

Request for Quotation (RFQ) for Goods

Purchase of two traffic control devices with appropriate Computer- Control unit

RFQ Ref No: UNOPS-SMOIA-2017-G-007

Invitation letter

Dear Sir/Madam,

Subject: Request for Quotations for the Purchase of two traffic control devices with appropriate connection computer – RFQ Case No.: UNOPS-SMOIA-2017-G-007

The United Nations Office for Project Services (hereinafter referred to as UNOPS) is pleased to invite prospective bidders to submit a quotation for the provision of goods/services in accordance with the UNOPS General Conditions of Contract and the Schedule of Requirements as set out in this Request for Quotation (RFQ).

The RFQ consists of the following:

- This RFQ Invitation Letter
- Section I: RFQ Particulars
- Section II: Instructions to Bidders
- Section III: Schedule of Requirements
- Section IV: Returnable Bidding Forms
 - Form A: Quotation Submission Form
 - Form B: Price Schedule Form
 - Form C: Technical Quotation Form
 - Form D: Previous Experience Form

If you are interested in submitting a quotation in response to this RFQ, please prepare your quotation in accordance with the requirements and process as set out in this RFQ and submit it to UNOPS by the deadline for quotation submission set out in the Section I: RFQ Particulars.

We look forward to receiving your quotation.

Approved by:



Name: Marko Vujacic
Title: European PROGRES National Programme Manager
Date: 12.04.2017

Section I: RFQ Particulars

Scope of Quotation	This RFQ refers to the provision of Purchase of two traffic control devices with appropriate Computer- Control unit as further described in Section III: Schedule of Requirements.
Contact person for correspondence, notifications and requests for clarifications	All correspondence, notifications and requests for clarifications in relation to this RFQ shall be sent to the following e-mail address: srpc.procurement@unops.org United Nations Office for Project Services Republic of Serbia Operations Centre Skerliceva 4 11000 Belgrade, Serbia ATTENTION: quotations shall not be submitted to the above address but to the address for quotation submission as set out below.
Clarifications	Requests for clarification from bidders will not be accepted by any later than 19 April 2017 . Responses to requests for clarification will be communicated at UNOPS website (open competition).
Quotation validity period	Quotations shall remain valid for acceptance by UNOPS for ninety 90 days for RFQ from the Deadline for Quotation Submission.
Quotation Currenc(ies)	Quotations shall be quoted in RSD (Republic of Serbia Dinars)
Duties and Taxes	All quotations shall be submitted net of any direct taxes, customs duties and indirect taxes and VAT.
Language of quotations	All quotations, information, documents and correspondence exchanged between UNOPS and the Bidders in relation to this RFQ process shall be in English.
Deadline for Quotation Submission	All quotations must be submitted by 12:00, CET on 21 April 2017 .
Quotation submission	Quotations must be submitted as follows: Quotation form must be completed signed and returned to UNOPS. The quotations must be made in accordance with the instructions contained in this request. All quotations must be submitted to the following address Address: Skerliceva 4, 11000 Belgrade, Serbia Or to E-mail: srpc.bids@unops.org Contact person: Nenad Nakic Quotations submitted shall be binding and valid for a period of ninety (90) days from the due date stated herein. Any prices accepted during this period will be considered firm/fixed for the resulting purchase order. The supplier agrees to acknowledge the purchase order in the form provided upon award, under the terms and conditions stated therein, and for the agreed amount.

Evaluation method and criteria	<p>Quotations shall be evaluated to determine the lowest price most technically acceptable offer. Evaluation shall be conducted as follows:</p> <ol style="list-style-type: none"> 1. Preliminary Examination. The following eligibility and formal criteria will be reviewed for compliance: <ul style="list-style-type: none"> • Bidder is eligible as defined in Instructions to Bidders, Article 3 • Completeness of the Quotation. All Returnable Bidding Forms and other documentation requested have been provided and are complete • Bidder accepts UNOPS General Conditions of Contract 2. Qualifications of the Bidder will be assessed as per below qualification criteria: <ul style="list-style-type: none"> • Bidder should be in continuous business of supplying similar goods (traffic control devices and traffic control equipment) for the last 2 (two) years. • <u>Bidder must submit the proof that offered device have a type approval issued by the Directorate of Measures and Precious Metals of the Republic of Serbia.</u> • Bidder must also identify and disclose all information regarding any associated entity/s, if any, by providing full legal name and address of those entity/s. Should there be no related entities, the Bidder must provide a statement to that effect. 3. Technical compliance of the offered goods/services. The following technical criteria will be reviewed for compliance compared to UNOPS requirements: <ul style="list-style-type: none"> • Goods offered in the quotation are compliant compared to the requirements in Section III: Schedule of Requirements. • Goods offered in the quotation are compliant with the applicable national law regulations and standards 4. Financial evaluation. Quotations that are found to be technically acceptable shall be evaluated based on price and UNOPS will award the contract as per the lowest priced, most technically acceptable offer evaluation methodology. <p>At any time during the evaluation process UNOPS may request clarification or further information in writing from Bidders. The Bidder's responses shall not contain any changes regarding the substance, including the technical and financial part of their quotation. UNOPS may use such information in interpreting and evaluating the relevant quotation.</p>
Partial quotations	<p>Partial quotations shall not be allowed. Bidders must quote prices for the total goods and/or services for the total requirement requested under Section III: Schedule of Requirements. Evaluation will be done for the total requirement.</p>

