Applicable GST						

Gross Total Cost : Rs.

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. (amount in figures) (Rs. amount in words) within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee of One year shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices (as defined in the prevailing World Bank's sanctions procedures) in competing for or in performing the Contract.

Signature of Supplier

Annexure –V

OFFICE OF
.....

SUPPLY ORDER

To:

M/s

.....
.....
.....
.....

Dear Sirs,

Sub: Supply of

Ref Your quotation no..... dated

1. Your quotation no.....of(Date) for the supply of **has been accepted. You are requested to** supply the following goods/equipment at the rates quoted by you and specified against each as per the specifications and terms & conditions specified hereunder:

SL.No	Brief description of goods/ equipment	Specifications	Quantity to be supplied	Unit Rate (Rs.)	Total Price (Rs.)
1					
2					
3					
			Total		

GST will be extra

2. Delivery Period:days from the date of issue of this supply order.
3. Place of delivery: SP Office, Kancheepuram & SP Office Tiruvannamalai
4. Consignee Address:
5. Standard Manufactures commercial Warranty/Guarantee shall be..... months from the date of delivery and acceptance.
6. Other terms and conditions are as under:

- a. The Vendor should produce the schedule for Supply, Installation and Commissioning within one week once the supply order is given.
- b. Supply, Installation and commissioning shall be completed within 45 days from issuance of supply order.
- c. Payment shall be made by the ICERS Cell after getting certificate from Police department towards delivery of the goods, successful installation, commissioning, testing and Training in the following terms.

S.No	Description	Payment Percentage (% on total quoted price)
1	Successful delivery of the goods; successful installation; commissioning and testing	90%
2	Successful completion of training	10%

- d. The Vendor shall get completion certificate on Supply, Installation, commissioning, testing and training from the Police Department and submit the same to ICERS cell, O/o the Director General, Highways Department, HRS Campus, Guindy, Chennai -600025.
- e. ICERS Cell, Highways Department shall make the payment to the successful vendor after getting the necessary clearance from the Police Department.
- f. You shall furnish performance security for 10% of contract value by means of Bank Guarantee in favour of Divisional Engineer (H), ICERS Cell, Highways Department, Guindy, Chennai-60025 Payable at Chennai which will be returned after satisfactory completion of AMC period
- g. Bank Guarantee in the form of irrevocable unconditional issued by any commercial bank in India in favour of Divisional Engineer (H) ICERS cell, O/o the Director General, Highways Department, HRS Campus, Guindy, Chennai -600025
- h. The product should be associated with manufacturer Warranty and Comprehensive AMC up to 5 years.

(Purchaser)

Date:

Place:

Name:

Designation:.....