



डेडीकेटेड फ्रेट कोरीडोर कार्पोरेशन ऑफ़ इंडिया लि.
Dedicated Freight Corridor Corporation of India Limited
(भारत सरकार का उपक्रम)
(A Govt. of India Enterprises)
5th Floor, Pragati Maidan Metro Station Building Complex, New
Delhi -110001 Ph-011-23454700, Fax-23454701

No. HQ/GGM/S&T/WC-I/MD/ VC System

Dated: 10/01/2020

To

Sub: Calling of E-quotation for “Supply, Installation, Testing and commissioning of Video conferencing system at 4th floor Conferencing room and 5th floor MD/meeting Room with maintenance support for three year compatible with existing MCU and Media suite of Polycom Video Conference System in corporate office of DFCCIL, New Delhi”

Dear Sir

Please arrange to submit your quotation online using the link www.tenderwizard.com/DFCCILon or before 15:00 Hrs. of 17/01/2020 for the subject item. The Quotation shall be opened online on www.tenderwizard.com/DFCCIL at 15:30 Hrs. on 17/01/2020 at the Dedicated Freight Corridor Corporation of India Limited (DFCCIL), 4th Floor, Pragati Maidan, Metro Station Building Complex, and New Delhi-110001.

1.0 Instructions to Agencies for Online Quotations:

- 1.1 The Quotation can be submitted Online on www.tenderwizard.com/DFCCIL on or before 15:00 Hrs. of 17/01/2020. The Quotation will be opened online on 17/01/2020 at 15:30 Hrs. on www.tenderwizard.com/DFCCIL.
- 1.2 Quotation shall be submitted through online mode only at www.tenderwizard.com/DFCCIL. Quotation submitted by any other mode will not be accepted.
- 1.3 It is mandatory for all Agencies to have Class-III Digital Signature Certificate (in the name of person who will submit the online quotation from any of the Licensed Certifying Agencies ('CA') [Tendered can see the list of licensed CAs from the link www.cca.gov.in] to participate in e-quotation of DFCCIL.
- 1.4 To participate in E-Quotation, it is mandatory for Agencies(s) to get themselves registered with the Tender wizard (www.tenderwizard.com/DFCCIL) and to have user ID and password. Agencies have to pay necessary Registration charges/processing fees to M/s ITIL through e-payment. Already Registered Agencies at www.tenderwizard.com/DFCCIL need not to pay registration charges to M/s ITIL.
- 1.5 **www.tenderwizard.com/DFCCIL is the only website for submission of quotation. 'Vender Manual' containing the detailed guidelines for E-Tendering is available on www.tenderwizard.com/DFCCIL.**

- 1.6 Modification/Substitution/Withdrawal of Quotation:**
- 1.6.1 Agencies(s) may modify, substitute, or withdraw their quotation after submission prior to 15:00 Hrs. on 17/01/2020 (Last Date & Time for Quotation) Submission termed as Quotation Closing Date & Time). No Bid shall be modified, substituted, or withdrawn by Agencies after Quotation Closing Date & Time.
- 1.6.2 For modification of financial offer, Agency has to detach its previous offer from www.tenderwizard.com/DFCCIL and then upload digitally signed modified offer. For withdrawal of Quotation, Agency has to click on withdrawal icon at www.tenderwizard.com/DFCCIL.

Before withdrawal, it may specifically be noted that after withdrawal of Quotation, for any reason, Agency cannot resubmit their quotation again.

1.7 Signing of Quotation:

- 1.7.1 This Quotation being E- Quotation, the Digital Signature obtained from Approved Controller of Certifying Authorities (CCA) shall only be considered as authentic for submission of quotation.
- 1.7.2 For submitting the Quotation, the Authorized Signatory shall be the Digital Signatory. In case, the Authorized Signatory and Digital Signatory are not the same, the bid shall be considered non-responsive and will be rejected.
- 1.8 Deadline for Submission of Quotation:
- 1.9 Agencies must ensure to complete the Quotation submission process in time as www.tenderwizard.com/DFCCIL will stop accepting any Online Quotation after Quotation Closing Date & Time.

