

Request for Quotation

RfQ21/02370

Amendment no. 1

Ref. no. **RfQ21/02370**

Date: **2 November 2021**

Subject: Procurement of equipment for SMART System for Monitoring and Ensuring Sanitation Service Safety in Ungheni

Dear Sir/Madam,

1. UNDP Moldova is hereby amending the Solicitation document, Annex 1: SCHEDULE OF REQUIREMENTS and Annex 3: TECHNICAL AND FINANCIAL OFFER - GOODS.
2. The RFQ Section "SECTION 2: RFQ INSTRUCTIONS AND DATA", point "Deadline for the Submission of Quotation" is amended to read as follows:

Deadline for the Submission of Quotation	9 November 2021, 15:00, EET (Eastern European Time, GMT+3) If any doubt exists as to the time zone in which the quotation should be submitted, refer to http://www.timeanddate.com/worldclock/ . For eTendering submission - as indicated in eTendering system. Note that system time zone is in EST/EDT (New York) time zone.
-------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

3. Annex 1: SCHEDULE OF REQUIREMENTS is now amended to read as follows:

ANNEX 1: SCHEDULE OF REQUIREMENTS

RfQ21/02370: EU4MD/ Procurement of equipment for SMART System for Monitoring and Ensuring Sanitation Service Safety in Ungheni requires the delivery of the following goods as per attached detailed specifications.

Technical Specifications for Goods:

Item No	Minimum technical requirements	Unit	Quantity
	For Trucks		
1	Outdoor video surveillance camera 4 MP, H.265/H.264H, viewed angle min 90, infra-red min 30 m, MicroSD (up to 256GB), Day/Night, WDR (min 120dB), 3DNR, BLC, DC12V, /PoE/, Max6,2W, IP67. Temperature 30°C~+60°. Support included. Warranty 3 years.	item	12
2	SD Card 256 GB	item	12
3	Patch-cord UTP cat.5e 10 m	item	24
4	Patch-cord UTP cat.5e 1 m	item	12
5	Metal box min dimension 280x290x80 mm	item	12
6	Power supply convertor for truck	item	12
7	POE switch 4 POE ports + 2 ports uplink. 100 Mbps uplink, CCTV 10 Mbps. Thunderbolt protection. -10°C ~ 50°C. DC48~57V / 1.25 A. Warranty 3 years	item	12
8	Battery 12 V, 7 A, Warranty 1 year	item	12
9	Fasteners and connectors. Full system installation to be insured.	set	6
	On pillars		
10	Video surveillance cameras min 8MP, H.264+/H265/H265+/MJPEG, viewed angle min 80, infra-red – min 30 m, OSD IVS: ONVIF, Day/Night (ICR), BLC, HLC, WDR 120 dB, 3DNR, AWB, AGC, BLC ICR filter, DC12V/PoE/8,4W, IP-67. Temperature - 30°C~+60°. Support included. Warranty 3 years.	item	20
11	Patch-cord UTP cat.5e 10m	item	20
12	Patch-cord UTP cat.5e 1m	item	20
13	POE injector. PoE Single port PoE supplier Adapter compatible witch camera	item	20
14	Fasteners and connectors	set	20
15	Vandal proof cabinet min 40x60x24.5, IP 54, -50°C ~ +85°C	item	20
16	UPS 750VA, auto-start	item	20
17	External cable UTP cat 5e, double insulated copper	item	305
18	SWITCH POE	item	20
19	Cuprum FTP Cable	m	3000
20	Fiber optic cable	m	2200
21	Outlets	item	20
22	SC type fiber connectors	item	20
23	RJ45 connectors	item	136
24	Installation and configuration works. Full Installation that includes: - Supply, install, connect and commission surveillance and recording System, including all required works, decorative trunk, conduits, cables, wires and fittings	serv.	1
25	Training for 1 Administrator, training length shall not be less than 1 hour.	item	1
	AVE Ungheeni		
26	Video Recorder 32 Channel All channel Real Time. Registration: support up to 8 Mp. 8 X 6 SATA HDDs up to 48 TB. HDMI, VGA,2 USB (1 USB3.0), RS485, 2 RJ45. H.265, H.264, MPEG-4. Video Push. Realtime playback. Smart search. ONVIF. Backup on USB. iPhone, iPad, Android, Windows Phone. Size: 1U, Power supply AC100V ~ 240V, 50 ~ 60 Hz. Warranty 3 years.	item	1
27	HDD 8TB	item	3
28	Patch-cord UTP cat.5e 1m	item	10
29	UPS APC Back-UPS BC750-RS 750VA	item	1
30	19" Rack-Mount 6U/600*450	item	1