Documents comprising the Quotation	<p>Bidders shall include the following documents in their quotation:</p> <ul style="list-style-type: none"> • Form A: Quotation Submission Form • Form B: Price Schedule Form • Form C: Technical Quotation Form • Form D: Previous Experience Form • Registration, financial and legal documents: <ul style="list-style-type: none"> - Document from Business Registers Agency; • Previous experience (references): <ul style="list-style-type: none"> - Minimum three contract or valid invoice proving the successful delivery of equipment which are equal or similar to the equipment required as per this RFQ, in the last two years, and listed in the Previous Experience Form - <u>Copy of type approval issued by the Directorate of Measures and Precious Metals of the Republic of Serbia for the offered cameras.</u> • Catalogue, brochure or similar document that will prove the required characteristics of the offered traffic control devices and connection computer.
Type of Contract to be awarded	UNOPS will sign the following contract with the awarded Bidder(s): Purchase order
General Conditions of Contract	<p>In the event of an order, the following conditions of contract will apply: UNOPS General Conditions of Contract for goods</p> <p>The conditions are available at: http://www.unops.org/english/Opportunities/suppliers/how-we-procure/Pages/default.aspx</p>
Signing of Contract	UNOPS plans to award the Contract by end of April 2017 .
UNGM registration	<p>Any Contract resulting from this RFQ exercise will be subject to the supplier registration on United Nations Global Marketplace (UNGM) website. Vendors can register their company by accessing the website at www.ungm.org.</p> <p>The Bidder may still submit a quotation even if not registered with the UNGM, however, if the Bidder is selected for Contract award, the Bidder must register on the UNGM prior to Contract signature</p>

Section II: Instructions to Bidders

1. SCOPE OF QUOTATION

Bidders are invited to submit a quotation for the goods and/or services specified in Section III: Schedule of Requirements, in accordance with this RFQ.

2. INTERPRETATION OF THE RFQ

This RFQ is an invitation to treat and shall not be construed as an offer capable of being accepted or as creating any contractual, other legal or restitutionary rights.

This RFQ is conducted in accordance with the applicable provisions of UNOPS Procurement Manual (latest version of which can be accessed at: <https://www.unops.org/english/Opportunities/suppliers/how-we-procure/Pages/default.aspx>) and other relevant Organisational Directives and Administrative Instructions that are

referred to in the Procurement Manual. In case of contradictions between this RFQ and the UNOPS Procurement Manual, the UNOPS Procurement Manual shall prevail.

3. BIDDER ELIGIBILITY

Bidders may be a private, public or government-owned legal entity or any association with legal capacity to enter into a binding Contract with UNOPS.

A Bidder shall not be eligible to submit a quotation if and when at the time of quotation submission, the Bidder:

- i. is included in the Ineligibility List, hosted by UNGM, that aggregates information disclosed by UNOPS (UNOPS Ineligibility List) and other Agencies, Funds or Programs of the UN System;
- ii. is included in UN/PD's suspended and removed vendors list;
- iii. is included in the Consolidated United Nations Security Council Sanctions List, including the UN Security Council Resolution 1267/1989 list;
- iv. is included in the World Bank Corporate Procurement Listing of Non-Responsible Vendors and World Bank Listing of Ineligible Firms and Individuals;

All Bidders are expected to embrace the principles of the United Nations Supplier Code of Conduct, given that it originates from the core values of the Charter of the United Nations. UNOPS also expects all its suppliers to adhere to the principles of the United Nations Global Compact.