1.10 Help-Desk for E-Quotation:

For Any Clarification, Help and Registration for E-Tendering/ Quotation and for obtaining Digital Signature, Contact at www.tenderwizard.com/DFCCIL (**Tenderwizard helpdesk: 011-49424365, 9599653865**) and on dfccil Telephone No. 011-23454766 or Mobile No. 9717636895.

1.11 Availability of Quotation Documents:

- (a) Quotation Document can be downloaded from www.tenderwizard.com/DFCCIL. Agency who wishes to view Quotation Document can visit www.tenderwizard.com/DFCCIL.
- (b) DFCCIL may issue Corrigendum to the Quotation Document which shall be placed on website www.tenderwizard.com/DFCCIL only and at least 2 days in advance of date fixed for Opening of Quotations.

- 1.1.3 The Agencies shall keep their offers open/valid for a minimum period of 45 days from the date of opening of Quotations. The Agency cannot withdraw their offer within the period of Validity.
- 1.1.4 The Complete Quotation Document including Corrigendum digitally signed would be uploaded at www.tenderwizard.com/DFCCIL in 'Document Library'.
- 1.1.5 Financial Bid (Microsoft Excel File) is to be downloaded from website www.tenderwizard.com/DFCCIL and then is to be filled, saved and uploaded (through Digital Signature) on the same website.

2.0 Terms and Conditions: Scope of Work as per Quotation

- 2.1 Period of Contract: One month from the date of issue of Letter of Acceptance.
- 2.2 Delivery: Delivery /execution of work is required at the DFCCIL Corporate Office, New Delhi as per the Requirements of Material /work by the DFCCIL.

2.3 Terms of Payment:

- i. No advance payment shall be made.
- ii. Full & Final Payment after deducting TDS/statutory levies as applicable shall be made after successful completion of the work against Security Deposit (SD) amounting to 10% of total value, on submission of Bill in duplicate along with a Successful Installation report by DFCCIL representative. **GST shall be paid as per applicability based on the documentary proof.**
- iii. The statutory deduction of TDS, etc., shall be made from payment and deduction of any levied penalty.
- iv. The rate quoted by the Agency shall be inclusive of GST. Bill/Invoice should be submitted in duplicate, duly signed, and stamped by the Contractor. GST shall be reimbursed based on the documentary proof.
- v. Payment to the Contractor shall be made through Electronic Clearing System (ECS). The Contractor shall submit complete bank details/NEFT Mandate Form issued by their bank.
- vi. Tax Deducted at Source (TDS) will be deducted from the payment due to the Contractor as per rules of the State/Central Government as applicable.
- vii. Payment shall be made based on the actual for accepted work only.

2.4 Inspection of the Material/ work:

Inspection of the Work will be carried out by representative of DFCCIL, who will be designated as Officer Incharge. The Officer Incharge shall have the power of General Supervision/Inspection and can reject the work if it does not conform to the desired standard and no payment shall be made for the rejected work. Decision of Officer Incharge will be final and binding. The work will be carried out as per Terms and Conditions, Specification and Schedule of Rates and Quantities. Payment will be made to the contractor in accordance with the Terms of Payment mentioned in Clause 2.3. The rates quoted by the contractor will be inclusive of all Labour, Material, and GST. No extra payment on any other account will be admissible to the contractor

2.5 Penalty:

- i. In case of any loss or damage, it shall be the liability of the contractor and DFCCIL at its discretion can deduct the total cost of damages or any part thereof from the bill of the contractor. The decision of DFCCIL in this regard shall be final and binding on the contractor.
- ii. In case if successful bidder is found in breach of any of the terms and conditions of the contract, the contract is liable to be terminated and no payment will be made.
- iii. In case of poor performance of the contractor, the contract is liable to be terminated and no payment shall be made.
- iv. The contractor shall indemnify the DFCCIL on all accounts.
- v. Regarding the imposition of penalty, the decision of the DFCCIL shall be final and binding.

