



REQUEST FOR QUOTATION (RFQ/043/19)

NAME & ADDRESS OF FIRM	DATE: July 15, 2019
	REFERENCE: RFQ/043/19 – Tender for supply and installation of Audio and Video Conference Communication System in the Ministry of Water Resources of the Republic of Uzbekistan

Dear Sir / Madam:

We kindly request you to submit your quotation for supply and installation of Audio and Video Conference Communication System in the Ministry of Water Resources of the Republic of Uzbekistan, as detailed in Annex 1 of this RFQ. When preparing your quotation, please be guided by the form attached hereto as Annex 2.

Quotations may be submitted on or before 18:00 GMT +5 **August 26, 2019** and via ☒ e-mail bids.uz@undp.org¹ or courier mail to the address below:

United Nations Development Programme
Republic of Uzbekistan, Tashkent, 100029, Taras Shevchenko Street 4
Procurement Unit UNDP Uzbekistan
Tel: +99871 1203450

Quotations submitted by email must be limited to a maximum of 15 MB, virus-free and no more than *[indicate number]* email transmissions. They must be free from any form of virus or corrupted contents, or the quotations shall be rejected. The following must be on the subject of email with your quotation being sent to bids.uz@undp.org:

RFQ/043/19 – Tender for supply and installation of Audio and Video Conference Communication System in the Ministry of Water Resources of the Republic of Uzbekistan²

If you submit your quotation to the above specified address, you shall ensure marking the envelope as follows:

“TO: UNDP in Uzbekistan
ATTENTION: QUOTATION OPENING UNIT
SEALED QUOTATION: RFQ/043/19
VENDOR: (NAME AND ADDRESS OF YOUR COMPANY)
SUBMISSION DEADLINE: **18.00 (Tashkent time (GMT+5), August 26, 2019)**
“Quotations shall not be opened at entrance desk”

It shall remain your responsibility to ensure that your quotation will reach the address above on or before the deadline. Quotations that are received by UNDP after the deadline indicated above, for whatever reason, shall not be considered for evaluation. If you are submitting your quotation by email, kindly ensure that they are signed and in the .pdf format, and free from any virus or corrupted files.

¹ Quotations submitted to other emails will not be accepted and will be declined

² Quotations that do not contain the specified subject or reference to the tender number in the subject line of e-mail message will not be opened and will be rejected

Please take note of the following requirements and conditions pertaining to the supply of the abovementioned good/s:

Delivery Terms [INCOTERMS 2010]	All works shall be performed at the address specified below	
Customs clearance, if needed, shall be done by:	N/A	
Exact Address/es of Delivery Location/s (identify all, if multiple)	Ministry of Water Resources of Uzbekistan, Block A, 39, Kori Niyoziy street, Mirzo Ulugbek district, 100005, Tashkent and “Nije Sirdarinskiy” Basin Irrigation Systems Association, 127, Khondamir street, Gulistan city	
UNDP Preferred Freight Forwarder, if any	N/A	
Distribution of shipping documents (<i>if using freight forwarder</i>)	The company must provide quality of certificates or other quality confirming documents for construction materials and other materials which will be used in construction site.	
Latest Expected Delivery Date and Time (<i>if delivery time exceeds this, quote may be rejected by UNDP</i>)	<p>Not later than 85 calendar days from the date of contract signature by both parties.</p> <p>The Contractor must to commence the works during (3) three days upon signing the contract by both parties and substantially complete the works not later than indicated deadline.</p>	
Delivery Schedule	<input checked="" type="checkbox"/> Required Bidder is required to submit detailed schedule of works.	
Packing Requirements	The company must provide a high-quality and safe transportation of construction materials and equipment)	
Mode of Transport	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> LAND
	<input type="checkbox"/> SEA	<input type="checkbox"/> OTHER
Preferred Currency of Quotation	<input checked="" type="checkbox"/> United States Dollars, for Foreign Suppliers (registered out of Uzbekistan) <input checked="" type="checkbox"/> Local Currency: Uzbek Soums (UZS), for Local Suppliers (registered in Uzbekistan)	
Value Added Tax on Price Quotation	<input checked="" type="checkbox"/> Must be exclusive of VAT and other applicable indirect taxes	
After-sales services required	<input checked="" type="checkbox"/> The minimum term of warranty for all construction-installation works and materials 1 (one) year after commissioning <input checked="" type="checkbox"/> Quality guarantee for equipment valid for 24 (twenty-four) months from the date of signing by the parties of the Site Acceptance Certificate	
Deadline for the Submission of Quotation	18.00 Tashkent time (GMT +5), Monday, August 26, 2019	
All documentations, including catalogs, instructions and operating manuals, shall be in this language	<input checked="" type="checkbox"/> English OR <input checked="" type="checkbox"/> Russian Documents submitted in a language other than English and/or Russian must have an English or Russian translation.	

Documents to be submitted	<p><input checked="" type="checkbox"/> Duly Accomplished Form as provided in Annex 2, and in accordance with the list of requirements in Annex 1;</p> <p><input checked="" type="checkbox"/> Declaration of owners' interest in other companies using form provided in Part 2 of Annex 2;</p> <p><input checked="" type="checkbox"/> Company's profile with detailed information (name of the company, address, contact details etc.) using form provided in Part 3 of Annex 2;</p> <p><input checked="" type="checkbox"/> At least 2 contracts for supply of similar works (creation of Audio and Video Conference Communication System) successfully performed in the last 3 years;</p> <p><input checked="" type="checkbox"/> A statement whether any import or export licenses are required in respect of the goods to be purchased including any restrictions on the country of origin, use/dual use nature of goods or services, including and disposition to end users³;</p> <p><input checked="" type="checkbox"/> Quality Certificates (ISO, main technical characteristics of the supplied equipment and available certificates and etc.);</p> <p><input checked="" type="checkbox"/> Latest Business Registration Certificate;</p> <p><input checked="" type="checkbox"/> Copy of the page from company's Charter where the information on company founders is provided;</p> <p><input checked="" type="checkbox"/> Written Self-Declaration of not being included in the UN Security Council 1267/1989 list, UN Procurement Division List or other UN Ineligibility List.</p> <p><input checked="" type="checkbox"/> Service possibilities of delivered Audio and Video Conference Communication System under conditions of post-warranty annual or other periodic maintenance in Uzbekistan⁴</p> <p>Failure to provide any of the above specified documents will serve as a ground for disqualifying the Offeror from the tender by declaring it as technically non-compliant.</p>
List of documents to be requested by UNDP additionally from the three lowest priced bid Offerors ⁵	<p><input checked="" type="checkbox"/> (a) Copy of Financial Reports, certified by a third party (tax agency or other authorized body), for the last 2 (two) years,</p> <p>OR</p> <p>(b) a bank statement from Offeror's bank, issued not more than 30 days prior the bid submission or quotation date, confirming that company has available or has access to liquid assets (asset that can be readily converted into cash), to meet the construction/supply cash flow for the contract of not less than Offeror's bid value.</p>

³ Mandatory for the supply of imported goods

⁴ The equipment offered by a Bidder must have the service warranty on the territory of the Republic of Uzbekistan (the service center must have an Authorization of the Manufacturer for the right to carry out repair and service work).

