



Bid Number/बोली क्रमांक (बिड संख्या):  
GEM/2024/B/5316822  
Dated/दिनांक : 29-08-2024

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	19-09-2024 18:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	19-09-2024 18:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	180 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Gujarat
Department Name/विभाग का नाम	Urban Development And Urban Housing Department Gujarat
Organisation Name/संगठन का नाम	N/a
Office Name/कार्यालय का नाम	Bhavnagar Municipal Corporation
Total Quantity/कुल मात्रा	2
Item Category/मद केटेगरी	Video Conferencing End Point (Q2) , Professional Large Format Display (Q2)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	12 Lakh (s)
OEM Average Turnover (Last 3 Years)/मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)	92 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	3 Year (s)
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance/विगत प्रदर्शन	50 %

<b>Bid Details/बिड विवरण</b>	
<b>Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया</b>	No
<b>RCM Applicable/लागू आरसीएम</b>	Yes
<b>Type of Bid/बिड का प्रकार</b>	Two Packet Bid
<b>Primary product category</b>	Video Conferencing End Point
<b>Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय</b>	3 Days
<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Evaluation Method/मूल्यांकन पद्धति</b>	Total value wise evaluation

#### **EMD Detail/ईएमडी विवरण**

Advisory Bank/एडवाइजरी बैंक	HDFC Bank
EMD Amount/ईएमडी राशि	71000

#### **ePBG Detail/ईपीबीजी विवरण**

Advisory Bank/एडवाइजरी बैंक	HDFC Bank
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	39

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

#### **Beneficiary/लाभार्थी :**

Commissioner  
Bhavnagar Municipal Corporation, Urban Development and Urban Housing Department Gujarat, N/A,  
(Commissioner, Bhavnagar Municipal Corporation)

#### **MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता	No
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## MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	No
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1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
3. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.
5. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

### Section 9(3) Of GST/जीएसटी की धारा 9(3)

Where ever RCM is applicable, sellers (Regular GST registered seller who opted out of FCM , unregistered seller, seller registered under composition scheme)will be forced to put Zero GST and GST cess in their bids. Buyer will have liability of paying the GST and GST cess to the government on the specified rate mentioned by them in this Bid.

### Pre Bid Detail(s)

Pre-Bid Date and Time	Pre-Bid Venue
09-09-2024 13:00:00	Computer department, Bhavnagar Municipal Corporation, Sir Mangalsinhji Road, Bhavnagar-364001

### Video Conferencing End Point ( 1 pieces )

### Technical Specifications/तकनीकी विशिष्टियाँ

[\\* As per GeM Category Specification/जेम कटेगरी विशिष्टि के अनुसार](#)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Specification	<b>Type of End Point</b>	Point to Point, non upgradable
	Does it require mandatory registration with MCU	NA
	<b>Video Conferencing System Resolution</b>	4K, 30 fps, 4K, 60 fps Or higher
	Minimum Bandwidth Required for Specified video quality at End point/far-site end (Kbps)	512, 1024, 2048 Or lower
	<b>Type of Camera</b>	PTZ Or higher
	<b>Camera Positioning System</b>	Automatic Voice Activated, Face Detection Or higher
	Type of sensor	CCD, CMOS, MOS Or higher
	Camera Control (focusing, brightness, and white balance)	Automatic Or higher
	Multiple Camera System in case of Automatic Voice activated CameraTracking	Dual, Quad Or higher
	<b>Optical zoom</b>	10X, 12X, 20X, 22X, 30X Or higher
	Digital zoom	2X, 3X, 4X, 5X, 8X, 10X, 12X, NA Or higher
	Video coding support Protocol	H.264AVC, H.264 High Profile, H.265
	<b>System supports sharing of video and graphics content during the video call</b>	1080p, 30fps, 1080p, 60fps, 4k, 30fps, 4k, 60fps Or higher
	Number of microphone supported	3, 4, 5, 6, 7, 8 Or higher
	<b>Number of microphone supplied</b>	2, 3, 4, 5, 6, 7, 8 Or higher
	Number of camera support from the same OEM	3 Or higher
	Number of Ethernet connection points for System supports for RJ-45, 10/100/1000 Mbps Base-T Ethernet connection	1
	<b>Wi Fi Connectivity</b>	Yes Or higher
	<b>If Yes, Type of Wi Fi Connectivity</b>	Integrated Or higher
	System supports AES encryption video calls; System has Encryption On and Off capability	Yes
Shall come with easy to use infra-red hand held remote control / Touch Panel with operating distance	Yes Or higher	

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Number of Input DVI Ports	0, 1, 2 Or higher
	Number of Input HDMI or equivalent Ports	2, 3 Or higher
	Number of Output DVI Port	0, 1, 2 Or higher
	Number of Output HDMI or equivalent Port	2, 3 Or higher
	Number of output USB Port	1, 2 Or higher
	Calendering Feature	Yes Or higher
	<b>Recording @1080p on the end point</b>	Yes, No Or higher
	Type of Microphone	Omni Directional Or higher
	BIS Registration under CRS of Meity	NA
	UL/CE certification	Yes Or higher
	<b>On Site OEM Warranty (Year)</b>	3, 5 Or higher

#### Additional Specification Parameters - Video Conferencing End Point ( 1 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
4K PTZ Camera, 4K Codec, Omnidirectional Digital Microphone, Cables and 10inch Touch Controller from the same OEM	Yes
System should support inbuilt feature for wireless content sharing from Windows, MacOS, Android, iOS Smartphones and Tablet without downloading any application on the user device	Yes
system should have inbuilt functionality to use the VC system as an external camera and microphones when connected to a Laptop or PC over a single USB cable without using any external hardware	Yes