2.6 Paying Authority: DGM/FIN/PR/ DFCCIL or his/her representative is the paying authority.

2.7 Quantity Variation:

Variation against ordered quantity is permissible upto +/- 25% at the discretion of DFCCIL on same rates, terms, and conditions.

2.8 As per GST Act, Anti Profiteering Measures shall be taken. Successful Agency shall pass Input Tax Credit to DFCCIL and shall give Declaration within 3 days from the date of issue of Letter of Acceptance in the Format as per Annexure C.

2.9 Warranty :

Comprehensive Warranty Material and Workmanship is for a period of 12 months from the date of successful completion of work. During this period, any defect due to material or workmanship shall be attended /replaced free of cost by the contractor within a period of one week. In addition to this, in addition Manufacturer's Warranty is also applicable.

3.0 Security Deposit:

The Contractor has to submit a Security Deposit (SD) equal to 10% of the Total Accepted Cost of Material as per the Letter of Acceptance for Warranty period within 7 days from the Date of Issue of Letter of Acceptance. The SD may be deposited in the form of a Demand Draft/Banker's Cheque issued by any Nationalized/Scheduled Bank in favour of DFCCIL,

New Delhi, payable at New Delhi. The SD shall be refunded without interest, after 60 days of the completion of warranty.

4.0 Goods shall be supplied strictly in accordance with Technical Specification and Schedule of Rates & Quantities.

5.0 Public Procurement Policy for Micro and Small Enterprises (MSEs) is being followed. Participating MSE shall enclose with their offers the proof of their being MSE registered with any of the agencies mentioned in the notification of Ministry of MSME indicated below:

- i) District Industries Centers.
- ii) Khadi and Village Industries Commission.
- iii) Khadi and Village Industries Board.
- iv) Coir Board.
- v) National Small Industries Corporation.
- vi) Directorate of Handicraft and Handloom.
- vii) Any other body specified by Ministry of MSME

The MSEs must also indicate the terminal validity date of their registration. MSEs owned by Scheduled Castes or Scheduled Tribes (SC/ST) Entrepreneurs may be indicated and proof of same may be enclosed.

As advised by Ministry of Finance, Government of India vides Office Memorandum No. F.5/4/2018-PPD Dated 28/02/2018 and forwarded by Ministry of Railways vide Letter No. 2016/PL/56/1 Dated 19/03/2018, the MSE Bidders must declare their Udyog Aadhar Memorandum (UAM) Number issued by Ministry of MSME on Central Public Procurement Portal (CPPP), in order to identify themselves as MSE Vendors, failing which they will not be able to enjoy the benefits as per Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 Dated 23.03.2012, issued by Ministry of MSME. The MSE Bidders shall enclose Documentary Proof for the same

6.0 Resolution of Disputes and Arbitration:

In the event of any dispute or difference whatsoever arising under this contract or in connection therewith including any dispute relating to existing meaning and interpretation of this contract, shall be settled amicably through mutual negotiation by the parties. In case, there is no amicable settlement of disputes, the same shall be referred to the sole arbitrator as appointed by DFCCIL. The Arbitration shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act 1996. Notwithstanding any disputes between the parties, the Agency shall not be entitled to withhold, delay, or defer its obligations, under the contract, and the same shall be carried out in accordance with the terms and conditions of the contract

6.1 Force Majeure:

- (a) For the purpose of this contract, "Force Majeure" means an event which is beyond the reasonable control of a party which makes agency's performance of its obligations under the contract impossible or so impractical as to be considered impossible under the circumstances.
- (b) The failure of a party to fulfil any of its obligations under the contract shall not be considered to be a breach of, or default under this contract in so far as such inability arises from an event of Force Majeure, provided that the party affected by such an event(s) has taken all reasonable precautions, due care and reasonable alternative measures in order to carry out the terms and conditions of this contract and has informed the other party as soon as possible about the occurrence of Force Majeure condition.