⁵ Failure to provide any of the above specified documents will serve as a ground for disqualifying the Offeror from the tender by declaring it as technically non-compliant

Period of Validity of Quotes starting the Submission Date	<input checked="" type="checkbox"/> 90 days In exceptional circumstances, UNDP may request the Vendor to extend the validity of the Quotation beyond what has been initially indicated in this RFQ. The Proposal shall then confirm the extension in writing, without any modification whatsoever on the Quotation.
Partial Quotes	<input checked="" type="checkbox"/> Not permitted, partial quotes will be rejected
Payment Terms	<input checked="" type="checkbox"/> Local Currency: for Local Suppliers will be paid in Uzbek Soums by bank transfer in the following term: Monthly payment upon completion actual of works and signature of acceptance act by both parties, submission of payment invoice by the Contractor and acceptance by UNDP. <input checked="" type="checkbox"/> United States Dollars: for Foreign Suppliers will be paid in US Dollars by bank transfer in the following term⁶: Monthly payment upon completion actual of works and signature of acceptance act by both parties, submission of payment invoice by the Contractor and acceptance by UNDP.
Liquidated Damages	0,5% of total contract amount for every day of delay, up to a maximum 10% of the contract amount. The contract may be terminated thereafter or after one month of delay, whichever occurs earlier.
Evaluation Criteria	<input checked="" type="checkbox"/> Technical responsiveness/Full compliance to requirements and lowest price ⁷ <input checked="" type="checkbox"/> Full acceptance of the PO/Contract General Terms and Conditions <i>[this is a mandatory criteria and cannot be deleted regardless of the nature of services required]</i> <input checked="" type="checkbox"/> Strong financial position: (a) Liquidity ratio for the last two years not less than 1, if financial reports were presented, OR (b) Confirmation from bank regarding strong financial <input checked="" type="checkbox"/> At least 2 contracts for provision of similar works successfully performed in the last 3 years; <input checked="" type="checkbox"/> Demonstrated availability of a permanent office reachable via landline telephone and permanent staff of at least 8 persons and service center.
UNDP will award to:	<input checked="" type="checkbox"/> One and only one supplier
Type of Contract to be Signed	<input checked="" type="checkbox"/> Purchase Order <input checked="" type="checkbox"/> Contract Face Sheet (Goods and-or Services) UNDP

⁶

⁷ UNDP reserves the right not to award the contract to the lowest priced Quotation, if the second lowest price among the responsive Quotation is found to be more superior, and the price is higher than the lowest priced compliant offer by not more than 10%, and the budget can cover the price difference. The term "more superior" as used in this provision shall refer to Quotations that have exceeded the pre-determined requirements established in the specifications.

Contract General Terms and Conditions	<input checked="" type="checkbox"/> General Terms and Conditions for contracts (goods and/or services) Applicable Terms and Conditions are available at http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html Non-acceptance of the terms of the General Terms and Conditions (GTC) shall be grounds for disqualification from this procurement process
Special conditions of Contract	<input checked="" type="checkbox"/> Cancellation of PO/Contract if the delivery/completion is delayed by 30 days
Conditions for Release of Payment	<input checked="" type="checkbox"/> Written Acceptance of Goods based on full compliance with RFQ requirements
Annexes to this RFQ ⁸	<input checked="" type="checkbox"/> Specifications of the Goods Required and work scope (Annex 1) <input checked="" type="checkbox"/> Form for Submission of Quotation (Annex 2) <input checked="" type="checkbox"/> General Terms and Conditions / Special Conditions (Annex 3). Non-acceptance of the terms of the General Terms and Conditions (GTC) shall be grounds for disqualification from this procurement process.
Post-qualification Actions	<input checked="" type="checkbox"/> Verification of accuracy, correctness and authenticity of the information provided by the bidder on the legal, technical and financial documents submitted <input checked="" type="checkbox"/> Inquiry and reference checking with Government entities with jurisdiction on the bidder, or any other entity that may have done business with the bidder <input checked="" type="checkbox"/> Inquiry and reference checking with other previous clients on the quality of performance on ongoing or previous contracts completed <input checked="" type="checkbox"/> Physical inspection of the bidder's plant, factory, branches or other places where business transpires, with or without notice to the bidder

⁸ Where the information is available in the web, a URL for the information may simply be provided.

Contact Person for Inquiries (Written inquiries only) ⁹	<p>UNDP CO Uzbekistan, Procurement Unit 4, Taras Shevchenko Street, 100029, Tashkent city Fax: (+998 71) 1203450 E-mail: pu.uz@undp.org</p> <p>Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.</p>
Other:	<p>Offers submitted by two (2) or more Offerers shall all be rejected if they are found to have <u>any</u> of the following:</p> <ul style="list-style-type: none"> • they have at least one controlling partner, director or shareholder in common; or • any one of them receive or have received any direct or indirect subsidy from the other/s; or • they have the same legal representative for purposes of this RFQ; • they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about, or • influence on the Offer of, another Offerer regarding this RFQ process; • they are subcontractors to each other's Offer, or a subcontractor to one Offer also submits another Proposal under its name as lead Offerer; or an expert proposed to be in the team of one Offerer participates in more than one Offer received for this RFQ process. This condition does not apply to subcontractors being included in more than one Offer.

Goods offered shall be reviewed based on completeness and compliance of the quotation with the minimum specifications described above and any other annexes providing details of UNDP requirements.

The quotation that complies with all of the specifications, requirements and offers the lowest price, as well as all other evaluation criteria indicated, shall be selected. Any offer that does not meet the requirements shall be rejected.

Any discrepancy between the unit price and the total price (obtained by multiplying the unit price and quantity) shall be re-computed by UNDP. The unit price shall prevail and the total price shall be corrected. If the supplier does not accept the final price based on UNDP's re-computation and correction of errors, its quotation will be rejected.

After UNDP has identified the lowest price offer, UNDP reserves the right to award the contract based only on the prices of the goods in the event that the transportation cost (freight and insurance) is found to be higher than UNDP's own estimated cost if sourced from its own freight forwarder and insurance provider.

⁹ This contact person and address is officially designated by UNDP. If inquiries are sent to other person/s or address/es, even if they are UNDP staff, UNDP shall have no obligation to respond nor can UNDP confirm that the query was received.

At any time during the validity of the quotation, no price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted by UNDP after it has received the quotation. At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.

Any Purchase Order that will be issued as a result of this RFQ shall be subject to the General Terms and Conditions attached hereto. The mere act of submission of a quotation implies that the vendor accepts without question the General Terms and Conditions of UNDP herein attached as Annex 3.

UNDP is not bound to accept any quotation, nor award a contract/Purchase Order, nor be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.

Please be advised that UNDP's vendor protest procedure is intended to afford an opportunity to appeal for persons or firms not awarded a purchase order or contract in a competitive procurement process. In the event that you believe you have not been fairly treated, you can find detailed information about vendor protest procedures in the following link: <http://www.undp.org/procurement/protest.shtml>.

UNDP encourages every prospective Vendor to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ.

UNDP implements a zero tolerance on fraud and other proscribed practices, and is committed to identifying and addressing all such acts and practices against UNDP, as well as third parties involved in UNDP activities. UNDP expects its suppliers to adhere to the UN Supplier Code of Conduct found in this link : http://www.un.org/depts/ptd/pdf/conduct_english.pdf

Thank you and we look forward to receiving your quotation.

Sincerely yours,

Procurement Unit

[Designation]

[Click here to enter a date]

SCOPE OF WORK

for Creation of Audio and Video Conference Communication System in the Ministry of Water Resources of the Republic of Uzbekistan

General information

For the operational management of subordinate structures of the Ministry it is provided under the implementation scheme of this Project to equip with **audio and video conference communication system** the small conference room of the Ministry and Lower Syrdarya BAIS, including the following systems:

1. Display system, in set with:

- Collective display tool.

2. VCC and sound reinforcement system, in set with:

- congress-class system;
- sound reinforcement subsystem;
- audio-conference communication subsystem;
- video-conference communication (VCC) subsystem of high resolution.

