



OIL & GAS DEVELOPMENT COMPANY LIMITED
PROCUREMENT DEPARTMENT (LOCAL), ISLAMABAD
SCHEDULE OF REQUIREMENT

Material : **VIDEO CONFERENCE SYSTEM**

Tender Enquiry No: **PROC-LH/PT/18587**

EVALUATION WILL BE CARRIED OUT ON FULL

Due Date:

Bid Bond Value : RS. 60,000/-

Attachment(if any) : YES (TOR)

Sr No	Description	Quantity	Make/Brand offered	Unit	Unit Price (PKR) Inclusive Of All Taxes Except GST	Unit Price (PKR) Inclusive of GST	Total Price (PKR) Inclusive of GST	Delivery Period Offered	deviation from Tender Spec. If Any
1	Video Conferencing System (TOR Attached)	1		Number					

Special Note: The prospective bidders also download the master set of Tender Document

- The prospective bidders may keep in touch with OGDCL web site for downloading the clarifications/amendments (if any) issued by OGDCL.
- BID VALIDITY: 180 DAYS FROM THE TECHNICAL BID OPENING. DELIVERY TERM: WITHIN 120 DAYS AFTER ISSUANCE OF LPO ON F.O.R I-9 BASE STORE, ISLAMABAD. PAYMENT TERM: 100% AFTER DELIVERY AND INSPECTION.



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Mandatory Checklist

Please confirm the compliance of the following mandatory information along with the bid(s) (failing which bids(s) will not be accepted)

Documents	To be Attached with the Technical/Financial Bids	Compliance	
		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Original Bid Bond	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Copy of NTN Certificate	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Copy of GST Certificate	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Confirmation that the Firm is appearing on FBR's Active Taxpayer List	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly signed and stamped Annexure-A (Un-priced)	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped Annexure-B	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped Annexure-D	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped Annexure-L on Company's Letterhead	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly signed and stamped Annexure-M on Company's Letterhead	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly signed and stamped Annexure-N on Non-Judicial Stamp Paper duly attested by Notary Public	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped Annexure-A (Priced)	Financial Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped Annexure-C	Financial Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped Annexure-E	Financial Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>



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For the Vendors/Contractors who opt to submit Bank Draft/Call Deposit/Pay order against Bid Bond/Performance Bond, our Accounts Department has finalized an arrangement for online payment to such Vendors/Contractors, which will be processed through (IBFT & LFT) for which following information is required:

i.	IBAN No. (International Bank Account Number 24 Digits)	
ii.	Vendor Name as per Title of their Bank Account	
iii.	Contact No.of Company's CEO/ Owner (Mobile & Landline)	
iv.	Bank Name.	
v.	Bank Branch Name and Code	

Name, Sign and Stamp of the authorized official of the Bidder(s) _____

OIL & GAS DEVELOPMENT COMPANY LTD

Enterprise level Video Conference System

Terms of Reference (TOR)

Note: Bidders are requested to read this document carefully and provide complete information required in this TOR. All information required in the Technical Evaluation Criteria must be provided. OGDCL reserves the right to reject Proposals with in-complete or partial information.

1. OVERVIEW

Oil and Gas Development Company Ltd (OGDCL) is Pakistan's leading E&P sector company, having operations at above 50 locations and fields in all the four provinces. The detailed information about the Company can be obtained from its website www.ogdcl.com.

OGDCL invites Financial & Technical bids for establishing of enterprise level video conference system at its fields and conference rooms. At first phase this system will be deployed at main conference room.