6.2 Quotation shall be valid for a period of 45 days from the date of opening.

6.3 DFCCIL reserves the right to modify, expand, restrict, scrap, and re-invite the quotations without assigning any reason.

- 6.4 Agency willing to participate may visit the DFCCIL corporate office before Submitting their e-quotation online.
- 7.0 SPECIAL CONDITIONS OF CONTRACT:**
- 7.1 Indian Railways / DFCCIL General Conditions of contract as valid on date of opening of tender with correction slips will be applicable in this contract.
- 7.2 The entire work will be executed under the supervision of DFCCIL Engineer-in-charge or his authorized representative at site.
- 7.3 Eligibility Criteria:**
- 7.3.1 The Bidder should be:
Either the original equipment manufacturer(OEM) for the concerned equipments/systems being quoted for, the OEM(S) shall give an undertaking that they will support availability of spares and/or software/ firmware including services for at least 5 years after expiry of warranty period.
OR
Authorized agency certified by the respective OEM(s) for supply, installation and commissioning of the concerned equipments/systems being quoted for.
To this effect, the prospective bidder must have an OEM letter/certificate to ensure that the OEM(S) shall give support availability of spares and/or software / firmware including services for at least 5 years after expiry of warranty period.
The letter/ Certificate shall also incorporate a clause that the OEM's authorized technical inspector shall carry out pre-commissioning inspection of work at the site and certify that the material used for installation are of proper quality, installation and configuration etc. of the system have been done properly and technical documentations have been supplied with the system.
- 7.3.2 The bidder should have Working Capital of at least Rs. 2 crores or more as per the audited financial result for the financial year 2018-19. If the working capital of the bidder is inadequate, then the bidder should supplement this with letter from bank, confirming the availability of line of credit for at least Rs. 50 lacs.
Authentic Certificates shall be produced by the Bidder(s) to this effect which may be an attested Certificate from the employer / client, Audited Balance Sheet duly certified by the Chartered Accountant etc.
- 7.4 Unless specified otherwise, the rate accepted are inclusive of all loading, unloading, Handling, transportation and all other charges and taxes and including GST leviable by the Govt. from time to time.
- 8.0 Scope of Work: As per Annexure**

Encl:

- (a) Scope of Work (Annexure –A)
(b) Schedule of Rates and Quantities (Annexure-B)
(c) Declaration for DFCCIL (Annexure -C)

SURENDER KUMAR
JGM/S&T/WC-I
FOR DFCCIL
Mob. No. 9717636895

SCOPE OF WORK

Name of Work: “Supply, Installation, Testing and commissioning of Video conferencing system at 4th floor Conferencing room and 5th floor MD/meeting Room with maintenance support for three year compatible with existing MCU and Media suite of Polycom Video Conference System in corporate office of DFCCIL, New Delhi”

- 1 The work shall be executed on holidays in presence of DFCCIL representative with prior intimation to the Engineer- in- charge or after office working hours as space available.
- 2 Work shall be carried out as per standard specification as mentioned below.
- 3 Bidders are advised to visit the site during working hours from 10 am to 5 pm (Monday-Friday) & acquaint themselves with the installed Polycom Video Conferencing system and quote accordingly.
- 4 The Bidder is required to provide complete comprehensive Video Conferencing solution, which should be compatible and integrated with the existing Video Conferencing system, detailed as under:

Details of the existing VC system:

- i. Polycom MCU (25-port): RMX 2000 (at CO)
- ii. Polycom HDX 8000 HD (at CO)
- iii. Systems at other sites: Polycom Group 500
- 5 VC devices are to be installed at Corporate Office, 4th floor Conference Room and MD Meeting room at 5th floor Pragati Maidan metro station complex, New Delhi.
- 6 The complete VC system is also required to be smoothly integrated with the existing Video Conferencing devices available with DFCCIL (as detailed above).
- 7 The vendor is required to provide and configure all software up gradations or firmware updates from time to time. All system software will be licensed to Dedicated Freight Corridor Corporation Ltd. as per terms of licenses. All updates for the license software should be provided as per terms of licenses.
- 8 Fine tune the VC Infrastructure to join Video Conferencing over internet.
- 9 Submission of manuals after installation and configuration:
- 10 The overall system shall be handed over to the satisfaction of the purchaser after successful Acceptance by DFCCIL as per terms of the contract.
- 11 The vendor has to ensure complete end to end functionality of the VC system with internal users, external users and mobile users. The vendor has to demonstrate all the functionalities and features of the system as per requirements mentioned in specifications and scope of work.
- 12 The Vendor will prepare and submit the Installation Report mentioning complete details of VC devices and other Equipment’s including serial no. after completion of work.
- 13 All jobs, whether mentioned explicitly in this Quotation document or not, but required for completion of work during installation shall be the total responsibility of the successful bidder.
- 14 Any other items (Equipment, Hardware / Software or licenses) required making system fully operational, not specifically mentioned in schedule of works will also be in the scope of the bidder.
- 15 The Bidder is advised to visit site before quoting for above requirements, between office timings (Monday-Friday). Contractor shall offer the solution after studying the existing VC setup and DFCC’s network. Contractor is deemed to have understood the DFCCIL existing infrastructure like VC system, DFCCIL network, type of connectivity, etc.

- 16 The bidder shall offer complete solution on turn-key basis involving all aspects of required components along with comprehensive responsibilities of installation, configuration, integration, commissioning & warranty support for the supplied equipment.
- 17 The supplied items by the Contractor shall be the proven new products of the respective OEMs with all necessary accessories and components to meet the scope requirements of this project.
- 18 Registration of the complaint: The Bidder shall have arrangement to receive complaints during normal service hours. Outside normal service hours and during emergencies special telephonic support shall be made available. The Contractor shall advise the details for registering complaints viz. service person's name, mobile/phone number, email id etc for prompt registration of the complaint. Within 2 weeks of issue of LOA, the Escalation Matrix shall be submitted to the employer. Escalation Matrix shall contain Names, Designation, Address, Contacts (Mobile/Landline) and email id's of the first level and higher level service personnel.
- 19 In emergency cases, the contractor might be asked to provide services beyond normal working hours and on holidays at no extra cost.
- 20 Bidder shall make arrangements for telephonic support via public network and remote diagnostics i.e. fault localization for hardware problems if possible via remote access. Telephonic support shall also be provided to DFCCIL for-general questions on system configuration, on installation and questions relating to operation of the system, regulation information about new technical development on the system, i.e. new hardware and software releases, recommendations and useful tips. Bidder shall provide availability of telephonic consultation with product- specific and system-specific specialists during Normal Service Hours.
- 21 For such failure which cannot be rectified through remote diagnostic support, the rectification shall be effected with onsite deployment of the service technician by Bidder.
- 22 Normal service hours are Monday to Friday from 10.00 AM to 5.00 PM (excluding Holidays).If any Service support work is required to be carried out on Saturday & Sunday or any Gazetted Holidays, the contractor will give at least 24 hours advice to the DFCCIL.
- 23 Any other item/activities associated with proper functioning of supplied system with the existing Video Conferencing system deemed to have been included in the scope of work.
- 24 In order to attend breakdowns of the supplied system, the engineering works and electrical works required if any, shall be in the scope of work.
- 25 The contractor shall provide operational support for Administration and configuration of VC System, etc. as and when required at DFCCIL HQ.
- 26 The successful bidder shall maintain adequate inventory for parts/spares/system/sub-system for DFCCIL and/or its unit. In case of the item/spare parts being not available due to any reason, the bidder shall provide an equivalent or latest item/spare part in lieu of the original item/spare part subject to the approval of the DFCCIL, to avoid any hindrance in the functioning of DFCCIL's VC system.
- 27 The contractor will depute technically qualified, competent and experienced staff in adequate number for the work.
- 28 The work is to be carried out as per International Norms/Standards and in such a manner that all premises always look Neat & Clean.
- 29 The Man-power deployed by the contractor shall carry proper and valid I-Card with them while carrying out the work at the sites.
- 30 **Warranty:**
Comprehensive Warranty Material and Workmanship is for a period of 12 months from the date of successful completion of work. During this period, any defect due to material or workmanship shall be attended /replaced free of cost by the contractor within a period of one week. In addition to this, in addition Manufacturer's Warranty is also applicable. During the period, any software up gradation of the supplied items will be done without any cost implication to DFCCIL.