ROOM WITH VCC SYSTEM IN THE MINISTRY

1. Collective display tool

Video(display)wall should be used with the following specifications as the main source of video display for all attendees in the room:

- Video panel size is 55" (with diagonal of 55 inches);
- Video(display)wall format is 2x2 (4 video panels);
- Inter-panel seam (gap between edges of images) is not more than 3.6 mm;
- Resolution of each video panel is not less than 1920x1080 pixels;
- Brightness is not less than 350 cd/m²;
- Contrast ratio is not less than 1000:1;
- Frequency is not less than 100 Hz;
- Viewing angle is not less than 170°;
- Total resolution of the video(display)wall (without a separate controller) is 1920x1080;
- Source of image for the video(display)wall is HDMI output of PC (distance from the PC to the video(display)wall is 10 m);
- Display generation controller is built into the video panels;
- Operating mode of the video(display)wall is twenty-four-seven (24/7);
- Set of power and patch cables for assembling the video(display)wall and connecting to the PC – provided in package;
- Wall mounting for the video(display)wall - provided in package;
- Set of necessary HDMI cables.

2. Microphone sound reinforcement system

Sound reinforcement system must provide the use of hardwire communication means in the room. Sound system of the room should include the acoustic systems with cut-in mounting – not less than 6 pieces, as well as amplifiers and controllers of required quantity. Controllers must have a built-in function of acoustic

performance presets. Acoustic systems (speakers) must be at least 100v/20watt, 16ohm/100w each. Amplifiers must have at least 6 separate output channels with minimum capacity of 80 W each at a load of 16 ohm. Acoustic systems must be mounted permanently into the ceiling.

For mixing, dynamic audio processing and switching audio signals it is necessary to use the digital matrix audio system with configurable number of audio inputs and audio outputs. The mixing amplifier must be at least 6-zone 100V switching mixing amplifier of 240W /100 volt.

Programming (software) environment of the system must be able to create configurations enabling mixing of several input audio signals in one mixer with following output to certain audio output signals. In addition, the programming environment must have the standard symbols – dynamic audio signal processing devices, in particular limiter/compressor and acoustic feedback suppressor. Because of using the room of the video-conference system, the system must be provided with echo suppression input.

The used digital matrix audio system must have a function of remote control both by means of using the special software and by means of an external control device via the standard RS-232/422/485 or Telnet interface.

All equipment must have the necessary set of All equipment must have the necessary set of switching interfaces, cables, connectors. Sound amplification system must provide for connection and transmission of sound from external data carriers (personal computer, voice recorder, portable players, etc.).

3. Conference system

It is necessary to provide the individual microphones for participants sitting at the top table. Digital conference system should be used for sound reinforcement of participants' speeches and regulating presentations. The number of personal consoles must be 13 sets.

The direct purpose of the conference system is to be:

- sound reinforcement of speaker's voice;
- sound transmission to full-in system.

Conference system shall be composed of at least 13 consoles of delegates + 1 console of a chairman. Central unit of the conference system shall be placed in server cabinet together with other equipment and must have at least 4 separate lines for connection of system consoles and function of remote control. Central unit of the conference system must provide a functionality of transmitting at least 32 channels of sound (quality of the sound should be lower than 24 bits @ 32kHz), and number of simultaneously switched on microphones shall be at least 8.

Controlling the conference system should be possible on operator's workplace. All All switching of the conference system must be done with FTP twisted pair cable (shielded).

4. Video Conference System

Video codec with built-in PTZ camera should be used as conference system equipment.

Technical specifications of the built-in PTZ camera:

- Wide angle lens
- Not less than 9x Zoom
- Not less than Full HD 1080p video
- +/- 23° tilt
- +/- 90° panorama
- Not less than 70° field of vision
- Presets to quickly move positions

Technical specifications of the codec:

- Built-in MCU, supporting conferences modes for up to 3 participants and with local SIP mixing,
- Built-in Bluetooth to connect Bluetooth speakers/microphones , keyboards, data exchange, etc.,
- Supporting 2 screens with 2 HDMI outputs,
- HDMI output to connect computer for displaying presentations,
- Function of video-conference recording.

5. Other equipment

For installation of the equipment the telecommunications cabinet is required. Floor standing telecommunications cabinet is designed for the installation of networking, telecommunications, and auxiliary mounting equipment of 19", and with 24 units. Supporting structure is to be with sheet steel of 1.5 mm. the cabinet shall be covered (roof, back wall, side walls, door) with sheet steel of 1 mm. The cabinet is designed for the indoor operation at the temperature of an ambient air from +5°C to +40°C and at relative humidity of ambient air as 80% at 25°C. Level of protection should be IP20.

VCC SYSTEM ROOM IN LOWER SYRDARYA BAIS

1. Collective display tool

Display with at least 65 inches diagonal (mounted on ceiling) should be used as the main source of video display for all attendees in the room.

Technical specifications of LCD panels:

- Not less than Full HD
- Screen size is at least 65 inches
- Resolution is 1920x1080
- Brightness is not less than 600 cd/m²
- Contrast ratio is not less than 5000:1
- Response time (gray-gray) is maximum 10 ms.
- Viewing angle (horizontal and vertical) is not less than 170°.
- Mini D-Sub outputs' types are 15 pin In/Out, HDMI, DVI-D, BNC (R, G, B, H, V) In/out
- Wall mounting for the video(display)wall is provided in package.
- Set of necessary HDMI cables.

2. Video Conference System

Video codec with built-in PTZ camera should be used as conference system equipment.

Technical specifications of the built-in PTZ camera:

Wide angle lens

- Wide angle lens
- Not less than 9x Zoom
- Not less than Full HD 1080p video
- +/- 23° tilt
- +/- 90° panorama
- Not less than 70° field of vision
- Presets to quickly move positions

Technical specifications of the codec:

- Built-in MCU, supporting conferences modes for up to 3 participants and with local SIP mixing,
- Built-in Bluetooth to connect Bluetooth speakers/microphones, keyboards, data exchange, etc.,
- Supporting 2 screens with 2 HDMI outputs,
- HDMI output to connect computer for displaying presentations,
- Function of video-conference recording

3. Audio conference system

It is necessary to provide a collective wired audio capture and playback device with 3 cardioid microphones, with a sound capture distance of at least 3.5 m.

The immediate functions of the conference system in conjunction with the VCC system should include:

- Capturing speaker's voice;
- Streaming the sound to VCC system through Bluetooth connection;
- Voice reproduction of remote speaker.

The functions of the audio conference system as an independent facility include:

- Supporting SIP telephony (up to 6 SIP accounts)
- Support for 7-party conference.

Additional functions of the audio conference system:

- Full HD sound
- Possibility to download an application from Google Play Store (Skype and other messengers)
- Possibility of device extension through cascade connection of a second device
- Gigabit Ethernet with PoE

Warranty obligations

When technical defects are detected, the Supplier shall provide a qualified specialist to the company in order to proceed with the diagnosis and correction of technical defects as soon as possible, but in any case not later than two (2) working days at the place of mounting the equipment. Further, the Supplier will take all necessary measures to eliminate the technical defect and must ensure the elimination of these technical defects within five (5) days at the place of mounting the equipment.

All costs for sending and receiving equipment to the service center shall be borne by the Contractor.

The warranty period is **24 months**.

Submitted proposal should include: the name of the authorized service centers and their addresses, as well as the scheme of warranty service (mandatory requirement).

Special conditions

Contractor takes assumes the following obligations:

-ensuring the delivery, mounting, testing and commissioning of equipment, and training of the personnel.

- production and quality of all types of work in full compliance with the scope of work, technical specifications, construction norms and rules, as well as other applicable regulations;
- timely elimination of deficiencies and defects identified during the acceptance of works and during the warranty period of facility operation;
- purchase and installation of new equipment to perform work on the site;
- individual testing of the installed equipment and taking part in its complex testing in the presence of Client's representative.
- providing the Client with acts of the mounted equipment, as well as with acts of acceptance and transfer of the mounted equipment.
- ensure proper protection of materials, equipment and other property on the area of construction of the facility until the full completion of works and their acceptance by the Client.
- cleaning facility construction site and directly adjacent territory upon completion of works, within 5-day period from the date of facility acceptance remove from the construction site construction materials, machinery, equipment and other property owned by the Contractor, as well as construction debris.
- at the request of the Client, fix for free all identified defects, if in the process of works execution the Contractor has made a deviation from the terms of the contract, which worsened the quality of work, within 10 (ten) calendar days, starting from the date of delivery in writing by the Client of relevant claims to the Contractor.