4. CLARIFICATION OF THE RFQ

Bidders may request clarification in relation to the RFQ or bid process by submitting a written request to the contact stated in the **Section I: RFQ Particulars**, until the time stated in **Section I: RFQ Particulars**. Explanations or interpretations provided by personnel other than the named contact person will not be considered binding or official.

5. REMUNERATION FOR AND COSTS OF QUOTATIONS

Bidders shall not be entitled to any remuneration or compensation for the preparation and submission of their quotation.

6. QUOTATION CURRENCY(IES)

The quotation shall be made in the currency(ies) stated in **Section I: RFQ Particulars**. If applicable, for comparison and evaluation purposes, UNOPS will convert the quotations into USD at the official United Nations rate of exchange in force at the time of the deadline for quotation Submission.

UNOPS reserves the right not to reject any quotation submitted in a currency other than the mandatory bidding currency(ies). UNOPS may accept quotations submitted in another currency than stated above if the Bidder confirms during clarification of quotations in writing that it will accept a Contract issued in the mandatory quotation currency and that for conversion the official United Nations operational rate of exchange of the day of RFQ deadline as stated in Section I: RFQ Particulars shall apply. Regardless of the currency of quotations received, the Contract will always be issued and subsequent payments will be made in the mandatory bidding currency above.

Rates in quotations shall be fixed. Quotations with adjustable rates shall be disqualified.

7. DUTIES AND TAXES

Article II, Section 7, of the Convention on the Privileges and Immunities provides, inter alia, that the United Nations, including UNOPS as a subsidiary organ, is exempt from all direct taxes, except charges for public utility services, and is exempt from customs restrictions, duties, and charges of a similar nature in respect of articles imported or exported for its official use. All quotations shall be submitted net of any direct taxes and any other taxes and duties, unless otherwise specified in **Section I: RFQ Particulars**.

8. PAYMENT TERMS

UNOPS will ordinarily effect payment within 30 days after receipt of the goods/services and on submission of payment documentation. Time in connection with discounts offered for accelerated payment will be computed

from the date of receipt of payment documents by UNOPS. Payment discounts will not be considered in the financial evaluation.

9. PUBLICATION OF CONTRACT AWARD

UNOPS shall publish in its website (<https://data.unops.org>) information regarding the purchase order(s) awarded as a result of this RFQ.

10. ETHICS AND PROSCRIBED PRACTICES

UNOPS requires that all Bidders observe the highest standard of ethics during the entire RFQ process, as well as the duration of any Contract that may be signed as a result of this process. Therefore, all Bidders shall represent and warrant that they:

- (i) have not unduly obtained, or attempted to unduly obtain, any confidential information in connection with the RFQ process and any Contract that may be signed as a result of this RFQ process;
- (ii) have no conflict of interest that would prevent them from entering into a Contract with UNOPS, and shall have no interest in other parties involved in this RFQ process or in the project underlying this RFQ process;
- (iii) have not engaged, or attempted to engage, in any Proscribed Practices in connection with this RFQ process or the Contract that may be awarded as a result of this RFQ process. For the purposes of this provision, Proscribed Practices are defined in the UNOPS Vendor Sanctions Procedures, and include: corrupt practice, fraudulent practice, coercive practice, collusive practice, unethical practice and obstruction.

11. AUDIT

UNOPS may conduct investigations relating to any aspect of the Contract award at any time during the term of the Contract and for a period of three (3) years following the expiration or prior termination of the Contract. The Contractor shall provide its full and timely cooperation with any such inspections, post-payment audits or investigations. Such cooperation shall include, but shall not be limited to, the Contractor's obligation to make available its personnel and any relevant documentation for such purposes at reasonable times and on reasonable conditions and to grant to UNOPS access to the Contractor's premises at reasonable times and on reasonable conditions in connection with such access to the Contractor's personnel and relevant documentation. The Contractor shall require its agents, including, but not limited to, the Contractor's attorneys, accountants or other advisers, to reasonably cooperate with any inspections, post-payment audits or investigations carried out by UNOPS hereunder

12. BID PROTEST

Any Bidder that believes to have been unjustly treated in connection with this RFQ process or any Contract that may be awarded as a result of such RFQ process may submit a complaint to UNOPS' General Counsel. More information about bid protests can be found on UNOPS' website at www.unops.org.

