

Request for Quotation (RFQ)

Supply of Equipment for the work of accident investigation commissions and equipping facilities for safety training for Srbijavoz

Project Title: **Serbia Railway Sector Modernization Project (SRSM)**

Source of Funding: **IBRD 9221 YF and CRS 1015 02 D**

Contract Ref: **SER-SRSM-RFQ-G-24-74-2**

Contract Name: **Supply of Equipment for the work of accident investigation commissions and equipping facilities for safety training for Srbijavoz**

Date: **October 28, 2024**

Dear Sirs,

1. You are invited to submit your price quotation for:

Supply of Equipment for the work of accident investigation commissions and equipping facilities for safety training for Srbijavoz:

Item No.	Description of Goods	Quantity (pcs)
1.	Battery Led Lamps	10
2.	Non-contact Temperature Gauge	6
3.	Camera with Lens	1
4.	Audio preamplifier	4
5.	Audio Amplifier	4
6.	Overhead Speaker	8
7.	Wireless Head Microphone	4
8.	LCD Display	6
9.	Projector	12
10.	Ceiling Mount for Projector	4
11.	Electric Projection Screen	4
12.	USB Video Conferencing System	6
13.	Extension Conference Speakerphone for USB Video Conference System	6
14.	Projection Screen Tripod	8

Detailed information on description, specifications and required quantities are attached in the Annex 1.

2. You must quote for all the items under this Invitation. Price quotations will be evaluated for all the items together and contract awarded to the firm offering **the lowest evaluated total cost of all the items**.
3. Your price quotation in the form attached may be submitted electronically at the email address dejan.jeremic@mfin.gov.rs, Cc: ljljljana.dzuver@mfin.gov.rs, larisa.puzovic@mgsi.gov.rs and shall consist of:
 - Form of Quotation - **filled in and signed** (in PDF format)
 - Terms and Conditions of Supply - **filled in and signed** (in PDF format)
 - Technical Specification - **filled in and signed** (in PDF and word format)
4. The deadline for receipt of your quotation (s) by the Purchaser at the email address indicated in Paragraph 3 is: **November 11, 2024, until 12.00 hours, noon, local time.**
5. **Your 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 firms providing service facilities in Serbia.**

6. Your quotation(s) should be submitted as per the following instructions and in accordance with the attached Contract. The attached Terms and Conditions of Supply is an integral part of the Contract.

(i) **PRICES:** The prices should be quoted in RSD (Serbian Dinar), for the Total Cost at final destination “Tehničko putnička stanica (TPS) Zemun”, Zemun, Beograd (hereinafter: final destination), which includes all taxes, VAT¹, customs, duties, inland transportation and insurance, loading and unloading and also equipment installation.

(ii) **EVALUATION OF QUOTATIONS:** Offers determined to be substantially responsive to the technical specifications will be evaluated by comparison of the total price at the final destination as per paragraph 2 above.

In evaluating the quotations, the Purchaser will determine for each bid the evaluated price by adjusting the price quotation by making any correction for any arithmetical errors as follows:

(a) where there is a discrepancy between amounts in figures and in words, the amount in words will govern;

(b) where is a discrepancy between the unit rate and the line-item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern;

(c) if a Supplier refuses to accept the correction, his quotation will be rejected.

(iii) **AWARD OF CONTRACT:** The award will be made to the bidder offering the lowest substantially evaluated responsive quotation and that meets the required qualifying criteria and technical and financial capabilities. The successful bidder will sign a Contract as per attached form of contract and terms and conditions of supply.

(iv) **VALIDITY OF THE OFFER:** Your quotation(s) should be valid for a period of forty-five (45) days from the deadline for receipt of quotation(s) indicated in Paragraph 4 of this Request for Quotation.

7. Further information can be obtained from address below:

Dejan Jeremić
CFU Procurement Specialist
Ministry of Finance
Central Fiduciary Unit
Balkanska 53
11000 Belgrade
Republic of Serbia
Tel. 381 11 765 2565 E-mail: dejan.jeremic@mfin.gov.rs

8. Inspections and Audits

8.1 The Supplier shall carry out all instructions of the Purchaser which comply with the applicable laws where the destination is located.