- 31 The bidder shall submit certificate from OEM/authorised dealer/stockist, guaranteeing the warranty of the supplied products.
- 32 In case of any malfunction in Hardware or Hardware Failure or Devices provided in supplied items are beyond repairable, Vendor has to immediately replace faulty devices with brand new device of same or higher configuration during the entire warranty period.
- 33 **Service support during warranty period:**
- 34 In case of any breakdown in functionality of supplied items, the vendor shall be intimated by e-Mail or phone. The vendor has to attend and resolve the problem within 24 hours once the complaint has been informed to them.
- 35 In case vendor is not able to resolve the issue within 24 hours, The Vendor has to provide standby equipment's to ensure complete functionality of supplied items without any extra cost to DFCCIL.
- 36 If any functionality or equipment of supplied items remains down for more than two complete working days without any standby, then for each such instance, Rs. 5000/- will be booked as penalty for each day equipment was down.
- 37 However, the total combined penalty against breakdown for whole warranty period will be up to a maximum of amount of SD. In case total penalty reaches the maximum value, SD will be encashed and vendor may not be considered for future enquiries. SD will be released only after depositing of penalty amount to DFCCIL by the vendor as applicable.
- 38 The vendor will guarantee that all the material to be supplied is brand new, original including all components.
- 39 **Training:-**
 - i. The Bidder shall provide training on installation, equipment, administration, operation & maintenance and troubleshooting to one batch of 4-5 officials of DFCCIL at New Delhi.
 - ii. The duration of training shall be 1 day where hands on training sessions should also be given. The training should also cover administration, operation & maintenance of the equipment's used.
- 40 **Deliverables by DFCC:**

230V AC, single phase at 50 Hz supply (UPS supply, regulated supply) will be made available by DFCCIL to the Contractor.

The space required for installation of the equipment shall be made available by DFCC to the Contractor.
- 41 DFCCIL reserves the right to modify, expand, restrict scrap or re-invite quotations without assigning any reason.
- 42 The office of the Bidder shall preferably be located in Delhi/NCR. Proof of Address has to be submitted along with quotations.
- 43 The offer must clearly comply and confirm (Yes/No) against each and every specification of the supplied items. The exact specification offered must also be written clearly in the specification of supplied items.
- 44 The specifications for supplied items are indicative of minimum requirement. Better/Higher specifications / models shall also be considered compatible to the existing Polycom VC System.
- 45 The offer must contain detailed technical specifications, technical literature/ brochures of the make and model offered.