31	HDMI Cable DP to HDMI or HDMI to HDMI 10.0m	item	2
32	Smart TV Screen size: 43" Display technology: LED, Standard HDR: 10+, Screen resolution: 3840 x 2160, Type screen resolution: 4K, Weight: approx. 8 kg, Speaker power: 2x 10 W, Other connections: CI +	item	2
33	TV Full motion Wall Mount compatible VESA 400x400, Screen 32"-55" Load 30 Kg, Profile 62-422mm, Tilt +3°~-10°, Swivel +90°~-90°	item	2
34	Monitor 27" TFT VA LED Curved 1800R, WIDE 16:9, 4ms, 3000:1, AMD Radeon FreeSync, 1920x1080 Full HD, HDMI/D-Sub (monitor)	item	2
35	Computer PC (Processor Intel Core i5 or similar / 8GB DDR4 / 1TB HDD+256GB SSD / Integrated Graphics / DVD-RW(optional) / Display or HDMI ports / LAN / Keyboard&Mouse / Windows 10 Pro 64-bit	item	2
36	<p>GPS Tracker for solid waste management vehicles to support data reading (sensors for fuel consumption, speed of the vehicles, temperature) required to ensure the optimisation process (routes and reschedule tucks loading/servicing more effectively), increase the productivity and decrease vehicle service costs. Mobile Tracking Services via GPS Trackers (6 services)</p> <p>GPS-enabled monitoring services of mobile objects must provide the following:</p> <ul style="list-style-type: none"> - Active control of the vehicles fleet; - Checking the routes carried out by the envisaged vehicles fleet; - Elimination (or maximum reduction) of out of zone routes designed for personal purposes. Ensure the Usage Outside Permitted Zone Report; - Checking the current status: while driving (speed of the truck), stationary of the vehicle with/without running the engine. Ensure the Total Distance, Speed, Over Speed and Stationary Summary Report; - Fast data on the distance travelled, stationary duration with the running engine for each vehicle. Ensure the Mileage and Stoppage Alert Summary Report; - Live vision: real time vehicles position for a more efficient coordination of the routes until the final destination; - Reducing vehicles fleet/fixed assets degradation/depreciation fleet. <p>Delivery reports:</p> <ol style="list-style-type: none"> 1. History Analysis – visualizing the routes carried out in a specific timeframe <ul style="list-style-type: none"> - visualizing route departure and arrival points and departure and arrival time, - calculation of total distances and total mileage carried out. 2. Stoppage Alert Report <ul style="list-style-type: none"> - engine condition: indicating the location and duration of the running/stopped engines. This report should permit the identification of the Stoppage times with/without the running engines, location, time. It should be generated for any period chosen by the user. 	item	6

	<p>3. Equipment condition (Operation Report)</p> <ul style="list-style-type: none"> - status of the lights/beacon: on/off indicating the location and time. This report should permit the identification of the operating times with / without the running engine, location, time. should permit the identification of the Stoppage times with/without the running engines, location, time. It should be generated for any period chosen by the user. <p>4. The information will be stored by the provider and may be accessible for an unlimited period of time, guaranteeing the storage of data, their integrity and confidentiality. The information in the reports can be exported in Excel and .pdf formats.</p> <ul style="list-style-type: none"> - Measurement errors (deviations): max 3% - The provider must ensure the configuration within max. one month after signing the contract. <p>The proposed equipment must ensure:</p> <ul style="list-style-type: none"> - Presence of EC and E26 Certificate (European Certificates) - Equipment condition: last transmission, last valid transmission; - Alerting the moment of unauthorized disconnection of the GPS antenna module; - Storing data in the internal memory of the module/drive at the time of the dropped GPRS connection signal/data transmission channel, allowing immediate export of data after the communication channel restoration; - Inner geo-zones - Detection of GSM signal blockage; <p>Ensuring the transmission of all data via GSM;</p> <ul style="list-style-type: none"> - Different SMS functions - Remote configuration - Information transmission to two different IP addresses simultaneously (1- GPS Monitoring Software, 2- Alarm Monitoring Dispatcher) - Immediate display of Road Accidents. 		
37	<p>Fasteners and connectors.</p> <p>Full system installation to be insured.</p>	set	1

4. Annex 3 TECHNICAL AND FINANCIAL OFFER - GOODS is now amended to read as follows:

ANNEX 3: TECHNICAL AND FINANCIAL OFFER - GOODS

Bidders are requested to complete this form, sign it and return it as part of their bid along with Annex 2: Quotation Submission Form. 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.

Name of Bidder:	Click or tap here to enter text.	
RFQ reference:	RfQ21/02370: EU4MD/ Procurement of equipment for SMART System for Monitoring and Ensuring Sanitation Service Safety in Ungheni	Date: Click or tap to enter a date.