8.2 The Supplier shall permit, and shall cause its Subcontractors and consultants to permit, the World Bank (Bank) and/or persons appointed by the Bank to inspect the Supplier's offices and all accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Supplier's and its Subcontractors and consultants' attention is drawn to Clause 5 Fraud and Corruption of the Form of Contract, which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and

¹ Supply of goods under the Serbia Railway Sector Modernization Project (SRSM), Loan No. 9221YF/CFACRS 1015 02 D, is free from VAT, as per the Loan Agreement for this Project

audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

9. Please Confirm by E-mail the receipt of this invitation and whether or not you will submit the price quotation(s).

Sincerely,

Dejan Jeremić

CFU Procurement Specialist

FORM OF CONTRACT

THIS AGREEMENT number **SER-SRSM-RFQ-G-24-74-2** made on _____ 2024, between the Ministry of Construction, Transport and Infrastructure (MCTI), having its principal place of business at Nemanjina 22-26, 11000 Belgrade, Republic of Serbia (hereinafter called “the Purchaser”) on the one part and

_____ having its principal place of business at _____ (hereinafter called “the Supplier”) on the other part.

WHEREAS the Purchaser has invited quotation for **Supply of Equipment for the work of accident investigation commissions and equipping facilities for safety training for Srbijavoz** to be supplied by Supplier, viz. Contract Ref No **SER-SRSM-RFQ-G-24-74-2** (hereinafter called “Contract”) and has accepted the Bid by the Supplier for the supply of goods under Contract at the sum of _____ (_____) exclusive of VAT hereinafter called “the Contract Price”.

Delivery of goods and non-consulting services under SRSM Project, Loan No. 9221YF/CFACRS 1015 02 D, is free from VAT as per Official Gazette of Republic of Serbia, International Contracts, no. 13/2021, dated May 10, 2021.

The Contract will be effective from the date of signing and will last until the finalization of the delivery upon Purchaser request, as specified in Terms and Conditions of supply.

NOW THIS AGREEMENT witnesses as follows:

1. The following documents shall be deemed to form and be read and construed as part of this agreement:
 - a) **Form of Quotation; Term and Conditions of Supply, Technical Specification.**
 - b) **Addendum (if applicable).**
2. Taking into account payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby concludes an Agreement with the Purchaser to execute and complete the supply of Contract and remedy any defects therein in conformity with the provisions of Contract.
3. The goods that are to be procured under this contract are for the needs of **JSC Srbijavoz (hereinafter: End Recipient)** and respective payments will be made by the Purchaser (the MoCTI) from the Serbia Railway Sector Modernization Project (SRSM) funds.
4. The Purchaser hereby covenants to pay in consideration of the goods supply and installation and acceptance of Contract and remedying of defects therein, the Contract Price in accordance with Payment Conditions prescribed by Contract.
5. **Termination**
 - 5.1 Termination for Default
 - (a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

- (i) if the Supplier fails to deliver any or all of the Goods and Services within the period specified in the Contract, or within any extension thereof granted.
 - (ii) if the Supplier fails to perform any other obligation under the Contract; or
 - (iii) if the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in Clause 6 below, in competing for or in executing the Contract.
- (b) In the event the Purchaser terminates the Contract in whole or in part, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

5.2 Termination for Insolvency.

- (a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser.

5.3 Termination for Convenience.

- (a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- (b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
- (i) to have any portion completed and delivered at the Contract terms and prices; and/or
 - (ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier

6. Fraud and Corruption

If the Purchaser determines that the Supplier and/or any of its personnel, or its agents, or its Subcontractors, consultants, service providers, suppliers and/or their employees has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices (as defined in the prevailing Bank's sanctions procedures), in competing for or in executing the Contract, then the Purchaser may, after giving 14 days' notice to the Supplier, terminate the Supplier's employment under the Contract and cancel the contract, and the provisions of Clause 4 shall apply as if such expulsion had been made under Sub-Clause 4.1.