Specification Parameter Name	Bid Requirement (Allowed Values)
Bidder should submit the Ink signed MAF and Bidder should have office in Gujarat for local smooth service Support	Yes
Allowed Brand	Polycom/Cisco/Avaya

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट	RCM Applicable/लागू आरसीएम	GST as per RCM/रिवर्स प्रभार के अनुसार जीएसटी	GST Cess 1 as per RCM/रिवर्स प्रभार के अनुसार जीएसटी उपकर 1	GST Cess 2 as per RCM	Optional RCM/वैकल्पिक रिवर्स प्रभार
NA	NA	Yes	18%	NA	NA	No

#### Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Arvindbhai Gatorbhai Mer	364001, Bhavnagar Municipal Corporation, Mangalsihji Road, Bhavnagar	1	45

#### Professional Large Format Display ( 1 pieces )

#### Technical Specifications/तकनीकी विशिष्टियाँ

\* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Ungrouped	Technology	LED Backlit
	Screen Size (Diagonal) Minimum (cm)	216, 247, 228, 304, 254 Or higher
	Screen Type	Wi-Fi Screen Share HotSpot
	Panel Technology	Vertical Alignment (VA)
	Orientation	Portrait and Landscape
	Native Resolution (Pixels)	3840 x 2160 (UHD)
	Aspect Ratio	16:9

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	<b>Brightness (Nits) Minimum</b>	400, 450, 500, 600, 700, 1000, 1500, 2500, 3000, 4000, 550 Or higher
	Arrangement of Speakers	Inbuilt
	RS 232C Port	Available
	RJ 45	Available
	In built Sinage Software	Available
	<b>Duty Cycle</b>	24 x 7
	BIS Registration under CRS of Meity	Yes
	ROHS Compliance	Yes
	Accessories to be supplied : AC Power cord, remote control, user manual, wall mount bracket, necessary cables and connectors	Yes
	<b>On Site OEM Warranty (Year)</b>	3

#### Additional Specification Parameters - Professional Large Format Display ( 1 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
Display should have 4K XReality PRO , 4K HDR Processor X1 and supports HDR10, HLG, Dolby Vision	Yes
Display should have Android OS and minimum 16GB RAM ,Motion flow XR 240 at Native 60Hz	Yes
4 nos. HDMI ,USB 3.0 input ,Composite Video Input and Contrast Ratio min. 6000 1 or higher	Yes
HDMI cable and other Mounting Accessories must be supplied with Display, It must be supplied with floor stand if Customer will require and Cost Should be included	Yes
Allowed Brand	Sony/Samsung/LG

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details**

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट	RCM Applicable/लागू आरसीएम	GST as per RCM/रिवर्स प्रभार के अनुसार जीएसटी	GST Cess 1 as per RCM/रिवर्स प्रभार के अनुसार जीएसटी उपकर 1	GST Cess 2 as per RCM	Optional RCM/वैकल्पिक रिवर्स प्रभार
NA	NA	Yes	28%	NA	NA	No

**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा**

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Arvindbhai Gatorbhai Mer	364001,Bhavnagar Municipal Corporation, Mangalsihji Road, Bhavnagar	1	45

**Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें**

**1. Generic**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

**2. Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

**3. Service & Support**

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

**4. Service & Support**

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

**5. Service & Support**

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.



## 6. OEM

IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

## 7. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

## Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी

गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

**---Thank You/धन्यवाद---**



# BHAVNAGAR MUNICIPAL CORPORATION

Sir Mangalsinhji Road, Kalanala, Bhavnagar

## **TENDER DOCUMENTS**

**FOR**

**SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND  
MAINTANANCE VIDEO CONFERENCING END POINT AND VISUL  
UNIT(TV)**

**(WITH 3 YEARS OF ON-SITE COMPREHENSIVE WARRANTY)  
(SECOND ATTEMPT)**

**TENDER NO : BMC/COMPUTER/09/2024-25**

**COMPUTER DEPARTMENT,  
BHAVNAGAR MUNICIPAL CORPORATION,  
BHAVNAGAR, GUJARAT**

**JULY – 2024**

## **SECTION-1 : INSTRUCTION TO SUBMIT BID**

Online Bids need to be submitted on <https://gem.gov.in>. The tenders shall be of 2 bid system (Technical Bid & Commercial Bid). Manual bids will not be accepted. While submitting the bids online, the bidder shall read the terms & conditions and accepts the same in order to proceed further to submit their bid.

**1.1 SUBMISSION OF EMD:** Bidder has to submit Earnest Money Deposit (EMD) is Rs.71,000/- (Seventy one Thousand) in form of Demand Draft through online and original Demand Draft should be send physically before 24/09/2024.

Demand Draft of any Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative Banks or Rural Banks (operating in India having branch at Bhavnagar) in the name of “**Commissioner, Bhavnagar Municipal Corporation**” payable at Bhavnagar and must be submitted

**1.2 SUBMISSION OF TECHNICAL BID :** The bidder should upload the scanned copy of the entire following documents as part of the Technical bid and same should be send physically before 24/09/2024.