All purchased and supplied construction materials and equipment must be new, original manufacture, and without previous operation.

The purchased and supplied equipment must have internal sealing of components in the places of their connections or fasteners for the possibility of organizing subsequent maintenance.

All purchased and supplied for the works materials and equipment must have the appropriate certificates, technical passports and other documents certifying their quality and service life. Copies of these certificates, etc., must be provided by the Contractor to the Client prior to the commencement of works performed using these materials and equipment.

All materials and equipment used by the Contractor must be certified and approved for use in Uzbekistan, as well as produced no later than 24 (twenty four) months from the date of delivery.

The Contractor is responsible for compliance of used materials and equipment to the design specifications, state standards, technical specifications and fire safety requirements.

The contractor warrants that the equipment purchased and supplied is transferred free of third party rights and is not subject to collateral, seizure or other encumbrance.

Warranty period for the quality assurance of works performed is twelve months from the date of signing by the parties of the act on accepting facility into operation.

Warranty period for the quality of equipment is twenty four months from the date of signing by the parties of the act on accepting facility into operation.

The warranty period for the purchased and supplied equipment is confirmed by the presence of the warranty certificate with indicated conditions of warranty service and contact details.

Contractor provides post-warranty service for the equipment under a separate contract.

Upon completion of construction, installation and repair works, the Contractor will provide:

- as fitted drawings for the erected constructions and engineering services (utility lines);
- technical data sheets for equipment;
- certificates of conformity of building materials and structures;
- acts on the concealed work;
- reference invoice for the incurred costs.

When calculating the cost of construction and installation works in direct prices, all costs and expenses of the Contractor must be taken into account, namely:

- costs of equipment, furniture and inventory, taking into account transport and procurement and storage costs

- costs of basic wages, taking into account social insurance charges
- costs of construction materials, products and structures taking into account transport and procurement and warehouse expenses
- operating costs of machines and machineries
- other production costs
- other costs and expenses of the Contractor

QUANTITY OF WORK			
#.	Description of works	Measurement unit	Quantity
1	2	3	4
	VCC SYSTEM IN BUILDING OF THE MINISTRY OF WATER RESOURCES IN TASHKENT CITY		
	<u>SECTION 1. INSTALLATION WORKS</u>		
	STRUCTURED CABLE SYSTEM		
1	ELECTRO-ACOUSTIC DEVICES. SWITCHING CABINET FOR OUTPUT AND INTERMEDIATE LINES WITHOUT A REMOTE CONTROL ON THE WALL, NUMBER OF LINES UP TO 20	unit	1
2	CROSS-CONNECTIONS IN THE CABINET	10 units	0.1
3	CUTTING AND THE CONNECTION OF WIRES AND CABLES WITH A PISTOL, CABLE CAPACITY IS 5X2	10 ends	0.6
4	CABLES UP TO 35 KV IN LAID PIPES, UNITS AND BOXES. CABLE WEIGHT IS 1 M/KG, UP TO 1	100m	2.72
6	PLASTIC BOXES WITH A WITH OF UP TO 63 MM	100 m	0.22
7	PIPE ON THE WALLS AND COLUMNS WITH MOUNTING BRACKETS, DIAMETER, IN MM, UP TO 25	100 m	1
	<u>SECTION 2. CONFERENCE SYSTEM EQUIPMENT</u>		
	VIDEO(DISPLAY)WALL		
	VIDEO CODEC WITH BUILT-IN PTZ CAMERA		
10	TELEVISION EQUIPMENT 1 SMALL NON-TUBE CAMERA	set	1
11	INTERCOM EQUIPMENT	unit	1
12	VIDEO SURVEILLANCE EQUIPMENT. REMOTE CONTROL OF CAMERA ROTATION	unit	1
13	THE VIDEO SURVEILLANCE EQUIPMENT. THE INTERFACE UNIT TURNING THE CAMERA	unit	1
14	THE VIDEO SURVEILLANCE EQUIPMENT. DIGITAL VIDEO RECORDER	unit	1
	VCC SERVER		
16	REMOVABLE AND SLIDING UNITS [UPS], WEIGHT, KG, UP TO 20	unit	1
22	INSTALLATION OF THE ACCESS SWITCH FOR 8 PORTS	unit	1
23	REMOVABLE AND SLIDING UNITS [SFP-MODULE 1,25 GB], WEIGHT, KG, UP TO 5	unit	1
	<u>SECTIONS 3. MATERIALS</u>	-	-
	STRUCTURED CABLE SYSTEM		
24	TELECOM CABINET, WALL-MOUNTED, 6U	set	1
25	DUPLEX PATCH CORD, SINGLEMODE, OPTIC - LC/LC - DL. 3 M	unit	1
26	RJ CONNECTORS 45 - CAT. 5E FTP	unit	6
27	CABLE FOR LANS - CAT.5E - FTP - 4 PAIRS	m	210
28	EMK BRAND CABLE. 2X2,5 PVC-insulated cable	m	22
29	EMK BRAND CABLE. 2X1,5 PVC-insulated cable	m	40

30	MOUNTING CLAMP, PACKAGE 100 units	package	1
31	WALL-MOUNTED COUPLED POWER SOCKET	unit	10
32	MARKING TAGS	package	1
	HIDDEN WIRING		
33	FLOOR CABLE CHANNEL 50X12	m	22
34	COVER ON SEAM OF FLOOR CABLE CHANNEL 50X12	unit	20
35	PLANE ANGLE OF FLOOR CABLE CHANNEL 50X12	unit	2
36	ADAPTER FOR THE FLOOR CABLE CHANNEL 50X12 ON PLINTH	unit	1
37	CORRUGATED PIPE D20 MM	m	100
38	FASTENER CLIP FOR A PIPE OF D20 MM	m	160
39	PLASTIC DOWEL FOR CONCRETE	unit	190
40	DRILL	piece	4
41	METALWARE	kg	4
42	INSULATING TAPE	piece	2
	SECTION 4. EQUIPMENT		
43	LCD-PANEL OF 55" TO BUILD THE VIDEO(DISPLAY)WALL, FRAME THICKNESS IS 3 MM, BRIGHTNESS IS 500 CD/M2, IPS, FULL HD	set	4
44	HOLDERS FOR THE VIDEO(DISPLAY)WALL DISPLAYS	unit	4
45	VCC SERVER 120-POINT 1080P 30FPSH.264 VIDEO/AUDIO MCUH.264 BP/MP/HP, VP8, AND HEVC/H.265 (EXPECTED) WITH RESOLUTION UP TO 1080P 30FPS AND BITRATE 6MB/S FOR TRANSMISSION OF OPUS, G.722, G.711A/U, MIXING WIDEBAND AUDIO SIGNALS UP TO 48 KHZ, SUPPORT FOR HTTPS AND WSS/DTLS-SRTP ENCRYPTION FOR WEBRTC, AND TLS/SRTP ENCRYPTION FOR SIP, SUPPORT FOR 2X2/3X3/4X4/5X5/6X6/7X7 VIDEO-LINK OR 1 MAIN + SECONDARY N (UP TO 7 SECONDARY)	set	1
46	CHAIRMAN MICROPHONE FOR MICROPHONE DISCUSSION SYSTEM	unit	1
47	DELEGATE MICROPHONE FOR MICROPHONE DISCUSSION SYSTEM	unit	13
48	INTERFACE AND PSU FOR MICROPHONE DISCUSSION SYSTEM	set	1
49	HALF RACK MIXING AMPLIFIER, 60W @ 100 VOLT	set	1
50	3" SMALL DESIGN LOUDSPEAKER, BLACK	unit	6
51	A VIDEO CODEC WITH BUILT-IN PTZ CAMERA: WIDE-ANGLE LENS, 9-X ZOOM, FULL HD VIDEO 1080P, +/- 23° TILT, +/- 90° PANORAMA, 70° FIELD OF VIEW, PRESETS FOR FAST MOVING OF CODEC POSITIONS: BUILT-IN MCU, SUPPORTING CONFERENCES MODES WITH UP TO 3 PARTICIPANTS, WITH LOCAL SIP MIXING, BUILT-IN BLUETOOTH TO USE BLUETOOTH SPEAKERS/ MICROPHONES, KEYBOARDS, DATA EXCHANGE, Etc., SUPPORT OF 2 HDMI, FUNCTION TO RECORD VIDEO CONFERENCES	set	1
52	UPS ONLINE RACKMOUNT WITH CAPACITY 3000 W; INPUT110-300 VAC; OUTPUT 220+-2% VAC; USB/RJ45, SNMP SUPPORT	set	1
53	ACCESS SWITCH WITH 8 PORTS POE 8 GIGABIT DESKTOP POE SMART SWITCH	unit	1
54	SFP-MODULE 1.25 GB	unit	1
	VCC SYSTEM IN BUILDING OF LOWER SYRDARYA BAIS IN GULISTAN CITY		
	SECTION 1. DISMANTLING WORKS		
1	DISMANTLING OF FIBER OPTIC CABLE LAID PIPES, UNITS AND BOXES. CABLE, WEIGHT 1 M, KG, UP TO 1	100 m	0.15
2	DISMANTLING OF OPTICAL UNIT [devices of junction of station and line cables - DJS&LC]	DJS&LC	1
3	MOUNTING OF EXISTING CABLES LAID PIPES, UNITS AND BOXES. CABLE, WEIGHT 1 M, KG, UP TO 1	100 m	0.05