7. Inspections and Audits

7.1 The Supplier shall carry out all instructions of the Purchaser which comply with the applicable laws where the destination is located

The Supplier shall permit, and shall cause its Subcontractors and consultants to permit, the Bank and/or persons appointed by the Bank to inspect the Supplier's offices and all accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Supplier's and its Subcontractors and consultants' attention is drawn to Clause 6 Fraud and Corruption, which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

Signature and seal of the Purchaser:

FOR AND BEHALF OF

Goran Vesić
Minister

Signature and seal of the Supplier:

FOR AND BEHALF OF

Name of Authorized Representative

FORM OF QUOTATION

(Date *insert*)

To:
Ministry of Construction, Transport and Infrastructure
Nemanjina 22-26
11000 Belgrade
Republic of Serbia

We offer to execute the **Supply of Equipment for the work of accident investigation commissions and equipping facilities for safety training for Srbijavoz**, Ref No: **SER-SRSM-RFQ-G-24-74-2**, in accordance with the Conditions of Contract accompanying this Quotation for the Contract Price of _____ (amount in words and numbers) (_____) RSD exclusive of VAT. We propose to complete the delivery, physical installation and putting into operation of goods described in the Contract within a period of _____ calendar days from the Date of Signing of the Contract, but no more than 60 days.

This Quotation and your written acceptance will constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any Quotation you receive.

We hereby confirm that this Quotation complies with the Validity of the Quotation required by the proposal documents.

Authorized Signature: *insert*
Name and Title of Signatory *insert*

Name of Supplier: *insert*
Address: *insert*
Phone Number: *insert*
Fax Number: *insert*

Terms and Conditions of Supply

Project Title: **Serbia Railway Sector Modernization Project (SRSM)**

Purchaser: **Ministry of Construction, Transport and Infrastructure**

Contract Ref No: **SER-SRSM-RFQ-G-24-74-2**

1. Prices and Schedules for Supply

Item No.	Description of Goods	Qty (pcs)	Net Unit Price (RSD) at final destination (exclusive of VAT)	Total price per line (RSD) at final destination (exclusive of VAT)	Total VAT per line (RSD)	Total Price (RSD) at final destination (includes all taxes, VAT, customs, duties, inland transportation and insurance)	Delivery Schedule from contract signature date (insert days)
1	2	3	4	5 (3x4)	6	7 (5+6)	8
1.	Battery Led Lamps	10	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>Insert</i>
2.	Non-contact Temperature Gauge	6	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>Insert</i>
3.	Camera with Lens	1	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>Insert</i>
4.	Audio preamplifier	4	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>Insert</i>
5.	Audio Amplifier	4	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>Insert</i>
6.	Overhead Speaker	8	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>Insert</i>
7.	Wireless Head Microphone	4	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>Insert</i>
8.	LCD Display	6	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>Insert</i>
9.	Projector	12	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>
10.	Ceiling Mount for Projector	4	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>
11.	Electric Projection Screen	4	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>
12.	USB Video Conferencing System	6	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>
13.	Extension Conference Speakerphone for USB Video Conference System	6	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>
14.	Projection Screen Tripod	8	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>	<i>insert</i>
TOTAL AMOUNT (RSD)				<i>insert</i>	<i>insert</i>	<i>insert</i>	

Note: In case of discrepancy between unit price and total derived from unit price, the unit price shall prevail.

2. Fixed Price: The prices indicated above are firm and fixed and not subject to any adjustment during contract performance.
3. The Purchaser reserves the right at the time of contract finalization to increase or decrease by up to 15% the quantity of goods and services originally specified without any change in unit prices as well as other terms and conditions.
4. Delivery Schedule: The delivery, psychical installation and putting into operation should be completed as per above schedule but **not exceeding 60 calendar** days from contract signature, according to the following dynamics:
 - Delivery within 50 calendar days
 - Installation and putting into operation within 60 calendar days.

The MoCTI/PIU and Srbijavoz commission will verify the receipt and installation of equipment, as well as putting into operation. The Commission will draw up a Record stating that the equipment has been received and installed in accordance with the Contract.

Items 1-3 and 14 should be delivered at following location: TPS Zemun. For items 4-13 delivery includes psychical installation and putting into operation at following locations: TPS Zemun.