Sr. No	Type of Documets
1	Bid letter as per Annexure-A
2	Firm Registration Certificate like Memorandum and article of association or certificate of incorporation or partnership deed or registration certificate issued by registrar of firm/MSME etc.
3	Authorization letter for signing the bid document on behalf of the bidder as per Annexure-B
4	Annual turnover certificate for the last 3 years (Financial Year 2021-22, 2022-23 & 2023-24) as per Annexure-C
5	Income Tax returns for the last 3 years(Financial Year 2021-22, 2022-23 & 2023-24)
6	GST Registration Certificate
7	PAN Card
8	E.P.F. Registration Certificate (If EPF not applicable, then bidder has to provide “Disclosure of EPF not applicable” as per Annexure-D)
9	E.S.I.C. Registration Certificate. (If ESIC not applicable, then bidder has to provide “Disclosure of ESIC not applicable” as per Annexure-E)
10	Non-Blacklist declaration as per Annexure:-F [A self-declaration (as per Annexure-F) on Rs.100/- stamp paper and it should be original government notarized copy or duly attested by the First class Magistrate]

Sr. No	Type of Documets
11	References of work experience as per Annexure-G <b>Note:</b> Provide copies of Purchase Order(PO) / Work Order(WO) for proof of experience.
12	Bidder or OEM should have ISO certificate and Furnish same
13	OEM Authorization Certificate as per annexure-H
14	Compliance sheet as per Annexure-I
15	Staff detail with complete escalation channel as per Annexure-J
16	Site visit certificate issue by EDP department of Bhavnagar Municipal Corporation

**Note:-Bidder MUST NOT mention rates in Technical Bid.**

### 1.3 SUBMISSION OF COMMERCIAL BID :

Commercial/Price bid must be submitted online only on <https://gem.gov.in> portal. Price should be quote with inclusive of all Taxes.

### 1.4 HOW TO SUBMIT HARD COPY OF TENDER DOCUMENTS/COVER

#### 1.4.1 EMD COVER

The EMD must be submitted in a separate cover and this cover must be superscripted as “EMD, Agency Name, Tender No and Tender Name”.

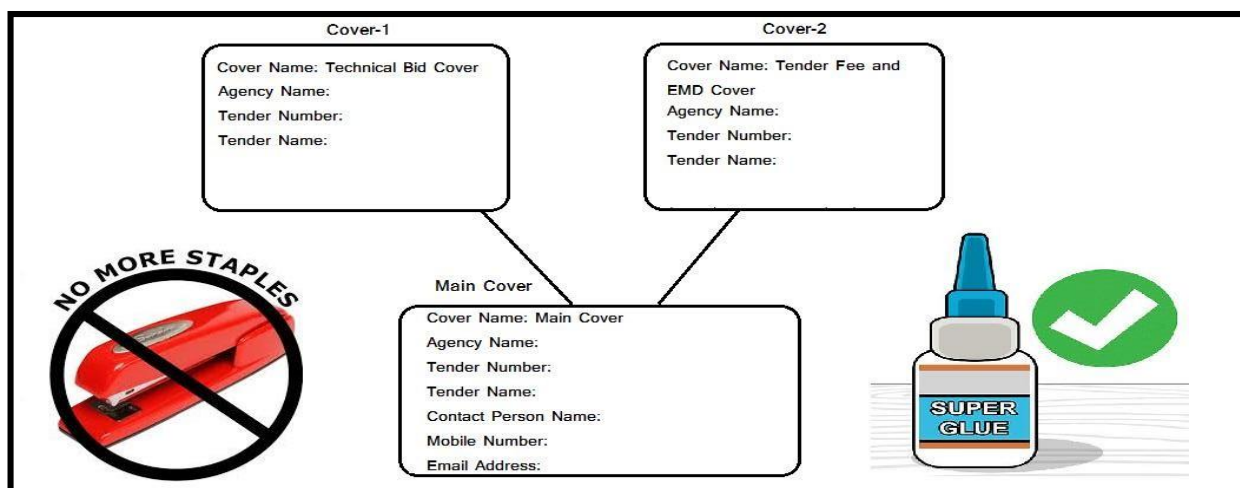
#### 1.4.2 TECHNICAL BID COVER

The technical bid must be submitted in a separate cover and this cover must be Superscripted as “Technical Bid, Agency Name, Tender No and Tender Name”.

#### 1.4.3 MAIN TENDER COVER

- a) Technical Bid cover and EMD cover wrapped in main tender cover (Hard Copy) shall accepted by Bhavnagar Municipal Corporation by only Register A.D or Speed Post.
- b) Technical Bid and EMD cover must be submitted in a single cover and **this cover must be superscripted as “Agency Name, Tender No, Tender Name, Contact person name, Mobile number, Email Address”** and shall be submitted to the “EDP Manager, Computer Dept., BHAVNAGAR MUNICIPAL CORPORATION, Opp. Big Bazaar, Sir Mangalsinhji Road, Bhavnagar-364001” on or before Date 24/09/2024.
- c) Tenders received after due date will be rejected.
- d) BMC can open main Tender cover/technical bid cover to return EMD. if EMD is not found in separate cover as mentioned above.
- e) The tenders (which does not have any work related indication on envelop) which may get opened before the due date are liable to be rejected.
- f) Original tender documents must be submitted as it is without any modification, with duly sealed & signed on all the tender pages to confirm its reading and understanding clearly.

- g) Each and every documents attached with the tender must be a self-attested. Kindly don't attach extra documents which are not required.