4	MOUNTING OF EXISTING ОПТИЧЕСКОГО OPTICAL UNIT [DJS&LC]. INSTALLATION AND MOUNTING OF JNC&LC SUBJECT TO MEASUREMENT IN THE PROCESS OF MOUNTING ON FIBER-OPTIC CABLE ZONE WITH THE NUMBER OF FIBERS - 8	DJS&LC	1
	SECTION 2. INSTALLATION WORKS		
	STRUCTURED CABLE SYSTEM		
5	ELECTRO-ACOUSTIC DEVICES. SWITCHING CABINET FOR OUTPUT AND INTERMEDIATE LINES WITHOUT A REMOTE CONTROL ON THE WALL, NUMBER OF LINES UP TO 20	unit	1
6	MOUNTING OF EXISTING ОПТИЧЕСКОГО OPTICAL UNIT [DJS&LC]. INSTALLATION AND MOUNTING OF JNC&LC SUBJECT TO MEASUREMENT IN THE PROCESS OF MOUNTING ON FIBER-OPTIC CABLE ZONE WITH THE NUMBER OF FIBERS - 8	DJS&LC	1
7	CROSS-CONNECTIONS IN THE CABINET	10 units	0.2
8	CUTTING AND THE CONNECTION OF WIRES AND CABLES WITH A PISTOL, CABLE CAPACITY IS 5X2	10 ends	0.4
9	CABLES UP TO 35 KV IN LAID PIPES, UNITS AND BOXES. CABLE WEIGHT IS 1 M/KG, UP TO 1	100 m	0.78
10	CIRCUIT BREAKERS, SWITCHES AND RECEPTACLES. POWER SOCKET	100 units	0.01
11	MEASURING ATTENUATION IN A CABLE AREA OF FIBER OPTIC CABLE ZONE WITH NUMBER OF FIBERS - 8	Cable	1
12	MEASUREMENT OF MOUNTED SECTION OF FIBER-OPTIC CABLE ZONE IN ONE DIRECTION WITH THE NUMBER OF FIBERS - 8	section	1
	HIDDEN WIRING		
13	PLASTIC BOXES WITH A WITH OF UP TO 63 MM	100 M	0.1
14	PIPE ON THE WALLS AND COLUMNS WITH MOUNTING BRACKETS, DIAMETER, IN MM, UP TO 25	100M	0.5
	CONFERENCE SYSTEM EQUIPMENT		
15	WALL-MOUNTED TYPE EQUIPMENT. VDU/MONITOR/ FOR THE VIDEO CROSS-CONNECTION	unit	1
	VIDEO CODEC WITH BUILT-IN PTZ CAMERA		
16	TELEVISION EQUIPMENT 1 SMALL NON-TUBE CAMERA	set	1
17	INTERCOM EQUIPMENT	unit	1
18	VIDEO SURVEILLANCE EQUIPMENT. REMOTE CONTROL OF CAMERA ROTATION	unit	1
19	THE VIDEO SURVEILLANCE EQUIPMENT. THE INTERFACE UNIT TURNING THE CAMERA	unit	1
20	THE VIDEO SURVEILLANCE EQUIPMENT. DIGITAL VIDEO RECORDER	unit	1
	AUDIO CONFERENCE SYSTEM		
21	INTERCOM EQUIPMENT	unit	1
22	REMOVABLE AND SLIDING UNITS [UPS], WEIGHT, KG, UP TO 20	unit	1
23	INSTALLATION OF THE ACCESS SWITCH FOR 8 PORTS	unit	1
24	REMOVABLE AND SLIDING UNITS [SFP-MODULE 1,25 GB], WEIGHT, KG, UP TO 5	unit	1
	SECTION 3. MATERIALS		
	STRUCTURED CABLE SYSTEM		
25	TELECOM CABINET, WALL-MOUNTED, 6U	set	1
26	OPTICAL PATCH PANEL FOR 24 PORTS	unit	1
27	CASSETTE FOR PIGTAILS	unit	1
28	LC/LC ADAPTER – SINGLEMODE DUPLEX	unit	4