5. Applicable Law: The Contract shall be interpreted in accordance with the laws of the Republic of Serbia.
6. Resolution of Disputes: The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute between them under or in connection with the Contract. In the case of a dispute between the Purchaser and the Supplier, the dispute shall be settled in accordance with the country procedures.
7. Payment for your invoice will be made as follows: 100% of contract amount within 45 days on acceptance of the goods and issuing of Acceptance Certificate for the respective deliveries of the goods by the Ministry of Construction, Transport and Infrastructure from the Serbia Railway Sector Modernization Project (SRSM) funds.
8. Warranty: Goods offered should be covered by manufacturer's warranty for the period stated in technical specification from the date of delivery to the Purchaser. Please specify warranty period and terms in detail.
9. Packaging and Marking Instructions: The Supplier shall provide standard packing of the Goods as required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract.
10. Defects: All defects will be corrected by the Supplier without any cost to the Purchaser within 30 days from the date of notice by Purchaser. Name and address of service facility which the defects are to be corrected by the supplier within the warranty period:

Address _____ **INSERT** _____

11. Force-Majeure: The supplier shall not be liable for penalties or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force-Majeure.

For purposes of this clause, "Force-Majeure" means an events beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but not restricted to, act of Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

If a Force-Majeure situation arises, the Supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by Force-Majeure event.

12. Required Technical Specifications

- (i) General Description
- (ii) Specific technical details and standards
- (iii) Performance Parameters

Supplier confirms compliance with above specifications **{In case of deviations supplier to list all such deviations}**.

NAME OF SUPPLIER _____

Authorized Signature and Stamp _____

Place: _____

Date: _____

Annex 1

Technical Specification

(Filled Annex 1 TO BE INCLUDED IN THE QUOTATION)

Type	Quantity	Description	Minimal Technical requirements	Offered (Bidder shall comment in details each description and insert manufacture and model name)
1. Battery Led Lamps	10	Weight with batteries	max 800 g	
		Lumens	min 500 lm	
		Working time	min 15 h	
		Length	max 240 mm	
		Beam range	min 450 m	
		Number of light levels	min 3	
		IP standard	min IPX4	
		Fall endurance test	min 1m	
		Material	PC, ABS plastic, POM	
		Warranty	36 months	
		Additional Technical Characteristic	Waterproof (minimum IP54) and shockproof, At least 3 levels of light: spotlight, ambient light, combined light, High-performance Cree LED light and more mid-power LEDs, to have the ability to adjust the lighting area, Must have a removable carrying strap, Charging cable and LED charging indicator	
Warranty	36 months			
2. Non-contact Temperature Gauge	6	Screen	Large, bright LCD screen	
		IR measuring range	20 ° C to 650 ° C; resolution 0.1 ° C	

		Measuring beam	12:1	,
		Adjustable emissivity	from 0.10 to 1.00	
		Accuracy	± 1.0% at + 1 ° C reading	
		Additional Technical Characteristic	Dual laser points for precise positioning, MIN / MAX / DIF / AVG recording function, Adjustable HI / LOW alarm with visual warning, Water protection, waterproof (IP65), Lock function for continuous temperature measurement, Automatic shutdown	
		Warranty	36 months	
3. Camera with Lens s	1	Image Sensor	Type: CMOS sensor size 35.9 x 24.0 mm Effective pixels: Approximately 26.2 megapixels Total number of pixels: Approximately 27.1 megapixels Image format: 3:2 Low pass filter: Built-in/fixed with fluorite coating Sensor Cleaning: EOS integrated cleaning system Color filter type: Primary color filter	
		Image Processor	Type: DIGIC 7	
		Lens	Lens mount: EF (excludes EF-S, EF-M lenses) Focal length: Equivalent to 1.0x the focal length of the lens	
		Focus	Type: TTL-CT-SIR with dedicated CMOS sensor Auto focus / point system: 11 points (f/5.6 cross-type in center, high sensitivity at f/2.8) Auto focus range: EV -3 – 18 (at 23°C and ISO100) Auto focus modes: AI Focus One Shot: AI Servo Auto focus point selection: Automatic selection Manual selection: AF points can be selected separately for vertical and horizontal shooting Display of the selected autofocus point	

		It is displayed in the optical viewfinder, on the status LCD screen, and on the quick control screen	
	Predictable auto focus	Auto focus lock Locks after pressing the shutter button halfway in One Shot AF mode or when the AF-ON button is pressed Auto focus assist beam It is emitted by the optional Speedlite flash Manual focus Adjusts on the lens	
	Focusing with multiple test shots	AF Microadjustment C.Fn II-9 +/- 20 steps (wide and telephoto zoom setting) Adjust all lenses by the same amount Individual adjustment of up to 40 lenses Saving settings for each lens by serial number	
	Exposure Control	Modes of measurement Full-aperture TTL metering using dual-layer 63-zone SPC (1) Metering with estimation (associated with each AF point) (2) Partial metering (approx. 8% of optical viewfinder at center) (3) Spot metering (approx. 3.5% of optical viewfinder at center) (4) Average measurement centered Measurement range EV 1 – 20 (at 23°C with 50mm f/1.4 lens and ISO 100) Automatic exposure lock Auto: Works in 1-shot AF mode with estimated metering, which locks when focus is achieved. Manual: Using the AE lock button in creative zone modes. Exposure compensation	