## **SECTION 2 : SITE VISIT REQUIREMENT**

- 2.1 It is mandatory for all prospective bidder to undertake a site visit before submitting the bids.**  
The purpose of site visit is for on-site physical assessment of the existing Infrastructure and comprehensive understanding of site requirement.
- 2.2 Bidders are required to arrange their own site visit and cover all cost associated with it.**
- 2.3 Bidder must ensure that they have obtained all necessary information and have a complete understanding of the site requirement before submitting their bids.**
- 2.4 If the supplied items found incompatible or below par to its specification at the time of supply, The commissioner, Bhavnagar municipal corporation reserved right to demand compatible version of such items or deal will be consider null void and order will be cancelled.**
- 2.5 Bidders are to arrange site visit between Date: 29/08/2024 to 12/09/2024 during office hours in working days.**
- 2.6 Site Visit Address : Computer Department, BHAVNAGAR MUNICIPAL CORPOTATION, Opp. Smart Bazaar, Sir Mangalsinhji Road, Bhavnagar-364001**

### **SECTION 3 : SCOPE OF THE WORK**

- 3.1** Supply, installation, testing and commissioning and maintenance of video conferencing end point and fixing of Visual unit (TV) on wall with necessary wall mounting brackets.
- 3.2** Supply and fixing of necessary power sockets and network points from nearest point through concealed cabling and necessary cables and accessories to be provided.
- 3.3** The selected bidder shall ensure the free on-site delivery of the complete order at Bhavnagar Municipal Corporation.
- 3.4** 3 years onsite comprehensive warranty.
- 3.5** Documentation : The supplier shall provide following documents
  - a) Installation Report
  - b) Warranty Certificate
- 3.6** Preventive maintenance and service of installed video conferencing equipment half-yearly basis (once in every 6 Month) during warranty period.



## **SECTION 4 : ADDITIONAL TERMS AND CONDITIONS**

### **4.1 BIDDER**

Bidder Should be either Original Equipment Manufacturer(OEM) or authorized distributor/dealer/channel partner/reseller of the OEM of the relevant product.

### **4.2 BID OPENING & EVALUTION**

- a) Technical proposals will be evaluated on the basis of compliance to eligibility criteria, technical specification and other terms & condition, stipulated in the tender documents.
- b) Financial proposal will be opened only of those bidders who qualify in the technical evaluation.
- c) The committee reserves the right to reject any or all the tenders without assigning any reason thereof.
- d) Financial bids with lowest price quotation for the assignment will be considered for negotiations and award of Bid.

### **4.3 OEM AUTHORIZATION**

- a) Bidders, if not OEM, should have authorization from manufacturer for supply, installation, commissioning, services etc. of the quoted items.
- b) They should submit an Authorization Letter from OEM (in original) standing that the bidder is the authorized distributor/dealer for this item as per annexure-H.

### **4.4 SERVICE CENTER**

- a) The Bidders must have Service Center in the state of Gujarat and must conform to norms of the Government pertaining to registration and taxation.
- b) The bidder or OEM should furnish the escalation matrix including names, location, complete postal address, telephone numbers of all technical support centers and also alternate contact person including bidders.

### **4.5 ON-SITE COMPREHENSIVE WARRANTY**

- a) The bidder must provide on-site comprehensive warranty for minimum 3 years from the date of successful installation of video conferencing end point and visualization unit (TV).
- b) During warranty period the support shall include onsite activities like implementation support and configuration change support failed component replacement activity system troubleshooting and raising support call with OEM for 3 years.
- c) In case of any defect in supply or any performance related problem observed during warranty period, the bidder shall have to replace the defected items with new items of same or higher technical specification and same make without any additional cost to the purchaser.
- d) If any coordination require with the OEM during the warranty period for support it should be carried out by the bidder's engineers.
- e) Successful bidder has to represent physical warranty certificate or softcopy of warranty certificate or web-registered warranty certificate related on OEM's website.
- f) In case, bidder does not provide satisfactory support & doing unwanted delay in providing on-site comprehensive warranty support, Commissioner, Bhavnagar Municipal Corporation reserves right to replace the equipment at risk & cost of the bidder.

#### **4.6 COMPLAINT REDRESSAL DURING WARRANTY**

- a) During warranty period any complaint shall be attended within time of 72 hours on 24X7 basis
- b) If the complaint is not attend within 72 hours, the penalty will be charged @0.5% of the contract value for each week of delay or part thereof from the bidder. The amount of penalty will be recovered from the Security Deposit. Penalty shall be subject to a maximum limit of 5% of the total contract value.
- c) If device need to be replace during warranty period it shall be replaced within 8 days from date of complain. If device not replaced within stipulated time the penalty will be charged according above clause.

#### **4.7 COMPATABILITY**

- a) The provided system should be compatible or certified by the commonly used video conferencing platforms (GSWAN, Google Meet, Zoom, Skype, WebEx Microsoft Team etc.)
- b) The entire system should be plug-and-play compatible and works in Windows or macOS systems.