Currency of the Quotation: USD United States Dollars INCOTERMS: DDP					
Item No	Description	UOM	Qty	Unit price	Total price
	For Trucks				
1	Outdoor video surveillance camera 4 MP, H.265/H.264H, viewed angle min 90, infra-red min 30 m, MicroSD (up to 256GB), Day/Night, WDR (min 120dB), 3DNR, BLC, DC12V, /PoE/, Max6,2W, IP67. Temperature 30°C~+60°. Support included. Warranty 3 years.	item	12		
2	SD Card 256 GB	item	12		
3	Patch-cord UTP cat.5e 10 m	item	24		
4	Patch-cord UTP cat.5e 1 m	item	12		
5	Metal box min dimension 280x290x80 mm	item	12		
6	Power supply convertor for truck	item	12		
7	POE switch 4 POE ports + 2 ports uplink. 100 Mbps uplink, CCTV 10 Mbps. Thunderbolt protection. - 10°C ~ 50°C. DC48~57V / 1.25 A. Warranty 3 years	item	12		
8	Battery 12 V, 7 A, Warranty 1 year	item	12		
9	Fasteners and connectors. Full system installation to be ensured.	set	6		
	On pillars				
10	Video surveillance cameras min 8MP, H.264+/H265/H265+/MJPEG, viewed angle min 80, infra-red – min 30 m, OSD IVS: ONVIF, Day/Night (ICR), BLC, HLC, WDR 120 dB, 3DNR, AWB, AGC, BLC ICR filter, DC12V/PoE/8,4W, IP-67. Temperature - 30°C~+60°. Support included. Warranty 3 years.	item	20		
11	Patch-cord UTP cat.5e 10m	item	20		
12	Patch-cord UTP cat.5e 1m	item	20		
13	POE injector. PoE Single port PoE supplier Adapter compatible witch camera	item	20		
14	Fasteners and connectors	set	20		
15	Vandal proof cabinet min 40x60x24.5, IP 54, -50°C ~ +85°C	item	20		
16	UPS 750VA, auto-start	item	20		
17	External cable UTP cat 5e, double insulated copper	item	305		
18	SWITCH POE	item	20		
19	Cuprum FTP Cable	m	3000		
20	Fiber optic cable	m	2200		
21	Outlets	item	20		
22	SC type fiber connectors	item	20		
23	RJ45 connectors	item	136		
24	Installation and configuration works. Full Installation that includes: - Supply, install, connect and commission surveillance and recording System, including all required works, decorative trunk, conduits, cables, wires and fittings	serv.	1		
25	Training	item	1		

Currency of the Quotation: USD United States Dollars INCOTERMS: DDP					
Item No	Description	UOM	Qty	Unit price	Total price
	- Training for 1 Administrator is needed. - Training length shall not be less than 1 hour.				
	AVE Ungheni				
26	Video Recorder 32 Channel All channel Real Time. Registration: support up to 8 Mp. 8 X 6 SATA HDDs up to 48 TB. HDMI, VGA, 2 USB (1 USB3.0), RS485, 2 RJ45. H.265, H.264, MPEG-4. Video Push. Realtime playback. Smart search. ONVIF. Backup on USB. iPhone, iPad, Android, Windows Phone. Size: 1U, Power supply AC100V ~ 240V, 50 ~ 60 Hz. Warranty 3 years.	item	1		
27	HDD 8TB	item	3		
28	Patch-cord UTP cat.5e 1m	item	10		
29	UPS APC Back-UPS BC750-RS 750VA	item	1		
30	19" Rack-Mount 6U/600*450	item	1		
31	HDMI Cable DP to HDMI or HDMI to HDMI 10.0m	item	2		
32	Smart TV Screen size: 43" Display technology: LED Standard HDR: 10+ Screen resolution: 3840 x 2160 Type screen resolution: 4K Weight: approx. 8 kg Speaker power: 2x 10 W Other connections: CI +	item	2		
33	TV Full motion Wall Mount compatible VESA 400x400, Screen 32"-55" Load 30 Kg, Profile 62-422mm, Tilt +3°~-10°, Swivel +90°~-90°	item	2		
34	Monitor 27" TFT VA LED Curved 1800R, WIDE 16:9, 4ms, 3000:1, AMD Radeon FreeSync, 1920x1080 Full HD, HDMI/D-Sub (monitor)	item	2		
35	Computer PC (Processor Intel Core i5 or similar / 8GB DDR4 / 1TB HDD+256GB SSD / Integrated Graphics / DVD-RW(optional) / Display or HDMI ports / LAN / Keyboard&Mouse / Windows 10 Pro 64-bit	item	2		
36	Mobile Tracking Services via GPS Trackers for solid waste management vehicles to support data reading (sensors for fuel consumption, speed of the vehicles, temperature). GPS-enabled monitoring services of mobile objects must provide the following: - Active control of the vehicles fleet; - Checking the routes carried out by the envisaged vehicles fleet;	item	6		