		<p>+/-5 EV in steps of 1/3 or 1/2 (can be combined with AEB). AEB 2, 3, 5 or 7 shots +/-3 EV in 1/3 or 1/2 steps ISO Sensitivity* Auto (100-25600), 100-25600 (1/3 step or full step)</p> <p>ISO can be increased to L: 50, H1: 51,200, H2: 102,400</p> <p>During video recording: Auto (100-12,800), 100-12,800 (1/3 step or full step) ISO value can be expanded to H: 25,600</p>	
	Shutter	<p>Type: Electronically-controlled focal-plane shutter Speed: 30-1/4000 sec (1/2 or 1/3 stop increments), Bulb (Total shutter speed range. Available range varies by shooting mode)</p>	
	White Balance	<p>Type: Automatic determination of the white balance using the sensor Settings: AWB (Ambience priority/White priority), Daylight, Shade, Cloudy, Tungsten, White Fluorescent light, Flash, Custom, Colour Temperature Setting (Approx. 2500 K - 10000 K) White balance compensation: 1. Blue/Amber +/-9 2. Magenta/ Green +/-9. Custom White Balance Yes, it is possible to register one setting</p>	
	Optical Viewfinder	<p>Type: Pentaprism Coverage: (vertical/horizontal) Approx. 98 % Magnification: Approximately $0.71x^2$ Eye point: Approx. 21mm (from center of lens) Diopter correction: '-3 to +1 m-1 (diopter) Focus screen: Fixed (Transmissive LCD screen)</p>	

		<p>The mirror: Quick-return half mirror (Transmission: reflection ratio of 40:60, no mirror cut-off with EF600mm f/4 or shorter) Information about the optical viewfinder AF information: AF points, focus confirmation, AF area selection mode, AF mode Exposure information: Exposure mode, Shutter speed, aperture value, ISO speed, AE lock, exposure level/compensation, Metering mode, spot metering circle, exposure warning, AEB.. Flash information: Flash ready, high-speed sync, FE lock, flash exposure compensation, red-eye reduction light.. Image information: Card information, maximum burst (2 digit display), Highlight tone priority (D+). Battery check: composition information Electronic level display Warning symbol: displayed if any of the following items are set: monochrome, balance correction white, extended ISO sensitivity or spot metering. Depth of field overview: Yes, with a depth of field preview button Eyepiece shutter: On the belt</p>	
	<p>LCD Monitor</p>	<p>Type: Touch screen Vari angle 7.7cm (3.0") 3:2 Clear View II TFT, approx. 1040K dots Coverage: approximately 100% Viewing Angle (Horizontally/Vertically): Approximately 170° Coating: Anti smudge Brightness Adjustment: Adjustable to one of seven levels Display Options: (1) Quick Control Screen (2) Camera settings (3) Electronic level</p>	

		<p>VIDEO</p> <p>Modes: Scene Intelligent Auto, Creative Auto, Special Scene (Portrait, Group Photo, Landscape, Sports, Kids, Panning10, Close-up, Food, Candlelight, Night Portrait, Handheld Night Scene, HDR Backlight Control), Program AE, Shutter-priority AE, Aperture-priority AE, Manual exposure, Bulb exposure, Custom (C1/C2)</p> <p>Picture Styles: Auto, Standard, Portrait, Color Space: sRGB and Adobe RGB</p> <p>Image Processing: Highlight Tone Priority Auto Lighting Optimizer (4 settings) Long exposure noise reduction High ISO speed noise reduction (4 settings + Multi Shot Noise Reduction) Auto Correction of Lens Peripheral illumination, Distortion correction, Chromatic aberration correction and Diffraction correction Multi-exposure HDR Mode RAW image processing - during image Playback only Resize to M or S1, S2 Drive modes Single, Continuous L, Continuous H, Self timer (2s + Remote, 10s + Remote, Continuous), Silent single shooting, Silent continuous shooting Max. Approx. 6.5 fps. (speed maintained for up to 150 images in JPEG, 21 images in RAW)</p>	
	<p>Live View Mode</p>	<p>Type: Electronic viewfinder with image sensor Coverage: Approximately 100% (horizontal and vertical) Frame Rate: 29.97 fps Focusing: Manual Focus (Magnify the image 5x or 10x at any point on screen) Autofocus: Dual Pixel CMOS AF14, Tracking sensitivity (-3 to +3) and Movie Servo AF Speed (-7 to +2)</p>	