Section III: Schedule of Requirements

List of Goods with quantities:

Item No	Description of Goods	Quantity
1.	Traffic control device	2
2.	Computer- Control unit	1

NOTE:

- 1) Partial quotations shall not be allowed. Bidders must quote prices for the total goods and/or services for the total requirement requested under Section III: Schedule of Requirements. Evaluation will be done for the total requirement.
- 2) Transportation and offload on the delivery place must be included in the price.
- 3) All items must comply with requirements laid down in the technical specifications in the (Form C: Technical Quotation Form - Technical specifications for goods – Comparative Data Table) of this tender. The required specifications present minimum requirements. Bidders may offer items with more advanced specs and such offers are accepted as appropriate.
- 4) Manufacturer's technical literature submitted with the offer must comply with the written specifications of the Bidder. In the event that there are differences between the submitted manufacturers' literature and written Bidder specification reasons for that must be explained in the Bidder specifications. Manufacturer's technical literature (brochures, booklets, instructions, etc.) should be submitted for each item offered. The manufacturers' technical literature should be marked in an appropriate manner (i.e. model number).
- 5) Bidder warrants that offered equipment is new and unused. Bidder shall further warrant that none of the supplies have any defect arising from design, materials or workmanship.
- 6) Warranty period for the offered equipment must be minimum 2 years.
- 7) Where applicable, items must be in compliance with the Law on health safety of products for general use Republic of Serbia.

Section IV: Returnable Bidding Forms

Note to Bidders: Instructions to complete each Form are highlighted in blue in each Form. Please complete the Returnable Bidding Forms as instructed and return them as part of your quotation.

The following returnable forms are part of this RFQ and must be completed and returned by bidders as part of their Quotation.

Form A: Quotation submission form

Bidders are requested to complete this form, sign it and return it as part of their bid submission. The bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Date: [Insert submission date] _____

Subject: Quotation for the supply of [Insert a brief description of goods/services] in _____ [Name of country/city],
 RFQ Case No. [insert RFQ ref number] _____, dated [insert date] _____.

We, the undersigned, declare that:

- We offer to supply in conformity with the bidding documents, including the UNOPS General Conditions of Contract.
- Our quotation shall be valid for the period of time of [insert number of days which shall not be less than the specified in Section I: Bid Particulars, Period of Validity of Bids] _____ from the date fixed for the bid submission deadline as set out in the RFQ, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- We have no conflict of interest in any activity that would put it, if selected for this assignment, in a conflict of interest with UNOPS;
- Our firm confirms that the offeror and sub-contractors have not been associated, or had been involved in any way, directly or indirectly, with the preparation of the design, terms of references and/or other documents used as a part of this solicitation;
- Our firm, its affiliates or subsidiaries—including any subcontractors or suppliers for any part of the Contract—has not been declared ineligible by UNOPS, nor is included in the suspended/ineligibility list of the UN/DPD, other UN Agencies, the UN Security Council, and the World Bank, in accordance with Instructions to Bidders Article 3, Eligibility;
- We embrace the UN Supplier Code of Conduct and adhere to the principles of the UN Global Compact
- We have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future.
- We have not offered and will not offer fees, gifts and/or favours of kind in exchange for this RFQ and will not engage in any such activity during the performance of any Contract awarded.

I, the undersigned, certify that I am duly authorized by [insert full name of bidder] _____ to sign this quotation and bind [insert full name of bidder] should UNOPS accept this quotation:

Name: [complete] _____
 Title: [complete] _____
 Signature: _____

Provide the name and contact information for the primary contact from your company for this quotation:

Name: [complete] _____
 Title: [complete] _____
 Email address: [complete] _____
 Telephone: [complete] _____

Form B: Price Schedule Form

Bidders shall fill in this Price Schedule Form in accordance with the instructions indicated.

RFQ reference no: [insert RFQ reference No.]

Currency	RSD
-----------------	-----

Item No	Description of Goods	Quantity	Unit price DAP	Total price DAP
			VAT excluded	VAT excluded
			RSD	RSD
1.	Traffic control device	2		
2.	Computer- Control unit	1		
TOTAL:				

NOTES:

- 1) Transportation and offload equipment to the delivery place must be included in the price.
- 2) The offered prices are net of any direct taxes, customs duties and indirect taxes and VAT.
- 3) DAP and supplier to cover the costs of custom clearance agency if needed;

Payment terms 30 days accepted: Yes

a) List of subcontractors or suppliers

Bidder must identify the names of all subcontractors/suppliers who will be providing good/services under this Contract and the type of work being subcontracted, if applicable.

[Full legal name and address of subcontractors]

(A) _____

(B) _____

(C) _____

b) List of legal entities associated to the Bidder

Bidder must also identify and disclose any information regarding all associated legal entity/s, if any, by providing full legal name and address of the associated entity/s.