#### **4.8 DELIVERY AND INSTALLATION OF VIDIO CONFERENCING FACILITY**

- a) The delivery and installation process should be completed within 45 days from the date of receipt of purchase order. The installation report should contain installed item details along with all other relevant details. Delay in the process will attract a penalty or order is liable to be cancelled.
- b) The manufacturer or supplier will do installation video conferencing equipment at BMC office with the help of fully trained persons. For any mishap/accident or any careless conduct during installations, the manufacturer or supplier will be fully responsible.
- c) The supplier will be responsible for all installation materials including power cables, interconnection cables, connectors and other accessories (including brackets, nuts, bolts, screws etc.) required for installation and completeness of the system will be responsibility of the bidder and accomplish all adjustment necessary for successful operation of video conferencing facility.
- d) All the VC end point equipment's(except visual unit) are required to be sourced from a single OEM only for better interoperability and serviceability failing to which the solution shall be rejected.
- e) At the time of installation, some additional HW/software or additional items are required to complete the installation, which was not included in Bidder's original list of deliverables/BOM, then the Bidder is required to supply such items to ensure the completeness at no extra cost to Bhavnagar Municipal Corporation. The proposed solution shall be inclusive of installation /services /Accessories cost.
- f) Minor civil and carpentry work required for caballing and fixing components should be carried out by bidder.

#### **4.9 TESTING AND IMPLEMENTATION**

- a) Successful Bidder has to ensure that the video conference is completely operational as per the requirements in this tender and all the tests are successfully concluded as per satisfaction of BMC.

- b) Bhavnagar Municipal Corporation reserves the right to inspect equipment and other required materials/items. Successful Bidder must have to use **ISI marked** items/materials/peripheral for any extra supportive items/ materials required during execution of this project. Any inspected goods fail for confirm to specification after installation, Bhavnagar Municipal Corporation may reject them and the Successful Bidder shall have to replace the rejected goods. Inspection of rest of material shall be done at site.

#### **4.10 SUPPORT TO PROVIDE OPERATION & MAINTENANCE SERVICES**

- a) It is responsibility of Bidder to resolve any performance related issue.
- b) The selected bidder's service Engineer has to done PM and service all the supplied & installed items and submit the report on half-yearly basis (once in every 6 Month) and when required by BMC during warranty period.
- c) Bidder should share & install all driver software up-gradation and installing the firmware, os, patches etc. as and when they are released by OEM during entire warranty period at no cost to BMC.
- d) During a PM activity, if any equipment is found to be defective/performance related issue the successful bidder is required to replace the equipment with new item of same or higher technical specification and same make at no additional cost to BMC.
- e) All the expenses for Transportation, Repair, Replacement service, PM and all other services required by BMC would be borne by the successful bidder during warranty period.
- f) The BMC may, during the warranty period, shift the equipment to other location(s) within the Bhavnagar city. The bidder needs to ensure that the OEMs and bidders warranty and support is valid. Further, bidder undertakes to continue to provide on-site comprehensive warranty and support the goods at the new location at no additional cost to BMC.
- g) Bidder will be informed about old and new location/office details as and when the BMC decides to shift the video conferencing equipment within Bhavnagar city due to operational requirements. Bidder will deploy resource(s) for decommissioning of respective equipment at old location and Commissioning of equipment at new location at no additional cost.
- h) The change towards packing, transportation and all other related charges for video conferencing equipment in the event of fault or replacement would be borne by the bidder.
- i) BMC reserves the rights to increase or decrease the quantity of any item till next 180 days from PO/LOI date, without increasing the quoted/accepted rates.

#### **4.11 PENALTY CLAUSE FOR DELAY IN DELIVERY & INSTALLATION**

- a) If the bidder fails to deliver and install the equipment within the time limit as mentioned in the bid, then penalty of 0.5% of contract value for delay in delivery & installation shall be charged for each week of delay or part thereof from the Bidder.
- b) Delay in excess of 10 weeks will be sufficient to cause for termination of the contract. In that case the Security Deposit/PBG of the bidder will be forfeited and BMC will black list the agency.
- c) In case, the selected bidder does not supply the ordered items for any reason, the bidder will be liable to pay the difference amount to the purchaser, over and above the performance guarantee, which indenter department has to pay to the next or other selected bidder for purpose of the said items.

- d) Municipal Commissioner has all the rights reserved to reject any/all tender and no clarification need to be given to the party.

#### **4.12 THE EMD SUBMITTED BY THE BIDDER MAY BE FORFEITED**

- a) Successful bidder fails to deposit security deposit/performance guarantee within the period specified in the tender.
- b) Successful bidder fails to execute an agreement within specified time as per intimation/request of BMC.
- c) Successful bidder withdraws his tender or backs out after acceptance.
- d) Bidder withdraws his tender before the expiry of validity period stipulated in the bidding documents.
- e) Bidder revises any of the item quoted during the validity period.
- f) Bidder is found to have indulged in fraudulent practices in the bid submission process.

#### **4.13 SECURITY DEPOSIT(PBG)**

- a) Successful bidder will have to separately submit security deposit of **5% of the final contract amount** in the form of DD / cheque / Bank guarantee of any Nationalized Bank(Non-SBI) including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative Banks or Rural Banks(operating in India having branch at Bhavnagar) Except SBI in the name of "Commissioner, Bhavnagar Municipal Corporation" payable at Bhavnagar.
- b) Successful bidder will have to separately submit security deposit within 45 days from the date of bid awarded (for warranty period + extra 3 Months).
- c) Bank guarantee should be valid for 3 month beyond the date of completion of all contract obligations/warranty period.
- d) Security deposit will be repaid without interest after completion of said work of this tender.
- e) If the bidder/agency fails to complete the work or if the work is left incomplete in between BMC will forfeit the security deposit and black list the agency.