46 TECHNICAL SPECIFICATION:

Sr. No.	Item Description	Item Specifications Desired	Qty
1	Distribution Amplifier	SITC of four output HDbaseT distribution amplifier or better per as per site requirement. Approved Makes: Extron or AMX or similar	1
2	Audio DSP	SITC of Digital audio processor with wide band Acoustic Echo Cancellation (AEC) for telephone and video conferencing. Support of Auto mixer functionality for multiple microphone applications along with Multiple formats IP-based audio networking for ease of integration. 12 analogue universal mic/line inputs and 8 electronically balanced low impedance line level outputs. Support of USB audio connection for integration with computer based conferencing systems. The DSP should have Ethernet port for software configuration and remote control via CAT5/5e cable and RS232 connector for interfacing with 3rd party control systems. Approved Makes: Extron or AMX or similar	1
3	Media Switcher	SITC of 4K Media Switcher with Control Processor- having 6 HDMI ,2 DTP IN and 2 HDMI ,2 mirror DTP with control processor & required license Approved Makes: Extron or AMX or similar	1
4	VC Device	SITC of RealPresence Group 500-720p: Group 500 HD codec, EagleEyeIV-12x camera.mic array, univ. remote, NTSC/PAL. Cables: 1 HDMI 1.8m, 1 CAT 5E LAN 3.6m, 1 HDCl digital 3m, Power: India BIS. Approved Makes: Polycom	2
5	Cable Cubby	SITC of Cable cubby having manual tilt up lid. It should be with one retractable HDMI, one retractable VGA & Audio, one retractable Ethernet cable and 2 universal power supply. It should have scope for expansion in future. Extra component or equipment may be added to match the complete specs Approved Makes: Extron or AMX or similar	4
6	HDMI Transmitter	SITC of HDBaseT Digital Transmitter having at least 1 RGB/VGA input and 1 HDMI Input Connectors, should have a built in 2X1 switch for the RGB/HDMI Inputs, should have only 1 standard STP/UTP output, it should have stereo audio input for the VGA/RGB Input, should be capable of handling EDID management, should have 10/100 Ethernet connection via LAN Port. It Should support 1080p & 4K@60Hz with chroma sampling of 4:2:0. It should be able to transmit 4K signal over Cat6 (HDBaseT) up to minimum 100m. It should have capability of local audio embedding and de-embedding. It must be UL and CE listed. It should be supplied with under table mount. Any extra component or equipment may be added to match the complete specs. or latest Approved Makes: Extron or AMX or similar	2
7	HDMI Receiver	SITC of HDBaseT Digital Receiver having 01 standard STP/UTP input, should have minimum (01) HDMI Output, should have minimum (01) RS-232 port, should support bi-directional RS-232 and IR signals, should support a minimum data rate of 10Gbps, should carry HDMI signal over 70m, should be HDTV and HDCP compatible, should have 2K and 4K support, should have 3D pass through, should have support for Deep Color, Lip Sync, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD, CEC. or latest Approved Makes: Extron or AMX or similar	6

8	Misc. items	Two Input DTP Transmitter of Makes: Kramer or Extron or Crestron. SITC of all Cables & Connectors as required at site. Approved Make of all Cables: Extron or AMX or similar. Any other cable required at site for the tender will be provided by bidder.	2
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47. COMPLIANCE SHEET:

Sr. No.	Item Specifications Desired	Compliance Yes/No
1.	Supply, Installation, Testing, Commissioning (SITC) and Maintenance of Two Full HD Video Conferencing and compatible with existing Polycom MCU and video Conference Recording Systems.	
3.	Video Conferencing System should also be compatible with third party solutions Skype/ Zoom/ Cisco etc.	
4.	Video Conferencing System should be compatible with these installed display units– I.MD meeting Room II 4th floor conference room	
5.	Video Conferencing System should support the resolution of at least 720p, support video coding protocol -H.263, H.264AVC, H.264SVC, H.264High Profile, with 60 fps.	
6.	The entire Video Conferencing System should also be compatible with existing audio/ visual infrastructure at 4th floor.	
7.	There should also be a provision to connect Video Conferencing System with a Laptop / Desktop for sharing the screen / presentations and to connect other digital equipment, with an option to play the content from pen drive and other media devices through HDMI/USB ports.	