[Full legal name and address of the associated legal entity]

(A) _____

(B) _____

(C) _____

Should there be no related entities, the Bidder must sign the following statement to that effect:

[Delete or cross out if not applicable]:

I, the undersigned, certify that there are no legal entities associated to the **[insert full name of Bidder]**

_____.

c) Authorization to sign quotation

I, the undersigned, certify that I am duly authorized by **[insert full name of Bidder]**

_____ to sign this quotation and bind

_____ **[insert full name of Bidder]** should UNOPS accept this quotation:

Name : _____

Title : _____

Date : _____

Signature : _____

4

Form C: Technical Quotation Form

RFQ reference no: [insert RFQ reference No.] _____

Name of Bidder: [insert name of Bidder] _____

Bidders are required to complete the **Comparative Data Tables** included in Section III: Schedule of Requirements to demonstrate compliance with UNOPS requirements and insert them below. Bidders are NOT allowed to make any change in the "UNOPS requirements" columns of the Comparative Data Tables. Such changes might disqualify your quotation.

Technical specifications for goods – Comparative Data Table

Item No	UNOPS minimum technical requirements	Quantity	Is quotation compliant? Bidder to complete	Details of goods offered. Bidder to complete Insert details of goods offered, including specifications and brand/model offered if applicable
1.	<p>Technical specifications-Traffic control device</p> <p>Device to monitor and record incidental situations in traffic, violations of speed limits and detecting violations of vehicles passing at a red traffic light. The device will be installed at the intersection together with other external equipment protected from weather and vandals influence. Device must recognize automatically all crossing vehicles, and should made minimum one photography with clearly visible registration number of the vehicle which should contain the following information:</p> <p>Data on the camera location, date, time, unique identification number (mark of the camera location, the date and number of the passage in the format KKKKK-GG-MM-DD-RRRRR)</p> <p>-In the case of identifying the passage of the vehicle at the speed higher than permitted, limited, should be generated:</p> <p>- Minimum two ambiantal photos showing the position of the vehicle on the road. Photos of identified vehicles must contain a readable meta information about the event, eyent identification number (mark of</p>	2	<input type="checkbox"/> Yes <input type="checkbox"/> No	

<p>camera location, date and number of the passage in the format KKKKK-GG-MM-DD-RRRRR), date, time, vehicle license plate, measured speed, specified speed limit, location, geographic coordinates.</p> <p>-In the case of detecting violations of vehicles passing at a red traffic light, should be generated:</p> <ul style="list-style-type: none"> - Minimum two ambiental photographs showing the position of the vehicle on the road, where the information regarding the time in the photo, must be different. Photos of identified vehicles must contain a readable meta information about the event, event identification number (mark of camera location, date and number of the passage in the format KKKKK-GG-MM-DD-RRRRR), date, time, vehicle license plate, measured speed, specified speed limit, location, geographic coordinates. <p>It is required a password-protected interface, to adjust the camera, number selection of pictures that system makes upon the detection of the violations, input of the required parameters for the correct operation of detectors and Doppler radar.</p> <p>System must prepare all necessary data into a local computer, and send these to the headquarters, located in the police station.</p> <p>The device must have a type approval issued by the Directorate of Measures and Precious Metals of the Republic of Serbia.</p> <p>Requirements that housing device should fulfilled, for recording incidental situations in the traffic:</p> <p>The device must be delivered in appropriate compact housing with minimum degree of protection IP 54. Fulfill exploitation characteristics of camera in a temperature range of -20°C to +50°C</p> <p>Brackets and camera housings must be compatible and designed for outdoor use.</p>			
---	--	--	--

<p>The camera for identifying license plates must fulfill a minimum of the following conditions:</p> <p>Must be fixed and functional in all weather conditions, also in day and night conditions.</p> <p>Cameras must be appropriate to be installed on the pole on minimum 2.5 m high next to the road or on minimum 5m high above the road to provide the most favorable conditions for the operation of the camera.</p> <p>System must have a camera malfunction indication - alarm in a situation where at some period of time, there is no information from the camera.</p> <p>Cameras must be appropriate to be installed on the pole on minimum 2.5 m high next to the road or on minimum 5m high above the road to provide not to interfere with other cameras</p> <p>Cameras must be appropriate to be installed on the pole on minimum 2.5 m high next to the road or on minimum 5m high above the road to provide not to disturb safety functioning of the traffic.</p> <ul style="list-style-type: none"> • Camera Type: IP camera equipped with IC spotlight and IC filter in the housing. • Camera lens-Varifocal • Operating range minimum 5-30m • IC-pass filter, included • Communication speed ~ 20FPS (for pictures in full size) • Communication Interface: Ethernet 100Mbit • Communications ports: RS232 / Serial • Temperature range -20° C ~ 50° C • Sun protection <p>or equivalent</p> <p>Ambiental camera for identifying the brand of the vehicle must fulfill a minimum of the following conditions:</p> <p>Must be fixed and functional in all weather conditions, also in day and night conditions.</p> <p>Cameras must be appropriate to be installed on the pole on minimum 2.5</p>			
---	--	--	--