		<p>Metering Real-time evaluative metering with image sensor Active metering time can be changed Display Options Grid overlay (x3), Histogram, Aspect ratios, Electronic Level</p>	
	<p>File Type</p>	<p>Still Image Type: JPEG: Fine, Normal (Exif 2.30 [Exif Print] compliant) / Design rule for Camera File system (2.0),RAW: RAW, M-RAW, S-RAW (14bit, Canon original RAW 2nd edition), Digital Print Order Format [DPOF] Version 1.1 compliant RAW+JPEG simultaneous recording Yes, any combination of RAW + JPEG, M-RAW + JPEG, S-RAW + JPEG possible. Image Size JPEG 3:2: (L) 6240 x 4160, (M) 4160 x 2768, (S1) 3120 x 2080 (S2) 2400 x 1600 JPEG 4:3: (L) 5536 x 4160, (M) 3680 x 2768, (S1) 2768 x 2080, (S2) 2112 x 1600 JPEG 16:9: (L) 6240 x 3504, (M) 4160 x 2336, (S1) 3120 x 1752, (S2) 2400 x 1344 JPEG 1:1: (L) 4160 x 4160, (M) 2768 x 2768, (S1) 2080 x 2080, (S2) 1600 x 1600 RAW: (RAW) 6240 x 4160, (M-RAW) 4680 x 3120, (S-RAW) 3120 x 2080 Movie Type MP4:Movie: MPEG4 AVC / H.264 (Video: H.264 inter frame, Audio: AAC, recording level can be manually adjusted by user) MOV:Motion JPEG (4K 29.97/25.00, time-lapse movies only)ALL-I (FHD 29.97/25.00, time-lapse movies only) Movie Size 1920 x 1080 (59.94, 50, 29.97, 25, 23.976 fps) IPB Standard or Light 1280 x 720 (59.94, 50, 29.97, 25 fps) IPB Standard or Light</p>	

		<p>HDR movie15: 1920 x 1080 (59.94, 50, 29.97, 25, 23.976 fps) IPB (Standard, Light) Time-lapse movie: 3840 x 2160 (29.97, 25 fps) Motion JPEG 1920 x 1080 (29.97, 25 fps) ALL-I Movie Length Max duration 29min 59sec, Max file size 4GB (If file size exceeds 4GB a new file will be created automatically except in Timelapse Movie mode)</p>	
	Sound	<p>Folders New folders can be manually created and selected File numbering (1) Consecutive numbering (2) Auto reset (3) Manual reset</p>	
	Other	<p>Custom features 28 Custom Functions Metadata Tag User copyright information (can be set in camera) Image rating (0-5 stars) GPS coordinates: Latitude, Longitude, Elevation, Coordinated Universal Time (UTC), Satellite signal acquisition status LCD panel / lighting Yes Waterproof / dustproof Yes Sound memory No Intelligent orientation sensor Yes Playback zoom 1.5x–10x Display formats (1) Single image with information (2 levels)</p>	

		<p>(2) Single image (3) 4 image index (4) 9 image index (5) 36 image index (6) 100 image index (7) Jump Display (8) Movie/edit Slide show Playback time: 1/2/3/5/10/20 seconds Repeat: On/Off Background music: On/Off Transition effect: Off, Slide in 1, Slide in 2, Fade 1, Fade 2, Fade 3 Histogram Brightness: yes RGB: yes Highlight Alert Yes Image deletion/Protection Delete: Single image, All images in folder, Checkmarked images, unprotected images Protection: Erase protection of one image at a time</p>	
	<p>Data Verification</p>	<p>Menu categories: (1) Shooting menu (x5) (2) Playback menu (x3) (3) Setup menu (x5) (4) Custom Functions menu (5) My Menu Menu languages: 25 languages English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Romanian, Ukrainian, Turkish, Arabic, Thai, Simplified Chinese, Traditional Chinese, Korean and Japanese Factory firmware update Update possible by the user.</p>	