2. BOQ

Video Conference System		
	The proposed system must support universal video formats in 4K with a dual lens digital PTZ cameras with Ai enabled face tracking and frame tracking. All components of the VC system like Codec, Cameras, Touch Panel and Ceiling Microphone should be from the same OEM.	
Sr. No.	Description	Requirement Specifications
1	Package	UHD to 4K camera, codec, Microphone Array, cables, and remote control
		it should be capable of 2 PTZ cameras which could be toggled in between conference.
2	Video Standards and Resolutions	It should support H.323, SIP standards for legacy communications and must have capacity to communicate with modern VC platforms like ZOOM and TEAMS without PC involvement.
		It should support H.261, H.263, H.264 AVC/ SVC, H.264 High Profile
		It should support 1080p 60 fps, 1080p 30 fps, 720p 60 fps and 720p 30fps
3	Content Standards and Resolutions	It should support Wired and Wireless content sharing using standard based H.239 and BFCP over SIP. It should also support audio from PC used for content sharing.
		It should transmit both people and content both simultaneously to the far end location at 1080p 30fps
		Content from MSFT/Android/iOS could be shared and viewed in multiple inputs preferably
		Content from iOS, Android or MSFT could be shared wired or wirelessly.
4	Audio Standards and Features	It should support G.711, G.728, G.729A, G.722, G.722.1, or better
		It should support 20kHz or better bandwidth with crystal clear audio and stereo sound.
		Automatic Gain Control and Automatic Noise Suppression
		Keyboard noise reduction and instant adaptation echo cancellation

5	Video and Audio Inputs	1 x HDMI/HDCI and 1 x USB input for connecting main HD camera supporting 4K/UHD/1080p60fps with 10X zoom or equivalent
		At least 1 x HDMI input to share HD content from PC/Laptop/Document camera (other than wireless connectivity of content through iOS, Android or PC/Mac)
		At least 3 x Microphone Input
		1 x 3.5mm stereo line-in
		The systems should be accompanied with Ceiling Microphones of same OEM/Brand, as management don't want cable cluttering on table.
6	Video and Audio Outputs	At least 2 x HDMI output for connecting main and 2nd monitor/display
		1 x 3.5 mm stereo line-out
7	Other Interfaces	1 x 10/100/1000 LAN port
		3 x USB for software upgrade and connecting external devices or equivalent
		1 x RS-232 mini-DIN 8-pin
		Bluetooth, WiFi (Multichannel Concurrency)
8	Camera	It should support dual lens 4K with 20MP &10X zoom camera or better.
		The Camera system should support of enhancing video conferencing experience with optional advanced face-recognition technology such that it automatically scans the room and speaker simultaneously and appropriately frame the Speaker or Group of Speakers during a call without any manual intervention.
		It should support 120° FOV with camera range of 25ft
		Camera and Codec should be controlled using same remote control / Touch Panel
9	Touch Control	7" or Above Touch Control of SAME OEM for easy use
10	Network Features	H.323 and SIP bandwidth up to 6 Mbps
		IPv4 and IPv6 support from day one
		Auto Gatekeeper Discovery
		IP Precedence
		H.323 based Packet Lost Recovery
11	Security	Media Encryption (H.323, SIP): AES-128, AES-256
		Authenticated access to admin menus, web interface and telnet API
		Local account password policy configuration
12	Other Standards	H224/H.281, H.323 Annex Q, H.225, H.245, H.241, H.239, H.243, H.460
13		Must be ready for ZOOM & TEAMS, without involving any PC, must support USB Device mode for other soft clients usage.
		Auto sensing power supply

3.0 Scope of Work

The bidder is responsible to provide the equipment as per section 2.0 and its installation on turnkey basis.

4.0 Proposal

The firms are required to send Technical Proposal as well as Financial Proposal for the solution in separate sealed envelopes.

5.0 TECHNICAL PROPOSAL

Technical Proposal should be submitted covering the following details;

- 5.1 Brief company profile with years of service experience of the same product.
- 5.2 Technical expertise available for this support (complete list of technical manpower to be provided indicating position, qualification, certification and experience).
- 5.3 List of clients where bidder has provided the same nature of services or Hardware mentioned at 2.0

6.0 FINANCIAL PROPOSAL

Financial Proposals should consist of relevant costs for equipment mentioned in Section 2.0 of this TOR on financial bid format of Annexure "A-2".

7.0 PAYMENT TERMS

100% Payment will be made after delivery and installation at Board Room

TECHNICAL EVALUATION CRITERIA

8. Technical evaluation criteria

- Bidder must be authorized Partner of the OEM of quoted items and must have at least 3 Projects of the similar nature and similar products. (Provide evidence) otherwise bid will be rejected.
- Experience of Technical manpower of bidder less than two years will be rejected.
- Bidder must provide MAL of manufacturer otherwise bid will be rejected
- Bidder must provide Technical DEMO/Illustration of solution in real scenario at OGDCL Head Office, otherwise bid will be rejected.
- Bidder must have Support Services facilities in Islamabad.