21

<p>m high next to the road or on minimum 5m high above the road to provide the most favorable conditions for the operation of the camera.</p> <p>System must have a camera malfunction indication - alarm in a situation where at some period of time, there is no information from the camera.</p> <p>Cameras must be appropriate to be installed on the pole on minimum 2.5 m high next to the road or on minimum 5m high above the road to provide not to interfere with other cameras</p> <p>Cameras must be appropriate to be installed on the pole on minimum 2.5 m high next to the road or on minimum 5m high above the road to provide not to disturb safety functioning of the traffic.</p> <p>Camera Type: IP camera equipped with IC spotlight and IC filter in the housing.</p> <p>Camera lens: Motorized Operating range 5-30m IC-pass filter, included</p> <p>Communication Interface: Ethernet 100Mbit</p> <p>Communications ports: RS232 / Serial</p> <p>Temperature range -20^o C ~ 50^oC Sun protection</p> <p>Or equivalent</p> <p>Doppler radar must fulfill the following requirements:</p> <p>General Features: Doppler radar, speed sensor for speed measurement in a stationary state</p> <p>Measuring range: minimum 20-180km / h</p> <p>Operating frequency : K or Ka range</p> <p>Communication port: RS-232</p> <p>Working conditions: -20^oC to + 50^oC, 90% relative humidity.</p> <p>Housing material - Aluminium</p> <p>Accuracy: +/- 0.3 km/h for the speed to the 100 km/h, apropos +/- 0.3% of speed for the speed above 100 km/h</p> <p>Automatic audio test: Executes every 10 minutes during the transmission of signals</p> <p>or equivalent</p>			
---	--	--	--

<p>Warranty 24 months</p> <p>Tehnička specifikacija – Uređaj za kontrolu saobraćaja:</p> <p>Uređaj za snimanje I praćenje incidentnih situacija u saobraćaju, prekršaja prekoračenja dozvoljene brzine kretanja vozila I prepoznavanje prolaska vozila na crveno svetlo. Uređaj se postavlja na samoj raskrsnici uz ostalu spoljnu opremu zaštićeno od atmosferskih i vandalskih uticaja. Uređaj mora automatski da prepozna sve prolaskе vozila pri čemu se izrađuje minimum jedna fotografija sa jasno vidljivom registarskom oznakom vozila I sledecim podacima: Podaci o kamenom mestu, datumu, vremenu, jedinstvenom identifikacionom broju (oznaka kamernog mesta, datum I redni broj prolaska u format KKKKK-GG-MM-DD-RRRRR) U slučaju identifikacije prolaza vozila brzinom većom od dozvoljene, limitirane, generiše se: Najmanje dve ambijentalne fotografije koje prikazuju pozicije vozila na putu. Fotografije identifikovanog vozila moraju sadržati čitljive meta podatke o događaju, identifikacioni broj događaja (oznaka kamernog mesta, datum I redni broj prolaska u formatu KKKKK-GG-MM-DD-RRRRR), datum, vreme, . registarska oznaka vozila, izmerena brzina, zadata limitirana brzina, lokacija, geografske koordinate. U slučaju detektovanja prekršaja prolaska vozila dok je upaljeno crveno svetlo semafora, generiše se: Najmanje dve ambijentalne fotografije koje prikazuju pozicije vozila u raskrsnici, pri čemu na fotografijama podatak o vremenu mora biti različit. Fotografije identifikovanog vozila moraju sadržati čitljive meta podatke o događaju, identifikacioni broj događaja (oznaka kamernog mesta, datum I redni broj prolaska u formatu KKKKK-GG-MM-DD-RRRRR), datum, vreme, registarska oznaka vozila, lokacija, geografske koordinate . Potreban interfejs zaštićen lozinkom, pomoću kojeg se vrši podešavanje</p>			
---	--	--	--