29	PIGTAIL - 9/125 MKM - LC CONNECTORS - LENGTH 1M	unit	8
30	HEAT SHRINK TUBE FOR THE PIGTAILS - 40 MM, IN PACKAGE 50 UNITS	package	1
31	DUPLEX PATCH CORD, SINGLEMODE, OPTIC - LC/LC - DL. 3 M	unit	2
32	RJ CONNECTORS 45 - CAT. 5E FTP	unit	4
33	CABLE FOR LANS - CAT.5E - FTP - 4 PAIRS	m	20
34	EMK BRAND CABLE. 2X2,5 PVC-insulated cable	m	8
35	8-FIBER SINGLEMODE OPTIC CABLE	m	50
36	MOUNTING CLAMP, PACKAGE 100 UNITS	package	1
37	WALL-MOUNTED COUPLED POWER SOCKET	unit	1
38	MARKING TAGS	package	1
	HIDDEN WIRING		
39	FLOOR CABLE CHANNEL 50X12	m	10
40	CORRUGATED PIPE D20 MM	m	50
41	FASTENER CLIP FOR A PIPE OF D20 MM	m	80
42	PLASTIC DOWEL FOR CONCRETE	unit	96
43	DRILL	piece	2
44	METALWARE	kg	2
45	INSULATING TAPE	piece	1
	SECTION 4. EQUIPMENT		
46	LED TV 65" FULL HD, RESOLUTION NOT LESS THAN 1920X1080, BRIGHTNESS.- NOT LESS THAN 600 CD/M2 CONTRAST RATION - NOT LESS THAN 5000:1, RESPONSE TIME (GRAY TO GRAY)- NOT MORE THAN 10 MS, VIEWING ANGLES ARE NOT LESS THAN 178 DEGREES., MINID-SUB 15 PININ/OUT, HDMI, DVI-D, BNC (R, G, B, H, V) IN/OUT, WALL-MOUNTING HOLDERS ARE PROVIDED IN A SET.	unit	1
47	VIDEO CODEC WITH BUILT-IN PTZ CAMERA: WIDE-ANGLE LENS, 9-X ZOOM, FULL HD VIDEO 1080P, +/- 23° TILT, +/- 90° PANORAMA, 70° FIELD OF VIEW, PRESETS FOR FAST MOVING OF CODEC POSITIONS: BUILT-IN MCU, SUPPORTING CONFERENCES MODES WITH UP TO 3 PARTICIPANTS, WITH LOCAL SIP MIXING, BUILT-IN BLUETOOTH TO USE BLUETOOTH SPEAKERS/ MICROPHONES, KEYBOARDS, DATA EXCHANGE, Etc., SUPPORT OF 2 HDMI, FUNCTION TO RECORD VIDEO CONFERENCES	set	1
48	AUDIO CONFERENCING SYSTEM, SUPPORTING SIP TELEPHONY (AT LEAST 6 SIP ACCOUNTS), SUPPORTING 7 THIRD-PARTY CONFERENCES, AUDIO OF FULL HD STANDARD, ABILITY TO DOWNLOAD APPS FROM THE GOOGLE PLAY STORE, POSSIBILITY OF DEVICE EXTENSION THROUGH CASCADE CONNECTION, GIGABIT ETHERNET WITH POE	set	1
49	UPS ONLINE RACKMOUNT WITH CAPACITY 3000 W; INPUT110-300 VAC; OUTPUT 220+-2% VAC; USB/RJ45, SNMP SUPPORT	set	1
50	ACCESS SWITCH WITH 8 PORTS POE 8 GIGABIT DESKTOP POE SMART SWITCH	unit	1
51	SFP-MODULE 1.25 GB	unit	1

FORM FOR SUBMITTING SUPPLIER'S QUOTATION¹⁰

(This Form must be submitted only using the Supplier's Official Letterhead/Stationery¹¹)

We, the undersigned, hereby accept in full the UNDP General Terms and Conditions, and hereby offer to supply the items listed below in conformity with the specification and requirements of UNDP as per RFQ Reference No. RFQ/043/18 supply and installation of Audio and Video Conference Communication System in the Ministry of Water Resources of the Republic of Uzbekistan:

TABLE 1: Offer to Supply Goods Compliant with Technical Specifications and Requirements

QUANTITY OF WORK					
#.	Description of works	Measurement unit	Quantity	Unit price (pls. indicate currency)	Total price (pls. indicate currency)
1	2	3	4		
	VCC SYSTEM IN BUILDING OF THE MINISTRY OF WATER RESOURCES IN TASHKENT CITY				
	<u>SECTION 1. INSTALLATION WORKS</u>				
	STRUCTURED CABLE SYSTEM				
1	ELECTRO-ACOUSTIC DEVICES. SWITCHING CABINET FOR OUTPUT AND INTERMEDIATE LINES WITHOUT A REMOTE CONTROL ON THE WALL, NUMBER OF LINES UP TO 20	unit	1		
2	CROSS-CONNECTIONS IN THE CABINET	10 units	0.1		
3	CUTTING AND THE CONNECTION OF WIRES AND CABLES WITH A PISTOL, CABLE CAPACITY IS 5X2	10 ends	0.6		
4	CABLES UP TO 35 KV IN LAID PIPES, UNITS AND BOXES. CABLE WEIGHT IS 1 M/KG, UP TO 1	100m	2.72		
6	PLASTIC BOXES WITH A WITH OF UP TO 63 MM	100 m	0.22		
7	PIPE ON THE WALLS AND COLUMNS WITH MOUNTING BRACKETS, DIAMETER, IN MM, UP TO 25	100 m	1		
	<u>SECTION 2. CONFERENCE SYSTEM EQUIPMENT</u>				
	VIDEO(DISPLAY)WALL				
8	EQUIPMENT OF THE WALL TYPE: VIDEO CONTROL DEVICE/MONITOR/ FOR VIDEO-CROSS	unit	4		
9	MOUNTING BRACKET ON THE WALL	unit	4		
	VIDEO CODEC WITH BUILT-IN PTZ CAMERA				
10	TELEVISION EQUIPMENT 1 SMALL NON-TUBE CAMERA	set	1		

¹⁰ This serves as a guide to the Supplier in preparing the quotation and price schedule.

¹¹ Official Letterhead/Stationery must indicate contact details – addresses, email, phone and fax numbers – for verification purposes

11	INTERCOM EQUIPMENT	unit	1		
12	VIDEO SURVEILLANCE EQUIPMENT. REMOTE CONTROL OF CAMERA ROTATION	unit	1		
13	THE VIDEO SURVEILLANCE EQUIPMENT. THE INTERFACE UNIT TURNING THE CAMERA	unit	1		
14	THE VIDEO SURVEILLANCE EQUIPMENT. DIGITAL VIDEO RECORDER	unit	1		
	VCC SERVER				
16	REMOVABLE AND SLIDING UNITS [UPS], WEIGHT, KG, UP TO 20	unit	1		
22	INSTALLATION OF THE ACCESS SWITCH FOR 8 PORTS	unit	1		
23	REMOVABLE AND SLIDING UNITS [SFP-MODULE 1,25 GB], WEIGHT, KG, UP TO 5	unit	1		
	<u>SECTIONS 3. MATERIALS</u>	-	-		
	STRUCTURED CABLE SYSTEM				
24	TELECOM CABINET, WALL-MOUNTED, 6U	set	1		
25	DUPLEX PATCH CORD, SINGLEMODE, OPTIC - LC/LC - DL. 3 M	unit	1		
26	RJ CONNECTORS 45 - CAT. 5E FTP	unit	6		
27	CABLE FOR LANS - CAT.5E - FTP - 4 PAIRS	m	210		
28	EMK BRAND CABLE. 2X2,5 PVC-insulated cable	m	22		
29	EMK BRAND CABLE. 2X1,5 PVC-insulated cable	m	40		
30	MOUNTING CLAMP, PACKAGE 100 unitS	package	1		
31	WALL-MOUNTED COUPLED POWER SOCKET	unit	10		
32	MARKING TAGS	package	1		
	HIDDEN WIRING				
33	FLOOR CABLE CHANNEL 50X12	m	22		
34	COVER ON SEAM OF FLOOR CABLE CHANNEL 50X12	unit	20		
35	PLANE ANGLE OF FLOOR CABLE CHANNEL 50X12	unit	2		
36	ADAPTER FOR THE FLOOR CABLE CHANNEL 50X12 ON PLINTH	unit	1		
37	CORRUGATED PIPE D20 MM	m	100		
38	FASTENER CLIP FOR A PIPE OF D20 MM	m	160		
39	PLASTIC DOWEL FOR CONCRETE	unit	190		
40	DRILL	piece	4		
41	METALWARE	kg	4		
42	INSULATING TAPE	piece	2		
	<u>SECTION 4. EQUIPMENT</u>				
43	LCD-PANEL OF 55" TO BUILD THE VIDEO(DISPLAY)WALL, FRAME THICKNESS IS 3 MM, BRIGHTNESS IS 500 CD/M2, IPS, FULL HD	set	4		
44	HOLDERS FOR THE VIDEO(DISPLAY)WALL DISPLAYS	unit	4		
45	VCC SERVER 120-POINT 1080P 30FPSH.264 VIDEO/AUDIO MCUH.264 BP/MP/HP, VP8, AND HEVC/H.265 (EXPECTED) WITH RESOLUTION UP TO 1080P 30FPS AND BITRATE 6MB/S FOR TRANSMISSION OF OPUS, G.722, G.711A/U, MIXING WIDEBAND AUDIO SIGNALS UP TO 48 KHZ,	set	1		

