

Draft



**OMNIBUS INDUSTRIAL DEVELOPMENT CORPORATION OF  
DAMAN & DIU AND DADRA & NAGAR HAVELI LIMITED.**

Corporate Office, Somnath, Nani Daman 396 210.

Tel: (0260) 2241120, 2244731. Fax : (0260) 2241108.

CIN : U65923DD1992SGC001221

website: www.oidc.nic.in

No.OIDC/VC/18/2009-10/ 914

Date:- 8/12/2014

**Limited Tender Notice**

OIDC invites sealed Tender for Supply of reputed brand of video conferencing equipment at detail below.

S. N.	Items proposed	Details
1	VC System	Set top VC System for IP and ISDN Network
2	Display Unit	65" or more LCD/LED Full HD TV ( <b>Two</b> )
3	Roll-About Trolley	
4	UPS	1 KVA UPS with 30 Minutes Backup
5	Other Accessories	Additional Cables of appropriate Length (60 feet) 1. AV Cable 2. VGA Cable 3. HDMI Cable 4. Stereo Audio Cable 5. Wi-Fi Router-cum-switch (4 port or more) 6. Any other accessories to mount the camera on trolley

Last Date for Submission of Tender is 18/12/2014 up-to 3.00 pm at Corporate Office, Somnath, Nani Daman. The Management reserves the right to reject any or all the Tenders received without assigning any reason. Tender notice is also available on the website of OIDC i.e. [www.oidc.nic.in](http://www.oidc.nic.in). as well as website of NIC i.e. [www.daman.nic.in](http://www.daman.nic.in).

Terms and conditions and detail specifications may be obtained from website of OIDC i.e. [www.oidc.nic.in](http://www.oidc.nic.in). as well as website of NIC i.e. [www.daman.nic.in](http://www.daman.nic.in). and also from the OIDC's Corporate office, Somnath, Nani Daman during working hrs from Monday to Friday.

Sd/-  
Jt. Managing Director

## **Terms and Condition for supply of Video Conferencing Equipments:-**

- 1) Bidder must submit following documents as Annexure to the tender so as to reach the manager (Admn.)/IT at O IDC Corporate Office, by 18/12/2014 up to 15.00 hrs.
  - (a) Dealer ship Certificate
  - (b) VAT Registration Certificate
  - (c) PAN No.
  - (d) Income Tax Clearance along with copies of returns of last three years.
  - (e) EMD (by Demand draft)
  - (f) Tenderer are requested to deposit Earnest Money Deposit(EMD) of Rs 12,500/- (Rupees twelve Thousand Five Hundred Only) in form of Demand Draft of any Bank in Favour of "O IDC Ltd." along with the Tender.  
Envelop should be super scripted as limited Tender for purchase of "Video Conferencing Equipment", and addressed to Manger (Admn./IT), O IDC's Corporate Office, plot No.35, Somnath, Nani Daman, Daman-396210.
- 2) Items ordered should be of reputed brands and supplied at O IDCs Corporate Office, Daman.
- 3) Offers should be only for standard quality and branded electronic items as per description mention above.
- 4) Rates quoted should be inclusive of all taxes and should be quoted per unit. Rates must be quoted in figures and words. In case of any dispute, rate in words will be considered final and decision of Tender Opening Authority will be final in this regards.
- 5) Video Conferencing Equipment will have to be installed by the supplier without levy of any charges.
- 6) In case of failure to supply items as per required specification, terms and conditions and within the stipulated time, Same will be purchase from the other tenderer who has offered next higher rates or from any other resources, as may be decided by the O IDC Ltd. Loss to O IDC on account of such purchase shall be recover from the former supplier's security Deposit/ Earnest Money or amount of bill payable. The supplier's shall have no right to dispute with this procedure.
- 7) Supplier's must provide three years Warranty of the V.C. System.
- 8) Payment will be made only after the supply of material and installation to complete satisfaction of the officers of O IDC.
- 9) The O IDC Ltd. reserves the right to reject or accept any or all tenders without assigning any reason whatsoever. It will also not be obligatory on the O IDC to accept the lowest quotation and no explanation shall be given with regards to reason for rejection of any tender.

10) Important dates and information of this tender:

Bid Security (Earnest Money Deposit)	Rs. 12,500/-
Last date & time of submission of tender & EMD	18/12/14 up to 15.00 hrs
Date of opening of Bids	18/12/14 up to 16.00 hrs if possible
Contact person	Jt.M.D / C.G.M
Place of submission of Bids	Manager (Admn./IT) OIDC Limited Corporate Office, Plot No. 35, Somnath, Daman – 396210 Phone :-(0260) 2241120 /2244731

Sd/-  
Jt. Managing Director

Annex - 1

Configuration of Set top VC System

HD Video Conferencing system should be capable of connecting on IP networks at 2 Mbps or more with following essential components and features:-