<p>sistema: podešavanje kamera, izbor broja slika koje sistem pravi po prepoznavanju prekršaja, unošenje potrebnih parametara za ispravan rad detektora I dopler radara. Sistem mora da spremi sve potrebne podatke u lokalni racunar i takve pošalje u centralu, koja se nalazi u stanici policije.</p> <p><u>Uredaj mora posedovati odobrenje tipa merila izdato od strane direkcije za mere I dragocene metale Republike Srbije.</u></p> <p>Zahtevi koje mora da zadovolji kućište uređaja, za snimanje incidentnih situacija u saobraćaju:</p> <p>Uredaj mora biti isporučen u odgovarajućem kućištu sa stepenom zaštite minimalno IP 54 Radna temperatura - 20° do +50° C Nosачi I kućište za kamere moraju da budu kompatibilni I namenjeni za spoljnu upotrebu.</p> <p>Kamera za prepoznavanje registarske tablice, mora da zadovolji minimalno sledeće uslove:</p> <p>Fiksne I funkcionalne u svim vremenskim uslovima ,takođe i u dnevnim I noćnim uslovima. Kamere moraju biti adekvatne da kada se montiraju na stubu na minimalnoj visini 2.5m pored kolovoza ili na minimum 5m iznad kolovoza obezbede najpovoljnije uslove za rad kamere. Sistem mora da ima indikaciju neispravnosti kamere - alarm u situaciji kada u nekom vremenskom periodu sa kamere nije primljen niti jedan podatak. Kamere moraju biti adekvatne da kada se montiraju na stubu na minimalnoj visini 2.5m pored kolovoza ili na minimum 5m iznad kolovoza ne ometaju druge kamere. Kamere moraju biti adekvatne da kada se montiraju na stubu na minimalnoj visini 2.5m pored kolovoza ili na minimum 5m iznad kolovoza ne ugrožavaju bezbedno odvijanje saobraćaja. Tip kamere: IP kamera opremljena IC reflektorima i IC filterom u kućištu Varifokalni objektiv kamere.</p>			
---	--	--	--

<p>Radni opseg: minimalno 5-30 m Filter: IC propusni, uključen. Komunikaciona brzina: ~20FPS (zaslrike u punoj veličini) Komunikacioni interfejs: Ethernet 100 Mbit Komunikacioni portovi: RS232/Serijski Temperatumi opseg: -20°C ~50°C Zaštita od sunca</p> <p>Ili ekvivalentno</p> <p>Ambijentalna kamera za prepoznavanje marke vozila mora da zadovolji minimalno sledeće uslove:</p> <p>Fiksne I funkcionalne u svim vremenskim uslovima, takođe i u dnevnim I noćnim uslovima. Kamere moraju biti adekvatne da kada se montiraju na stubu na minimalnoj visini 2.5m pored kolovoza ili na minimum 5m iznad kolovoza obezbede najpovoljnije uslove za rad kamere. Sistem mora da ima indikaciju neispravnosti kamere - alarm u situaciji kada u nekom vremenskom periodu sa kamere nije primljen niti jedan podatak. Kamere moraju biti adekvatne da kada se montiraju na stubu na minimalnoj visini 2.5m pored kolovoza ili na minimum 5m iznad kolovoza ne ometaju druge kamere. Kamere moraju biti adekvatne da kada se montiraju na stubu na minimalnoj visini 2.5m pored kolovoza ili na minimum 5m iznad kolovoza ne ugrožavaju bezbedno odvijanje saobraćaja. Tip kamere: IP kamera opremljena IC reflektorima i IC filterom u kucistu. Objektiv kamere: Motorizovani Radni opseg: minimalno 5-30 m Filter: IC propusni, uključen Komunikacioni interfejs: Ethernet 100Mbit Komunikacioni portovi: RS232/Serijski Temperaturni opseg:-20°C ~50°C Zaštita od sunca</p> <p>Ili ekvivalentno</p>			
---	--	--	--