	SUPPORT FOR HTTPS AND WSS/DTLS-SRTP ENCRYPTION FOR WEBRTC, AND TLS/SRTP ENCRYPTION FOR SIP, SUPPORT FOR 2X2/3X3/4X4/5X5/6X6/7X7 VIDEO-LINK OR 1 MAIN + SECONDARY N (UP TO 7 SECONDARY)				
46	CHAIRMAN MICROPHONE FOR MICROPHONE DISCUSSION SYSTEM	unit	1		
47	DELEGATE MICROPHONE FOR MICROPHONE DISCUSSION SYSTEM	unit	13		
48	INTERFACE AND PSU FOR MICROPHONE DISCUSSION SYSTEM	set	1		
49	HALF RACK MIXING AMPLIFIER, 60W @ 100 VOLT	set	1		
50	3" SMALL DESIGN LOUDSPEAKER, BLACK	unit	6		
51	A VIDEO CODEC WITH BUILT-IN PTZ CAMERA: WIDE-ANGLE LENS, 9-X ZOOM, FULL HD VIDEO 1080P, +/- 23° TILT, +/- 90° PANORAMA, 70° FIELD OF VIEW, PRESETS FOR FAST MOVING OF CODEC POSITIONS: BUILT-IN MCU, SUPPORTING CONFERENCES MODES WITH UP TO 3 PARTICIPANTS, WITH LOCAL SIP MIXING, BUILT-IN BLUETOOTH TO USE BLUETOOTH SPEAKERS/ MICROPHONES, KEYBOARDS, DATA EXCHANGE, Etc., SUPPORT OF 2 HDMI, FUNCTION TO RECORD VIDEO CONFERENCES	set	1		
52	UPS ONLINE RACKMOUNT WITH CAPACITY 3000 W; INPUT 110-300 VAC; OUTPUT 220+-2% VAC; USB/RJ45, SNMP SUPPORT	set	1		
53	ACCESS SWITCH WITH 8 PORTS POE 8 GIGABIT DESKTOP POE SMART SWITCH	unit	1		
54	SFP-MODULE 1.25 GB	unit	1		
	SUBTOTAL MWR				
	VCC SYSTEM IN BUILDING OF LOWER SYRDARYA BAIS IN GULISTAN CITY				
	<u>SECTION 1. DISMANTLING WORKS</u>				
1	DISMANTLING OF FIBER OPTIC CABLE LAID PIPES, UNITS AND BOXES. CABLE, WEIGHT 1 M, KG, UP TO 1	100 m	0.15		
2	DISMANTLING OF OPTICAL UNIT [devices of junction of station and line cables - DJS&LC]	DJS&LC	1		
3	MOUNTING OF EXISTING CABLES LAID PIPES, UNITS AND BOXES. CABLE, WEIGHT 1 M, KG, UP TO 1	100 m	0.05		
4	MOUNTING OF EXISTING ОПТИЧЕСКОГО OPTICAL UNIT [DJS&LC]. INSTALLATION AND MOUNTING OF JNC&LC SUBJECT TO MEASUREMENT IN THE PROCESS OF MOUNTING ON FIBER-OPTIC CABLE ZONE WITH THE NUMBER OF FIBERS - 8	DJS&LC	1		
	<u>SECTION 2. INSTALLATION WORKS</u>				
	STRUCTURED CABLE SYSTEM				
5	ELECTRO-ACOUSTIC DEVICES. SWITCHING CABINET FOR OUTPUT AND INTERMEDIATE LINES WITHOUT	unit	1		

	A REMOTE CONTROL ON THE WALL, NUMBER OF LINES UP TO 20				
6	MOUNTING OF EXISTING ОПТИЧЕСКОГО OPTICAL UNIT [DJS&LC]. INSTALLATION AND MOUNTING OF JNC&LC SUBJECT TO MEASUREMENT IN THE PROCESS OF MOUNTING ON FIBER-OPTIC CABLE ZONE WITH THE NUMBER OF FIBERS - 8	DJS&LC	1		
7	CROSS-CONNECTIONS IN THE CABINET	10 units	0.2		
8	CUTTING AND THE CONNECTION OF WIRES AND CABLES WITH A PISTOL, CABLE CAPACITY IS 5X2	10 ends	0.4		
9	CABLES UP TO 35 KV IN LAID PIPES, UNITS AND BOXES. CABLE WEIGHT IS 1 M/KG, UP TO 1	100 m	0.78		
10	CIRCUIT BREAKERS, SWITCHES AND RECEPTACLES. POWER SOCKET	100 units	0.01		
11	MEASURING ATTENUATION IN A CABLE AREA OF FIBER OPTIC CABLE ZONE WITH NUMBER OF FIBERS - 8	Cable	1		
12	MEASUREMENT OF MOUNTED SECTION OF FIBER-OPTIC CABLE ZONE IN ONE DIRECTION WITH THE NUMBER OF FIBERS - 8	section	1		
	HIDDEN WIRING				
13	PLASTIC BOXES WITH A WITH OF UP TO 63 MM	100 M	0.1		
14	PIPE ON THE WALLS AND COLUMNS WITH MOUNTING BRACKETS, DIAMETER, IN MM, UP TO 25	100M	0.5		
	CONFERENCE SYSTEM EQUIPMENT				
15	WALL-MOUNTED TYPE EQUIPMENT. VDU/MONITOR/ FOR THE VIDEO CROSS-CONNECTION	unit	1		
	VIDEO CODEC WITH BUILT-IN PTZ CAMERA				
16	TELEVISION EQUIPMENT 1 SMALL NON-TUBE CAMERA	set	1		
17	INTERCOM EQUIPMENT	unit	1		
18	VIDEO SURVEILLANCE EQUIPMENT. REMOTE CONTROL OF CAMERA ROTATION	unit	1		
19	THE VIDEO SURVEILLANCE EQUIPMENT. THE INTERFACE UNIT TURNING THE CAMERA	unit	1		
20	THE VIDEO SURVEILLANCE EQUIPMENT. DIGITAL VIDEO RECORDER	unit	1		
	AUDIO CONFERENCE SYSTEM				
21	INTERCOM EQUIPMENT	unit	1		
22	REMOVABLE AND SLIDING UNITS [UPS], WEIGHT, KG, UP TO 20	unit	1		
23	INSTALLATION OF THE ACCESS SWITCH FOR 8 PORTS	unit	1		
24	REMOVABLE AND SLIDING UNITS [SFP-MODULE 1,25 GB], WEIGHT, KG, UP TO 5	unit	1		
	SECTION 3. MATERIALS				
	STRUCTURED CABLE SYSTEM				
25	TELECOM CABINET, WALL-MOUNTED, 6U	set	1		
26	OPTICAL PATCH PANEL FOR 24 PORTS	unit	1		