#### **4.14 REJECTION OF THE BID**

BMC may at its sole discretion and at any time during the evaluation of Proposal, disqualify any bidder, if the bidder has:

- a) Submitted the proposal documents after the response deadline.
- b) Made misleading or false representations in the forms, statements and attachments submitted as per the requirements.
- c) Exhibited a record of poor performance such as doing abandoning works, not properly completing the contractual obligations, inordinately delaying completion or financial failures, etc. in any project in the preceding three years.
- d) Submitted a proposal that is not accompanied by required documentation or is non-responsive.
- e) Failed to provide clarifications related thereto, when sought.
- f) Declared ineligible by the Government of Gujarat, or any of the PSU in the State Government, for corrupt and fraudulent practices or has been blacklisted by State Government of Gujarat or Government of India.
- g) Submitted a proposal with price adjustment / variation provision.

- h) Offered products must be completely matched with the specifications mentioned in the tender Document; any downside deviation will lead to the disqualification of the bidder.
- i) Any undesirable approach/means at any point of time during the tender process shall result in immediate disqualification of the bidder from the tender process.
- j) Conditional proposal will be outright rejected.
- k) If EMD are not found enclosed in cover, than the tender will be out right rejected.

#### **4.15 MODE OF BILLING AND PAYMENTS**

- a) 100% payment would be made on successful installation of the product and submission of performance guarantee (5% of total amount) which will be valid for 39 months from the date of acceptance. No advanced payment will be given.
- b) Successful bidder has to submit following documents to process of payment:
  - i. Invoice copy in duplicate
  - ii. Delivery Challan
  - iii. Installation Report
  - iv. Proof of on-site comprehensive warranty (physical / electronic proof by OEM)
- c) If the work is not satisfactory and according to the agreed work program/schedule the payment may be withheld until such times the Bidder rectifies the required shortfall. The Bidders shall thereupon promptly make any necessary corrections, and upon completion of such correction, the foregoing process shall be repeated.
- d) All payments under this contract shall be made to the accounts of the Bidders with the Bidders Banker.

#### **4.16 DISPUTE REDRESSAL**

In cash of any dispute or differences, only courts of Bhavnagar shall have jurisdiction in all Matters arising out or connected with this tender. Further the agreement is subjected to Low of India.

#### **4.17 ACCIDENT OR INJURY TO WORKMAN**

- a) The BMC shall not be liable for or in respect of any damages or compensation payable at law in respect or in consequence of any accident or injury to any workmen or other person in the employment of the Contractor.
- b) The Contractor shall indemnify and keep indemnified BMC against all such damages and compensation, save and except as aforesaid, and against all claims, proceedings, costs, charges and expenses what so ever in respect thereof or in relation thereto.

## **SECTION 5 : PRE-BID MEETING**

- 5.1** The purpose of the pre-bid meeting will be to clarify doubts/queries/issues and answer queries that the bidders might have.
- 5.2** Bidders are requested to submit their queries in writing to reach EDP Manager, Computer Department, Bhavnagar Municipal Corporation, Sir Mangalsinhji Road, Bhavnagar-364001 or an email can be sent to [itmanager.bmc@gmail.com](mailto:itmanager.bmc@gmail.com) not later than 24 hours before the meeting.
- 5.3** No queries will be entertained from the bidder after the cut-off date and time.
- 5.4** The participants for the Pre-Bid Meeting have to carry a signed authorization letter.
- 5.5** **Date and Time of Pre-Bid Meeting** :- Dt.09/09/2024, 01:00 P.M
- 5.6** **Venue of Pre-Bid Meeting** :- EDP Manager, Computer Department, Bhavnagar Municipal Corporation, Sir Mangalsinhji Road, Bhavnagar-364001.

## **ANNEXURE-A**

### **Bid Letter**

**(On bidder's letter head with duly seal and signed by authorized person)**

Date: dd/mm/yyyy

To.  
The Commissioner Shree,  
Bhavnagar Municipal Corporation,  
Sir Mangalsinhji Road, Bhavnagar-364001

**SUBJECT: SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND MAINTANANCE VIDEO CONFERENCING END POINT AND VISUL UNIT(TV) (WITH 3 YEARS OF ON-SITE COMPREHENSIVE WARRANTY)**

Respected Sir,

We here by submitting our offer in full compliance with terms & conditions mentioned in for this bid. Our offer is submitted in two separate and sealed envelopes marked as Technical Bid & Tender EMD and we have submitted Financial Bid online through Gem portal. We have carefully read and understood the terms and conditions of the tender and the conditions of the contract applicable to the bidder. We here by agree with that non-compliance in any terms & conditions mentioned in this tender document will result in rejection of our bid and we will abide by any decision taken in this regards by BMC authority.

We hereby certify that the person signing the tender is fully complying the 3<sup>rd</sup> clause of **1.2 : SUBMISSION OF TECHNICAL BID.**

We are aware that Commissioner, BMC reserves all rights to reject all/any of the offers without assigning reason thereof and Commissioner, BMC reserves the right to allot the work to any of the agencies without assigning any reason/s thereof.

We do hereby undertake that, until a formal contract is prepared and executed, this bid, together with notification of award of contract, shall constitute a binding contract between us.

**Signature of Bidder (with official seal)**

**Name :** \_\_\_\_\_

**Designation :** \_\_\_\_\_

**Address :** \_\_\_\_\_

\_\_\_\_\_

**Date :** \_\_\_\_\_

**Mobile No :** \_\_\_\_\_

**Place :** \_\_\_\_\_

**E-mail address :** \_\_\_\_\_

**ANNEXURE-B**  
**LETTER OF AUTHORITY**

**(On bidder's letter head with duly seal and signed by authorized person)**

To,  
The Commissioner Shree,  
Bhavnagar Municipal Corporation,  
Bhavnagar

**SUBJECT: SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND MAINTANANCE  
VIDEO CONFERENCING END POINT AND VISUL UNIT(TV) (WITH 3 YEARS OF  
ON-SITE COMPREHENSIVE WARRANTY)**

Dear Sir,

We, ..... (Bidder's Name), do hereby authorize  
Shri/Smt.....holding the post of  
..... in our organization to represent our organization in this tender and to  
carry out all the formalities relating thereto.