Currency of the Quotation: USD United States Dollars
INCOTERMS: DDP

Item No	Description	UOM	Qty	Unit price	Total price
	<ul style="list-style-type: none"> - Elimination (or maximum reduction) of out of zone routes designed for personal purposes. Ensure the Usage Outside Permitted Zone Report; - Checking the current status: while driving (speed of the truck), stationary of the vehicle with/without running the engine. Ensure the Total Distance, Speed, Over Speed and Stationary Summary Report; - Fast data on the distance travelled, stationary duration with the running engine for each vehicle. Ensure the Mileage and Stoppage Alert Summary Report; - Live vision: real time vehicles position for a more efficient coordination of the routes until the final destination; - Reducing vehicles fleet/fixed assets degradation/depreciation fleet. <p>Delivery reports:</p> <p>1. History Analysis – visualizing the routes carried out in a specific timeframe</p> <ul style="list-style-type: none"> - visualizing route departure and arrival points and departure and arrival time, - calculation of total distances and total mileage carried out. <p>2. Stoppage Alert Report</p> <ul style="list-style-type: none"> - engine condition: indicating the location and duration of the running/stopped engines. This report should permit the identification of the Stoppage times with/without the running engines, location, time. It should be generated for any period chosen by the user. <p>3. Equipment condition (Operation Report)</p> <ul style="list-style-type: none"> - status of the lights/beacon: on/off indicating the location and time. This report should permit the identification of the operating times with / without the running engine, location, time. should permit the identification of the Stoppage times with/without the running engines, location, time. It should be generated for any period chosen by the user. <p>4. The information will be stored by the provider and may be accessible for an unlimited period of time, guaranteeing the storage of data, their integrity and confidentiality. The information in the reports can be exported in Excel and .pdf formats.</p> <ul style="list-style-type: none"> - Measurement errors (deviations): max 3% - The provider must ensure the configuration within max. one month after signing the contract. <p>The proposed equipment must ensure:</p> <ul style="list-style-type: none"> - Presence of EC and E26 Certificate (European Certificates) 				

Currency of the Quotation: USD United States Dollars INCOTERMS: DDP					
Item No	Description	UOM	Qty	Unit price	Total price
	<ul style="list-style-type: none"> - Equipment condition: last transmission, last valid transmission; - Alerting the moment of unauthorized disconnection of the GPS antenna module; - Storing data in the internal memory of the module/drive at the time of the dropped GPRS connection signal/data transmission channel, allowing immediate export of data after the communication channel restoration; - Inner geo-zones - Detection of GSM signal blockage; Ensuring the transmission of all data via GSM; - Different SMS functions - Remote configuration - Information transmission to two different IP addresses simultaneously (1- GPS Monitoring Software, 2- Alarm Monitoring Dispatcher) - Immediate display of Road Accidents. 				
37	Fasteners and connectors. Full system installation to be ensured.	set	1		

Compliance with Requirements

	You Responses		
	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter - offer
Maximum delivery period not to exceed 60 calendar days upon signature of contract.	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Minimum Technical Specifications	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Delivery Term (INCOTERMS)	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Warranty period (Minimum 24 months of warranty on both parts and labor, unless otherwise stated in the Minimum technical requirements)	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Authorized Service Centre to be provided	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Validity of Quotation 90 calendar days	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
All Provisions of the UNDP General Terms and Conditions	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.

I, the undersigned, certify that I am duly authorized to sign this quotation and bind the company below in event that the quotation is accepted.

Exact name and address of company	Authorized Signature: _____
Company NameClick or tap here to enter text.	_____

Address: Click or tap here to enter text. Click or tap here to enter text. Phone No.: Click or tap here to enter text. Email Address: Click or tap here to enter text.	Date: Click or tap here to enter text. Name: Click or tap here to enter text. Functional Title of Authorised Signatory: Click or tap here to enter text. Email Address: Click or tap here to enter text.
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

5. Amended Annex 1: SCHEDULE OF REQUIREMENTS and Annex 3: TECHNICAL AND FINANCIAL OFFER - GOODS of Request for Quotation no. RfQ21/02370 are hereby attached.
6. All other terms and conditions of the solicitation documents, except as amended herein, shall remain unchanged and shall continue in full force and effect.