27	CASSETTE FOR PIGTAILS	unit	1		
28	LC/LC ADAPTER – SINGLEMODE DUPLEX	unit	4		
29	PIGTAIL - 9/125 MKM - LC CONNECTORS - LENGTH 1M	unit	8		
30	HEAT SHRINK TUBE FOR THE PIGTAILS - 40 MM, IN PACKAGE 50 UNITS	package	1		
31	DUPLEX PATCH CORD, SINGLEMODE, OPTIC - LC/LC - DL. 3 M	unit	2		
32	RJ CONNECTORS 45 - CAT. 5E FTP	unit	4		
33	CABLE FOR LANS - CAT.5E - FTP - 4 PAIRS	m	20		
34	EMK BRAND CABLE. 2X2,5 PVC-insulated cable	m	8		
35	8-FIBER SINGLEMODE OPTIC CABLE	m	50		
36	MOUNTING CLAMP, PACKAGE 100 UNITS	package	1		
37	WALL-MOUNTED COUPLED POWER SOCKET	unit	1		
38	MARKING TAGS	package	1		
	HIDDEN WIRING				
39	FLOOR CABLE CHANNEL 50X12	m	10		
40	CORRUGATED PIPE D20 MM	m	50		
41	FASTENER CLIP FOR A PIPE OF D20 MM	m	80		
42	PLASTIC DOWEL FOR CONCRETE	unit	96		
43	DRILL	piece	2		
44	METALWARE	kg	2		
45	INSULATING TAPE	piece	1		
	<u>SECTION 4. EQUIPMENT</u>				
46	LED TV 65" FULL HD, RESOLUTION NOT LESS THAN 1920X1080, BRIGHTNESS.- NOT LESS THAN 600 CD/M2 CONTRAST RATION - NOT LESS THAN 5000:1, RESPONSE TIME (GRAY TO GRAY)- NOT MORE THAN 10 MS, VIEWING ANGLES ARE NOT LESS THAN 178 DEGREES., MINID-SUB 15 PININ/OUT, HDMI, DVI-D, BNC (R, G, B, H, V) IN/OUT, WALL-MOUNTING HOLDERS ARE PROVIDED IN A SET.	unit	1		
47	VIDEO CODEC WITH BUILT-IN PTZ CAMERA: WIDE-ANGLE LENS, 9-X ZOOM, FULL HD VIDEO 1080P, +/- 23° TILT, +/- 90° PANORAMA, 70° FIELD OF VIEW, PRESETS FOR FAST MOVING OF CODEC POSITIONS: BUILT-IN MCU, SUPPORTING CONFERENCES MODES WITH UP TO 3 PARTICIPANTS, WITH LOCAL SIP MIXING, BUILT-IN BLUETOOTH TO USE BLUETOOTH SPEAKERS/ MICROPHONES, KEYBOARDS, DATA EXCHANGE, Etc., SUPPORT OF 2 HDMI, FUNCTION TO RECORD VIDEO CONFERENCES	set	1		
48	AUDIO CONFERENCING SYSTEM, SUPPORTING SIP TELEPHONY (AT LEAST 6 SIP ACCOUNTS), SUPPORTING 7 THIRD-PARTY CONFERENCES, AUDIO OF FULL HD STANDARD, ABILITY TO DOWNLOAD APPS FROM THE GOOGLE PLAY STORE, POSSIBILITY OF DEVICE EXTENSION	set	1		

	THROUGH CASCADE CONNECTION, GIGABIT ETHERNET WITH POE				
49	UPS ONLINE RACKMOUNT WITH CAPACITY 3000 W; INPUT 110-300 VAC; OUTPUT 220+-2% VAC; USB/RJ45, SNMP SUPPORT	set	1		
50	ACCESS SWITCH WITH 8 PORTS POE 8 GIGABIT DESKTOP POE SMART SWITCH	unit	1		
51	SFP-MODULE 1.25 GB	unit	1		
	SUBTOTAL LOWER SIRDAYRA BISA				
	TOTAL				

TABLE 2 : Offer to Comply with Other Conditions and Related Requirements

Other Information pertaining to our Quotation are as follows :	Your Responses		
	<i>Yes, we will comply</i>	<i>No, we cannot comply</i>	<i>If you cannot comply, pls. indicate counter proposal</i>
Deadline for performance of works (85 calendar days)			
Validity of Quotation 90 calendar days upon Bid opening date			
The minimum term of warranty for all construction-installation works and materials 1 (one) year after commissioning			
Quality guarantee for equipment valid for 24 (twenty-four) months from the date of signing by the parties of the Site Acceptance Certificate			
Quality Certificates (ISO, main technical characteristics of the supplied equipment and available certificates and etc.)			
<p>Local Currency: for Local Suppliers will be paid in Uzbek Soums by bank transfer in the following term:</p> <p>Monthly payment upon completion actual of works and signature of acceptance act by both parties, submission of payment invoice by the Contractor and acceptance by UNDP.</p> <p>United States Dollars: for Foreign Suppliers will be paid in US Dollars by bank transfer in the following term:</p> <p>Monthly payment upon completion actual of works and signature of acceptance act by both parties, submission of payment invoice by the Contractor and acceptance by UNDP.</p>			
All Provisions of the UNDP General Terms and Conditions			
Other requirements [pls. specify]			

All other information that we have not provided automatically implies our full compliance with the requirements, terms and conditions of the RFQ.

We declare that we are not in the UN Security Council 1267/1989 List, UN Procurement Division List or other UN Ineligibility List.

[Name and signature of authorized person]

[Position]

[Date]

[Stamp of the company]

Part 2: DECLARATION OF INTEREST

Dear Sir/Madam,

We/I, _____ (Name and Title), as Director/Founder of _____ Company, declare that:

- (a) Have no financial and other interests in, association or relationship with, are not employed and do not have relatives (i.e. spouse, parents, children or siblings) employed by the United Nations Development Programme (UNDP) or the Government of Uzbekistan that announced the tender; and do not have access to information about, or influence on the selection process for this tender;
- (b) Have no common controlling partner, director, shareholder, legal representative for the purposes of this tender with any other entity submitting its Quotation under this tender; are not subcontracting or are subcontractors to other entities for the purposes of this tender; and that the experts proposed in the team do not participate in more than one Quotation for this tender;
- (c) Are not involved in activities that could have an impact on the objectivity and independence of the Contractor's team in carrying out its duties under the contract or can affect the image of the United Nations and the Government of Uzbekistan.

We certify that the information stated is true, correct and complete to the best of our knowledge and belief. We are obliged to comply with all requests for additional information, documentation, clarification and/or verification concerning the Declaration of Interest statement.

All other information that we have not provided automatically implies our full compliance with the requirements, terms and conditions of the tender.

We declare that we are not in the UN Security Council 1267/1989 List, UN Procurement Division List or other UN Ineligibility List.

Name and signature of authorized person]

[Position]

[Date]

[Stamp of the company]

Part 3: COMPANY PROFILE

Part 3: COMPANY PROFILE 1. Offeror's Legal Name [insert Offeror's legal name]		
2. In case of Joint Venture (JV), legal name of each party: [insert legal name of each party in JV]		
3. Actual or intended Country/ies of Registration/Operation: [insert actual or intended Country of Registration]		
4. Year of Registration in its Location: [insert Offeror's year of registration]		
5. Countries of Operation	6. No. of permanent staff in each Country	7. Years of Operation in each Country
8. Legal Address/es in Country/ies of Registration/Operation: [insert Offeror's legal address in country of registration]		
9. Value and Description of Top two (2) Biggest Contracts for the past three (3) years		
10. Latest Credit Rating (Score and Source, if any)		
11. Brief description of litigation history (disputes, arbitration, claims, etc.), indicating current status and outcomes, if already resolved.		
12. Offeror's Authorized Representative Information Name: [insert Authorized Representative's name] Address: [insert Authorized Representative's Address] Telephone/Fax numbers: [insert Authorized Representative's telephone/fax numbers] Email Address: [insert Authorized Representative's email address]		
13. Are you in the UNPD List 1267.1989 or UN Ineligibility List? <input type="checkbox"/> YES or <input type="checkbox"/> NO		

Name and signature of authorized person]

[Position]

[Date]

[Stamp of the company]

PART 4: PERFORMANCE OF SIMILAR CONTRACTS. *

Name of delivered goods	Terms of the contract (year, month)	Cost of work	Customer (Company name, full name of the contact person, telephone)

*Requires at least two similar contracts during last 3 years on supply of machinery (including field and sport equipment).

[Name and signature of authorized person]

[Position]

[Date]

[Stamp of the company]

UNDP General Terms and Conditions for Works