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1. Should operate over IP networks to connect in point to point mode
2. Support H.264 Video protocol, support G.722, G.711 audio protocols
3. H.281 far end camera control
4. Built-in Acoustic echo canceller with Noise Reduction
5. Picture in Picture or Side-by-side picture (dual Monitor Emulation) support
6. Should support high definition video resolution of 720p at 25fps for live video for transmit and receive
7. H.239 dual stream for simultaneously sending/receiving Content/Presentation along with HD live video on two different monitors.
8. Should have required video and audio outputs to connect with two LCD/LED TV/monitors as specified in Item 5 & 6 with connecting cables of required length in dual monitor mode.
9. Should have video input to connect HD PTZ (Pan-Tilt-Zoom) camera of 720p resolution
10. Should have input to connect a Laptop/PC at minimum XGA resolution (1024x768) or more along with 5m cable
11. Motorized Pan Tilt Zoom HD camera of 720p resolution along with 5m cables. Camera should be controllable from hand held remote control of the VC system and shall have minimum 10x optical zoom. Mounting structures required to mount the cameras on top of LCD/wall should also be supplied. The HD camera should be capable of working in normal illumination conditions.
12. Two nos. of high quality microphones along with minimum 7.5m cable for pickup from 5 feet or more distance. (Separate or extended mode)
13. Shall have input to connect additional Microphone for better audio pickup.
14. Shall support additional high quality microphone with 7.5 mts cable.
15. One Line level Auxiliary audio input to connect with external audio system
16. One Line level audio output to connect with external audio system
17. Shall have suitable interface to record the on-going video conferencing session along with mixed audio (Local and far-end) either using internal memory/USB Stick/External Memory card or shall have HDMI/VGA/S-video/Composite Video along with Mixed audio for recording the Videoconferencing session using external DVD/DV/any other device for a duration of 3 to 6 hours session.
18. Easy to use hand held remote control with operating distance of 30 feet
19. Auto sense Ethernet port (LAN) for connecting to IP network
20. Should support Static IP and DHCP IP addressing
21. Should support IPv6.
22. Support for working behind Network Address Translation (NAT) & Firewall traversal
23. Support for Global Directory-Display of active participants /H.350/ LDAP protocol
24. Support for sending SNMP alerts for various events
25. Support for E.164 dialing using H.323 Gatekeeper
26. Easy software upgrades through LAN port/USB port
27. Web based management for videoconferencing endpoint.
28. Should be interoperable with H.323 compliant High Definition/Standard Definition VC systems/MCU
29. Should be capable to share the presentation through LAN connectivity.
30. Systems shall support multipoint feature with at least 1+3 sites on ISDN/IP.
31. Mounting structures required to mount the set-top VC system on top of LCD/wall should also be supplied.
32. Operating conditions: 230 volts, 50 Hz and PAL video standard
33. Five year warranty for all hardware components (advance replacement in field)
34. Five year free software subscription for all major and minor software releases

Annex - 2  
Display Systems

**Item No.6: Specifications for 52" (132 cm) or more LCD/LED TV to be used with Videoconferencing Endpoints:-**

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1. 65" or more size 1080p HD LCD/LED TV/Monitor to work with above Videoconferencing system
2. Shall have at least 2 HDMI/DVI inputs
3. one 15 pin D-sub input for PC connectivity along with Audio
4. Shall have one Component Video input along with Audio
5. S-video/Composite Video input along with Audio
6. Built-in 10W+10W audio amplifier with speakers
7. OEMs Table Top Stand and Wall mount kits for installing the HD monitor
8. Shall Operate with Remote controller.
9. Operating conditions: 230 volts, 50 Hz and PAL video standard

Annex 3

ROLL ABOUT TROLLEY FOR PLACING LCD/LED TV/Monitor

- 1 Should be made of sturdy and strong material to provide a long lasting life
- 2 The color of the trolley should match aesthetically with the proposed LCD/LED TV/Monitor.
- 3 Should have an height of a standard conference table such that the view angle of the TV is not obstructed
- 4 Should be movable with the help of Lockable Wheels fixed in the legs of the trolley
- 5 Should have a Power Distribution Box with 4 nos. of 5 Amp. Power points with Spike Buster and MCB
- 6 The Power Distribution Box should be connected with a 10 mtrs. Power Cable



**Annex 4**  
**UPS Specs**

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<b>1000 VA LINE-INTERACTIVE UPS with 30 Minutes Battery Backup</b>		
<b>S.No.</b>	<b>Parameters</b>	<b>Required Specifications</b>
1	Technology	PWM using MOSFET / IGBT
2	Input Frequency	47 to 53 Hz.
3	Input Voltage Range	140V to 270V
<b>AC OUTPUT</b>		
<b>A</b>	<b>Mains Mode</b>	
4	Voltage	200V to 250V
5	Frequency	Synchronized to supply
6	Load PF	0.8 lagging to unity
<b>B</b>	<b>Inverter Mode</b>	
7	Voltage	230 Volts +/- 2%
8	Frequency	50 +/- 0.5 Hz
9	Voltage Regulation	± 3%
10	Freq. Regulation	50 +/- 0.5 Hz
11	Load PF	0.7 lagging to unity
12	Transfer Time	<5 millisecond.
13	Efficiency	> 75%
14	Waveform	Quasi Sine wave
<b>C</b>	<b>OTHERS</b>	
15	Battery (For 60 min.)	SMF (Exide / CSB / Panasonic / Yuasa-Japan / Amararaja / Orchid / Hitachi make)
	DC bus voltage	≥24V ≤72V (not more than 2 battery banks in Parallel)
16	Load capacity	1000 VA / 700W
17	Backup time	60 Minutes on (full non linear) load
18	Charging current	≤10% of rated capacity
19	Recharge time	< 8 hours
20	Operating temp.	0 deg. To 45 deg. C
<b>D</b>	<b>PROTECTIONS</b>	
21	Short circuit	Elect. Curr. limit On Inv. & MCB protection on Main mode
22	Surge / Spikes	Thru Line filter
<b>E</b>	<b>Overload Protection</b>	
23	<b>DISPLAY</b>	<b>Required</b>
		UPS Status (On/Off)
		Load Status (Mains/Inverter)
		Battery Status ( <b>Charge Level</b> )
		Low Battery
24	<b>ALARMS</b>	Main failure
		Low Batt. 3-4 min.
		Fault conditions
25	O/P Terminals	AC Output terminal/strip of 15A ISI along with output Indian socket of Good quality (min. 03 no. 5A-15A/230V ISI)
<b>Note:</b> All the functional tests will be carried out on Full load (Non linear) @ 0.7 (Lag) PF		