	Interface	Computer Hi-Speed USB (USB 2.0) Other HDMI output (Type-C), External microphone (3.5 mm Stereo mini jack)	
	Direct Printing	Canon printers Canon Compact Photo Printers and PIXMA Printers supporting PictBridge PictBridge Yes (PictBridge via WLAN compatible)	
	Storage	Type: SD, SDHC or SDXC (UHS-I) card	
	Supported OS	PC & Macintosh Windows 10 / 8.1 / 8 / 7 (With Microsoft .NET Framework 4.5 is installed)19 Mac OS X 10.9 / 10.10 / 10.11 / 10.12	
	Software	Image Processing Digital Photo Professional 4 Other EOS Utility EOS Lens Registration Tool EOS Web Service Registration Tool EOS Sample Music Picture Style Editor Map Utility	
	Power Source	Batteries: Rechargeable Li-ion Battery LP-E6N (supplied) Battery life: Approx. 1200 shots (at 23°C, AE 50%, FE 50%)20 Approx. 1100 shots (at 0°C, AE 50%, FE 50%) Battery Indicator: 6 levels + percentage Energy saving: Power off after 1, 2, 4, 8 or 15 Adapter and battery charger: AC Adapter AC- E6(N), DC coupler: DR-E6, Battery charger LC- E6E, Car Battery charger CBC-E6	
	Physical Specifications	Case material Magnesium alloy front and back housing. The upper part of the case is made of polycarbonate	

			<p>Operating environment 0–40°C, humidity 85% or less</p> <p>Dimensions (WxHxD) 144.5 x 110.5 x 71.2</p> <p>Weight (case only) Approx. 755g (CIPA standard tests, with battery and memory card)</p>	
		Accessories	<p>Optical viewfinder Eyecup Eb, E-series Dioptic Adjustment Lens, Eyepiece Extender EP-EX15II, Angle Finder C Case Protecting Cloth PC-E1</p>	
		Bag	<p>Wireless File Transmitter Built in Wi-Fi transmission</p> <p>Lenses All EF lenses (excludes EF-S lenses & EF-M lenses)</p> <p>Flash Canon Speedlites (90EX, 220EX, 270EX, 270EX II, 320EX, 420EX, 430EX, 430EX II, 430EX III-RT, 550EX, 580EX, 580EX II, 600EX, 600EX-RT, Macro-Ring-Lite MR-14EX II, Macro Twin Lite MT-24EX, Speedlite Transmitter ST-E2, Speedlite Transmitter ST-E3-RT) BG-E13</p> <p>Battery Grip BG-E21</p> <p>Remote control / switch Remote Switch RS-80N3 Timer Remote Controller TC-80N3 Remote Controller RC-6 Wireless Remote Control BR-E1 (via Bluetooth)</p> <p>Other Hand Strap E2 Interface Cable IFC-400PCU Directional Stereo Microphone DM-E1</p>	
		Warranty	36 months	
4. Audio Preamplifier	4	Characteristics	<p>Inputs: 2 x Balanced microphone, 2 x stereo balanced line, 3 x stereo unbalanced line, Bluetooth receiver, front 3.5 mm jack, contact priority mute, Outputs: 1 x Balanced</p>	