Yours Faithfully

Date :-  
Place :-

Sd. /-  
(Name and Designation)



**ANNEXURE-C**  
**AGENCY TURNOVER**

(To be submitted on Chartered Accountant's Letter head)

Name of the Firm : .....

GST Details : .....

PAN Details : .....

Period	Turnover in Rs.
2021-22	
2022-23	
2023-24	

It is certified that the details provided above are corrected and I have gone through relevant records to come out with the figures quoted above.

Place :- .....

Date :- .....

**SIGN & SEAL of Chartered Accountant**

**ANNEXURE-D**

**Disclosure of EPF not applicable**

**(On bidder's letter head with duly seal and signed by authorized person)**

**CERTIFICATE**

Our Organization/agency ..... applied bid for  
“SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND MAINTANANCE VIDEO CONFERENCING  
END POINT AND VISUL UNIT(TV) (WITH 3 YEARS OF ON-SITE COMPREHENSIVE WARRANTY)”  
Procured by Computer Department, Bhavnagar Municipal Corporation. We declare that our  
organization is not registered under EPF. In future if any question or liability arising under EPF rule  
shall be the sole responsibility of our organization/agency.

Authorized Person sing/Stamp: .....

Authorized Person Name: .....

**ANNEXURE-E**

**Disclosure of ESIC not applicable**

**(On bidder's letter head with duly seal and signed by authorized person)**

**CERTIFICATE**

Our Organization/agency ..... applied bid for  
“SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND MAINTANANCE VIDEO CONFERENCING  
END POINT AND VISUL UNIT(TV) (WITH 3 YEARS OF ON-SITE COMPREHENSIVE WARRANTY)”  
Procured by Computer Department, Bhavnagar Municipal Corporation(BMC). We declare that our  
organization is not registered under E.S.I.C rule. A certificate of which is hereby given. In future if any  
question or liability arising under E.S.I.C rule shall be the sole responsibility of our  
organization/agency.

Authorized Person sing/Stamp : .....

Authorized Person Name : .....

**ANNEXURE-F**

**Non-Blacklisting Certificate**

(On Non judicial Stamp paper of Rs.100/- duly attested by the First class Magistrate/  
Notary Public)

I M/s. ....(Bidder),  
.....(the names and address of  
the registered office) hereby certify and confirm that we or any of our promoter/s  
/director/s are not barred by Government of Gujarat (GoG) / any other entity of GoG or  
blacklisted by any state government or central government / department / agency in  
India from participating in Project/s, either individually or as member of a sub-  
contractor as on the .....(Bid submission Date), rejection in case any  
material misrepresentation is made or discovered with regard to the requirements.

We further confirm that we are aware that our Application for the captioned Project  
would be liable for this Tender at any stage of the Bidding Process or thereafter during  
the agreement period. Dated this ..... Day of ..... 2024.

Name of the Bidder .....

Signature of the Authorized person .....

Name of the Authorized Person .....

## ANNEXURE-G

### RELEVANT WORK EXPERIENCE DETAILS

(On bidder's letter head with duly seal and signed by authorized person)

Sr. No.	Name of the Dept./Organization where Supply was done	Supply Order Date	Supply Order Quantity	Supply Order Value
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Place :- .....

Date :- .....

**AUTHORISED SIGNATORY OF THE FIRM WITH SEAL**

**ANNEXURE-H**

**OEM Authorization Letter**

(On OEM's letter head with duly seal and signed by authorized person)

Date: \_\_/\_\_/\_\_\_\_

To:  
The Commissioner Shree,  
Bhavnagar Municipal Corporation,  
Sir Mangalsinhji Road, Bhavnagar-364001

**Subject:** OEM Authorization Certificate for GeM Bid No: .....

Respected Sir,

We manufacturers of original equipment's at (*address of factory*) .....  
.....do hereby authorize M/s.  
(*Name and address of Bidder*).....  
.....to submit a bid,  
negotiate and receive the order from you against your tender enquiry/GeM Bid No  
.....in Gujarat region.

We hereby extend our full guarantee and warranty in accordance with the all Terms and Conditions of above said tender enquiry/bid with respect to the equipment offered by the above firm. All the warranty and post-warranty services will be provided by one of our authorized service centers.

Yours faithfully,

Name: .....

Name of manufactures: .....

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer.