	<p>Dopler radar mora da zadovolji sledećeuslove:</p> <p>Opšte karakteristike: dopler radar, brzinski senzor za merenje brzine u stacionarnom stanju Mereni opseg: minimalno 20-180km/h Radna frekvencija: K ili Ka opseg Komunikacioni port: RS-232 Radni uslovi : -20°C to +50°C , 90% relativna vlažnost Materijal kućišta - Alumijum Tačnost: +/- 3km/h za brzine do 100 km/h, odnosno +/- 3% za brzine preko 100 km/h. Automatski samo test: Izvršava se svakih 10 minuta tokom odašiljanja signala</p> <p>Ilii ekvivalentno</p> <p>Garancija 24 meseci</p>			
2	<p>Technical specification – Computer- Control unit in appropriate compact housing with minimum degree of protection IP 54</p> <p>Fulfil exploitation characteristics in a temperature range of -20⁰C to +50⁰C Recording and keeping stored a violations on memory of minimum media 500 GB Communications ports: minimum RJ-45 LAN Port, 2x USB 2.0 Computer –Control unit must generate all output data (photos) and to send to the server located in the local police station. Output data must consist: Number of the passage in camera spot with the meta data (mark of the camera location, date and the number of the passage in the format KKKKK-GG-MM-DD-RRRRR)</p> <p>Mark of camera location Date Time GPS coordinates of the camera location Alphanumeric data of recognized vehicle license plate, An assumed percentage of the accuracy of recognition of the license</p>	1	<input type="checkbox"/> Yes <input type="checkbox"/> No	

<p>plate (optional) Flag that offence is committed Tag that offence is committed Flag that vehicle is with a domestic or foreign license plate Mark of the country origin of the foreign license plate(optional)</p> <p>The main unit and all parts of the device must be marked with the stickers that can not be removed, which contain the following data: Type Serial number and the year of production Name of the manufacturer Approval sign</p> <p>Warranty 24 months</p> <hr/> <p>Tehnička specifikacija – Računar – kontrolna jedinica u metalnom kućištu sa stepenom zaštite minimum IP 54</p> <p>Radni uslovi : -20°C to +50°C Snimanje I čuvanje prekršaja na memorijskom mediju minimum 500GB Komunikacioni portovi: minimum RJ-45 LAN Port, 2 x USB 2.0</p> <p>Računar –kontrolna jedinica mora da generiše izlazne podatke (fotografije) I prosledi na server koji se nalazi u lokalnoj Policijskoj stanici.</p> <p>Izlazni podatak mora da sadrži: Redni broj prolaska na kamernom mestu sa meta podacima (oznaka kamernog mesta, datum I redni broj prolaska vozila u formatu KKKKK-GG-MM-DD-RRRRR Oznaka kamernog mesta Datum Vreme GPS koordinata kamernog mesta Alfanumerički podatak o prepoznatoj tablici Pretpostavljeni procenat tačnosti prepoznavanja registarske tablice (opciono) Fleg da li je učinjen prekršaj Oznaka da je učinjen prekršaj Fleg da li je vozilo sa domaćom ili stranom tablicom Fotografije sa kamernog mesta Oznaka zemlje porekla starne registarske tablice (opciono)</p>			
--	--	--	--

<p>Glavne jedinice i delovi uređaja moraju biti obeleženi nalepticama koje se ne mogu ukloniti, na kojima se nalaze sledeći podaci:</p> <p>Tip Serijski broj i godina proizvodnje Naziv Proizvođača Znak odobrenja:</p> <p>Garancija 24 meseci</p>			
---	--	--	--

Delivery requirements — Comparative Data Table

UNOPS Requirements		Is quotation compliant? Bidder to complete	Details Bidder to complete Insert details
Delivery time	Bidder shall deliver the goods and complete the services as soon as possible but latest within 25 (twenty five) calendar days but not later than 30 May 2017 after Contract signature.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Delivery place and Incoterms rules	DAP (Delivery at Place), offload included, as per Incoterms 2010, net of any direct taxes, customs duties and indirect taxes and VAT. Delivery of equipment in one place in the City of Smederevo.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Consignee details	The equipment should be delivered and offloaded in the Smederevo.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
UNOPS Right to vary requirements	At the time the Contract is awarded, UNOPS reserves the right to vary the quantity of the goods and associated services specified above, provided this does not exceed +/- 20%, without any change in the unit prices or other terms and conditions of the RFQ.	<input type="checkbox"/> Yes <input type="checkbox"/> No	

The offered goods and related services (if applicable) are in accordance with the required specifications and requirements specified in **Section III: Schedule of Requirements**.

Yes No

ANY DEVIATION MUST BE LISTED BELOW:

Name : _____

Title : _____

Date : _____

Signature : _____

2

Form D: Previous experience form

RFQ reference no: [insert RFQ reference No.] _____

Name of Bidder: [insert name of Bidder] _____

Description of services/goods	Country	Total amount of Contract	Contract Identification and Title and Contact details of Client: (Name, Address, telephone, email, fax)	Year project was undertaken

Name : _____

Title : _____

Date : _____

Signature : _____

67