			<p>Stereo output, Inputs: Balanced microphone - Sensitivity -6 dB ~ -50 dB Line Sensitivity -20 dB ~ +4 dB, EQ: High 15 dB (12.5 kHz), Mid 15 dB (2.5 kHz), Low 15 dB (80 Hz), Phantom Power 15 V DC, Outputs: EQ High 15 dB (2.5~20 kHz), Bass 15 dB (100 Hz), Frequency response (± 3 dB) 20 Hz - 20 kHz Signal to Noise > 90 dB, THD+N (@ 1 kHz) < 0.05%, Crosstalk (@ 1 kHz) > 70 dB, Power Supply 100 ~ 240 V AC / 50 ~ 60 Hz, Consumption 12 W</p>	
		Warranty	36 months	
5. Audio Amplifier	4	Characteristics	@ 4 Ω Stereo 2 x 150 W, @ 8 Ω Stereo 2 x 80 W, @ 8 Ω Bridge 300 W, Frequency Response (± 3 dB): 20Hz-20kHz, Signal/Noise > 90 dB, THD+N (@ 1 kHz) < 0.1%, Crosstalk (@ 1 kHz): >70 db, Protection: DC Short Circuit, Overheating, Overload, Signal Limiting	
		Warranty	36 months	
6. Overhead Speaker	8	Characteristics	RMS: 60W, Max. Power: 240W, Resistance: 12 Ω , Sensitivity (1W/1m): 90db, Sound pressure (Max. W/1m): 106db, Frequency range (-10db): 120Hz-20kHz, Frequency response (± 3 dB): 150Hz- 20 kHz	
		Warranty	36 months	
7. Wireless Head Microphone	4	Characteristics	Cardioid, Audio output: 6.3mm (unbalanced): +12 dBu, Input impedance: 40 k Ω , unbalanced / 1 M Ω , Sensitivity: 1.6 mV/Pa, Signal to noise ratio: ≥ 110 dBA	
		Warranty	36 months	
8. LCD Display	6	Characteristics	Diagonal 55", 4K, webOS SmartTV, Miracast, Airplay	
		Warranty	36 months	
9. Projector	12	Characteristics	DLP technology, WUXGA resolution, 5,000 ANSI lumens, image format 16:10, Image	

			projection ratio: 1.39-2.09, Lens: F=2.42 - 2.97, f=20.70 - 31.05 mm, Zoom: 1.5x , Manual focus, Speaker: 10W, Inputs/Outputs: VGAInx1, HDMIInx2, AudioInx1, VGAOutx1, AudioOutx1, RJ45, Trigger 12V, RS-232, USB-Ax2, USB miniBx1, Noise level: 38/34db, Weight: 3.4kg	
		Warranty	36 months	
10. Ceiling Mount for a Projector	4	Characteristics	total length of installation 20 cm, rotation 360°, maximum weight of the projector: 10 kg, ball joint enables smooth adjustment of the tilt +/- 25°, maximum distance between mounting holes of the projector - 38 cm	
		Warranty	36 months	
11. Electric Projection Screen	4	Characteristics	image format 16:10, Screen dimensions: 240 x 200 cm, Active surface dimensions: 235 x 146.8 cm, black frame	
		Warranty	36 months	
12. USB Video Conferencing System	6	Characteristics	Camera: 4K 3x optical zoom lens with 15x zoom, Pan: 180°, Tilt: 105°, Field of view (D/H/V): 92°/84°/53°, Sony 4K True VDR sensor, automatic tracking and field of view adjustment, Gesture control for intuitive camera control, Minimum focus distance: 80 cm, People counting API, 10 presets, Web control, control via app, Audio: Beamforming microphone array from 10 elements, capture range 8 meters, stereo speaker with output power 12W (6W x 2 pcs), sound volume up to 96 dB SPL at 1/2 m, echo cancellation, noise suppression, microphone extension option	
		Warranty	36 months	
	6	Characteristics	Microphone frequency response: 120Hz–16kHz	

13. Extension Conference Speakerphone for USB Video Conference System			Microphone sensitivity: -34± 2 dBV @1KHz, 94dBSPL Microphone distortion: < 1% from 150Hz Microphone support range: Diameter 6M Speaker volume: Adjustable to 90dB SPL at 0.5 m Speaker Distortion: 120Hz~200Hz<20% , 201Hz~500Hz<10% , 501Hz~10K Hz<2% Speaker Sensitivity: 81 ± 2dBSPL@1W/1m Speaker Frequency Response: 180Hz–20KHz	
		Warranty	36 months	
14. Projection Screen Tripod	8	Characteristics	Tripod for a240 x 200 cm or 240 x 240 cm	
		Warranty	36 months	

Unless otherwise specified, the requirements in these Technical Specifications are presented as a **minimum standard** which the offered goods must meet in order to be compliant.

The Bidder is expected to submit documentary evidence (brochures, technical data sheets, etc.) of the technical compliance of his quotation including certificate issued by the manufacturer/distributor that the bidder is authorized to sell described equipment that are the subject of this procurement in the territory of the Republic Serbia. The document must be addressed to the customer, written in Serbian or English, with a reference to the public procurement number.