# ANNEXURE-I

## Compliance Sheet

**Make & Model :**

<b>Technical Specifications of Room Based VC Endpoint</b>				
The proposed system must support PAL/equivalent with PTZ camera. The codec must be based on ITU standards & hardware based. No software based solution will be accepted. All components of the VC system like Codec, Camera, Microphones, Remote Control and Touch Control Panel should be from the same OEM				
Sr. No.	Description	Specification Parameter	Compliance (Y/N)	Deviation (if any)
1	Package	4K PTZ Camera, 4K Codec, Omnidirectional Digital Microphone, Cables, Remote Control and minimum 10 inch Touch Controller from the same OEM.		
2	Video Standards and Resolutions	It should support H.323 & SIP standards for communications. It should support interoperability and bandwidth saving using video compression H.264 AVC , H.264 High Profile & H.265 Codec should support 4K@30fps, 4K@60fps or higher		
3	Content Standards and Resolutions	It should support both wired and wireless content sharing using standard based H.239 and BFCP. It should also support audio from Laptop used for content sharing. It should transmit content to the far end location up to 4K15fps during VC call. Endpoint should have built in Wi-Fi 802.11a/b/g/n/ac (MIMO) Multi-channel Concurrency and Bluetooth 5.0 or better connectivity. It should support inbuilt feature for wireless content sharing from Windows, MacOS, Android, iOS Smartphones & Tables without downloading any application on the user device. It should support Content Annotation and WhiteBoard/Blackboard capability when connected to Touch Enabled Display.		
4	Audio Standards and Features	It should support G.711, G.728, G.722, G.722.1, G.719 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 & Noise Block		
5	Video and Audio Inputs	1 x HDMI/HDCI/USB input for connecting main 4K PTZ camera. 1 x HDMI input to share 4K/Full HD content from PC/Laptop/PTZ camera. 2 x HDMI/USB inputs to connect additional PTZ cameras from same OEM to capture whiteboard/presenter and podium area in future whenever required. 3 x IP Microphone Inputs or more with support for minimum 3 digital IP omnidirectional mics. The bidder needs to quote 2 digital IP omnidirectional microphone with mute/unmute soft touch button on the microphone. Each microphone should have atleast 20 feet pickup range 1 x RCA/3.5mm stereo line-in		
6	Video and Audio Outputs	2 x HDMI output for connecting primary and secondary 4K(UHD)/Full HD displays. 1 x RCA/3.5 mm stereo line-out		
7	Other Interfaces	1 x 10/100/1000 Ethernet port 1 x USB to support system software upgrade 1 x RS-232 Serial Port or equivalent port for connecting to external RS-		

		232 controller		
8	Camera	1/2.33" CMOS sensor or better with at least Horizontal field of view: 65°		
		The camera should support 4K resolution as standalone and should have minimum 12x or better Optical Zoom, PAN +/-100°, Tilt +20/-30°.		
		Video Conference Camera and Codec should be controlled using touch panel controller		
9	Network Features	H.323 and SIP bandwidth supporting up to 6 Mbps or more.		
		Must support IPv4 and IPv6 from day one on both H.323 and SIP.		
		Endpoint should support Provisioning feature to get it centrally configured and get updates.		
		Auto Gatekeeper Discovery, Lost Packet Recovery (LPR) technology, IP Precedence and DiffServ, Configurable MTU size.		
10	USB Pass-Thru Mode	Codec should have inbuilt USB C port to use the VC system as an external camera and microphones when connected to a Laptop/PC over a single USB cable without using any external hardware, software or converter components to connect GSWAN and any other Cloud Based VC platform like Cisco Webex, Zoom, BlueJeans, Microsoft Teams, Google Meet etc.		
		The system should be able to support up to 1080p30fps video transmit in USB Pass-thru mode.		
		9Miter single USB cable to be supplied from same OEM.		
		It should be possible to Mute/Unmute all the microphones and control camera functionality from the same Touch controller during USB pass-thru mode.		
11	Touch Controller	Controller shall have 10 inch screen, LED indicator for mute/unmute. Touch Controller shall have LAN Port and pair over the LAN.		
12	Certification	Device shall be natively certified from Microsoft Teams & Zoom.		
13	Security	Media Encryption: AES-128 & AES-256 on H.323 & SIP (IPv4 & IPv6), H.235.6 support		
		Authenticated access to admin menus, web interface and APIs		
		Local account password policy configuration		
		Global Directory/Centralized Directory/LDAP support		
14	Other Standards/features	H.460.18, H.460.19, SSL, TLS		
15	Warranty	The complete solution should be from the same OEM with 3 year on-site warranty from day one and shall work with existing VC setup.		
16	Service support	If required, bidder may call to demonstrate the above technical parameters. Bidder should have office in Gujarat for local smooth service Support		



**Make & Model :**

<b>Technical Specifications 85 inch Visual Unit(Television)</b>			
<b>Sr. No.</b>	<b>Specification Parameter</b>	<b>Compliance (Y/N)</b>	<b>Deviation (if any)</b>
1	85 inch (216 cm diagonal) wide 4k LED TV		
2	Native Resolution (Pixels) (3840 x 2160) UHD or higher		
3	Brightness (Nits) Minimum 400 or higher		
4	2 nos. inbuilt speakers of 20 Watt or higher		
5	4 nos. HDMI Port, USB 3.0 input, RS 232C Port, RJ 45 Port		
6	Output Port for audio		
7	Android OS and minimum 16GB Ram		
8	Accessories to be supplied : AC Power cord, remote control, user manual, wall mount bracket, necessary cables and connectors		
9	On Site OEM Warranty 3 years or more		
10	HDMI cable and other Mounting Accessories supplied with Display		
11	BIS Registration		
12	ROHS Compliance		

**ANNEXURE-J**

**ESCALATION MATRIX**

(To be submitted on Firm's Letter head)

Name of the Firm : .....

	<b>Name</b>	<b>Contact Number</b>	<b>Designation</b>	<b>Turn Around Time (TAT)</b>
Level 1				
Level 2				
Level 3				
Level 4				

Place :- .....

Date :- .....

**AUTHORISED SIGNATORY OF THE FIRM WITH SEAL**