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SCHEDULE OF RATE AND QUANTITIES

Name of Work: “Supply, Installation, Testing and commissioning of Video conferencing system at 4th floor Conferencing room and 5th floor MD/meeting Room with maintenance support for three year compatible with existing MCU and Media suite of Polycom Video Conference System in corporate office of DFCCIL, New Delhi”

No.: HQ/GGM/S&T/WC-1/MD/ VC System

SN	Description	Unit	Qty.	Unit Rate excluding taxes (Rs.)	Tax (Rs.)	Total Rate including Taxes (Rs.)
a	b	c	d	e	f	g=e+f
1	Supply of RealPresence Group 500-720p: Group 500 HD codec, EagleEyeIV-12x camera.mic array, univ. remote, NTSC/PAL. Cables: 1 HDMI 1.8m, 1 CAT 5E LAN 3.6m, 1 HDCI digital 3m, Power: India BIS. Compatible with existing Polycom make Multi-party video conference system (as per Technical Specification)	set	2			
2	Partner Premier, three Year, RealPresence Group 500-720p: Group 500 HD codec, EagleEyeIV-12x camera.	service	2			
3	Supply of 4K Media Switcher with Control Processor- having 6 HDMI, 2 DTP IN and 2 HDMI ,2 mirror DTP with control processor & required license as per Technical Specification.	piece	1			
4	Supply of Two Input DTP Transmitter for HDMI and VGA with Audio Embedding - Decorator-Style Wall plate as per Technical Specification.	piece	2			
5	Supply of Audio DSP having 12 Audio input with AEC and 8 outputs as per Technical Specification.	piece	1			
6	Supply of HDMI Transmitter as per Technical Specification.	piece	2			
7	Supply of HDMI Receiver as per Technical Specification.	piece	6			
8	Supply of Four Output HDbaseT Distribution Amplifiers as per Technical Specification.	piece	1			
9	Supply of Ultra Flexible Premium High Speed HDMI Cable, 3 Feet as per Technical Specification.	piece	2			

10	Supply of Ultra Flexible Premium High Speed HDMI Cable, 6 Feet as per Technical Specification.	piece	12			
11	Supply of High Speed HDMI Cable, 35 Feet as per Technical Specification.	piece	2			
12	Supply of Shielded Cat6 cable - 305 Mtr as per Technical Specification.	piece	1			
13	Supply of Shielded Cat6 Connector (10 Piece pack) as per Technical Specification.	piece	3			
14	Supply of Glass shelf for VC camera	piece	2			
15	Supply of Other Cable & Connectors as per Technical Specification.	piece	2			
16	Supply of Cable Cubby having universal power points with 6 pass through holes for HDMI and other cables	piece	4			
17	Installation, Commissioning & testing of above items.	Job	2			
Total (in figure) Rs.						
Total (in words) Rs.						

Note: -

The rates quoted above, for all the items, shall be based on the details mentioned in Scope of Work.

Rate quoted by the Bidder shall be firm & inclusive of all taxes and duties leviable. The price shall include loading, unloading, handling of material, banker's charges, Insurance premiums, any fee to comply statutory labour laws and other incidental charges etc. GST shall be paid as per applicability based on the documentary proof.

Signature of the Bidder(s)

Address:

Date:

DECLARATION FOR DFCCIL

This is to confirm that I, _____ (name of concerned person of vendor), _____ (designation of this person) at _____ (name of the agency), have passed the benefit of input tax credit available on the _____ (goods/services) having HSN _____ supplied to the Dedicated Freight Corridor Corporation of India Limited after introduction of Goods and Services Tax w.e.f. 1st July, 2017.

Further, it is to confirm also that in case _____ (name of the agency) will receive any further benefit in future after 1st July, 2017 by way of availing input tax credits which were not allowed to be availed before 1st July, 2017 or reduction in tax rates or in any other manner which results in reduction of cost of the _____ goods/services supplied to the Dedicated Freight Corridor Corporation of India Limited, than we will pass that benefit to the Dedicated Freight Corridor Corporation of India Limited also.

Signature of the Authorized Representative of Agency

Name of the Authorized Representative of Agency

Designation

Name of the Agency

-----End of the Quotation Document-----