

**बिड दस्तावेज़ / Bid Document**

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	27-02-2026 12:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	27-02-2026 12:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Education
विभाग का नाम/Department Name	Department Of Higher Education
संगठन का नाम/Organisation Name	Indian Institute Of Technology (iit)
कार्यालय का नाम/Office Name	Abv-iiitm Gwalior, Madhya Pradesh
कुल मात्रा/Total Quantity	24
वस्तु श्रेणी /Item Category	SITC of 86 Interactive Flat Panel Display , SITC of 55 Non Interactive Flat Panel Display , SITC of 1x2 4Kat 60Hz HDMI , SITC of Digital Podium , SITC of CAT 6 HDMI Extender Tx F with required cables and connectors , SITC of Speakers also cabling and all accessories , SITC of Microphone and Receiver System , SITC of CCTV Surveillance system. CCTV Cameras of CCTV Surveillance system DVR , All accessories as required to complete the work.
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	SITC of 86 Interactive Flat Panel Display (IFPD), SITC of 55 Non-Interactive Flat Panel Display (IFPD) , SITC of 1x2 4K@60Hz HDMI Splitter, SITC of Digital Podium, SITC of CAT 6 HDMI Extend Set with required cables and connectors, SITC of Speakers with cabling and all accessories, SITC of Microphone and Receiver System, SITC of CCTV Surveillance system. CCTV Cameras of CCTV Surveillance system DVR, All accessories as required to complete the work.
	<p><b>Searched String:</b> SITC of 86 Interactive Flat Panel Display Interactive Panels without CPU, Interactive Panels with CPL</p> <p><b>Searched String:</b> SITC of 55 Non-Interactive Flat Panel Display (IFPD)</p> <p>Interactive Panels without CPU, Interactive Panels with CPL</p> <p><b>Searched String:</b> SITC of 1x2 4K@60Hz HDMI Splitter</p> <p>Shaker Incubator, Online UPS (V2), Cotton Towing And Tissue (V3) Conforming To IS 7056, Computer Paper (V3) Conforming To IS 12766, Pad Lock Various (As Per Defence Specification), Crepe Paper (V3) Conforming to IS 12766 (In Packet), crepe band Plain Copier Paper (V3) ISI Marked to IS 14490, Handloom (V3) Pillow Covers (V3), Disposable Surgical Rubber Gloves -</p>

<b>GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS</b>	<p><b>बिड विवरण/Bid Details</b></p> <p><b>Searched String:</b> SITC of Digital Podium</p> <p>Electronic Lectern, Wooden Podium, DIGITAL BALLOON THEODOLITE (DBT) As per Directorate of Meteorology, Digi off Adhesion Tester (V2), Desktop Calculator - Electronics, I Sale (POS) Kiosk (V2), Spirometer, Electronic Calculator (V2 Behind the Ear Hearing Aids - Digital, computer kiosk</p> <p><b>Searched String:</b> SITC of CAT 6 HDMI Extender Tx-Rx Set required cables and connectors</p> <p>Category not available on GeM for the text string uploaded buyer</p> <p><b>Searched String:</b> SITC of Speakers along with cabling and accessories</p> <p>tent arctic camping and outdoor equipment, modular elect switches and accessories, HQ, BQ, NQ, PQ Size PP Core Tra its Accessories (V2)</p> <p><b>Searched String:</b> SITC of Microphone and Receiver System</p> <p>Complete VHF communication system for airports (AAI), Re Osmosis based Water Treatment System above 50 LPH Cap (V2), Drone or Unmanned Aerial Vehicle with Customized P (Defence Forces - Navy, Army and Air Force), GNSS RECEIV REFERENCE STATION, Reverse Osmosis based Point of Use Treatment System for Drinking Purposes (V3) as per IS 162 Portable Electric Indoor Air Purifier, Unmanned Aerial Vehic Payload Systems for Agricultural Spray (V2) (DFB / DFM), O UPS (V2), Platform Trolley (V2), Live Remote Temperature &amp; Humidity Monitoring and Alert System</p> <p><b>Searched String:</b> SITC of CCTV Surveillance system. CCTV Cameras</p> <p>Camera for CCTV System (V3), Video Recorder for CCTV Sy (V2), Cables suitable for CCTV System (Accessories), Band Machine, Body Worn Camera Systems (For RAF) as per MH, Body Worn Camera as per MHA QRs (V3)</p> <p><b>Searched String:</b> SITC of CCTV Surveillance system DVR</p> <p>Video Recorder for CCTV System (V2), Digital Voice Record Replay System for airports (AAI), Body Worn Camera Syst RAF) as per MHA QRs, Body Worn Camera as per MHA QRs</p> <p><b>Searched String:</b> All accessories as required to complete work.</p> <p>Category not available on GeM for the text string uploaded buyer</p>
<b>अधिसूचना के लिए चयनित प्रारंभिक श्रेणियाँ / Relevant Categories selected for notification</b>	<ul style="list-style-type: none"> <li>Interactive Panels with CPU</li> <li>Interactive Panel Solution for Institutions</li> <li>Electronic Lectern</li> </ul>
<b>बीओव्यू शीर्षक /BOQ Title</b>	SITC of Audio Video Facility in Generic Computing Lab2
<b>बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)</b>	4 Lakh (s)

बिड विवरण/Bid Details	
<b>मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)/OEM Average Turnover (Last 3 Years)</b>	32 Lakh (s)
<b>उन्हीं/समान सेवा के लिए आपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service</b>	3 Year (s)
<b>वर्षों के अनुभव एवं टर्नओवर से एमएसई को छूट प्राप्त है / MSE Relaxation for Years Of Experience and Turnover</b>	Yes   Complete
<b>स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Relaxation for Years Of Experience and Turnover</b>	Yes   Complete
<b>विक्रेता से मांगे गए दस्तावेज़/Document required from seller</b>	Experience Criteria,Past Performance,Bidder Turnover,Cert (Requested in ATC),OEM Authorization Certificate,OEM Ann Turnover,Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience Turnover Criteria, the supporting documents to prove his e for exemption must be uploaded for evaluation by the buyer
<b>क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?</b>	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be di to other participated bidders after log in)
<b>बिड लगाने की समय सीमा स्वतः: नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension</b>	3
<b>दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended</b>	7
<b>ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count</b>	1
<b>विगत प्रदर्शन /Past Performance</b>	20 %
<b>बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled</b>	Yes
<b>रिवर्स नीलामी योग्यता नियम/RA Qualification Rule</b>	H1-Highest Priced Bid Elimination
<b>बिड का प्रकार/Type of Bid</b>	Two Packet Bid
<b>प्राथमिक उत्पाद श्रेणी/Primary product category</b>	SITC of 86 Interactive Flat Panel Display
<b>तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation</b>	3 Days
<b>निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No

बिड विवरण/Bid Details	
अनुमानित बिड मूल्य /Estimated Bid Value	800000
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

#### ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	Bank of India
ईएमडी राशि/EMD Amount	40000

#### ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	Bank of India
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	14

(a). 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।

**EXEMPTION:** The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category in 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.

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

#### लाभार्थी /Beneficiary :

Director ABV-IIITM, Gwalior  
ABV-Indian Institute of Information Technology & Management, Gwalior Morena Link Road, Gwalior - 474015  
(Director, Abv-iiitm, Gwalior)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

#### एमआईआई खरीद वरीयता / MII Purchase Preference

एमआईआई खरीद वरीयता / MII Purchase Preference	Yes
मेक इन इंडिया विक्रेताओं को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ तक की सीमा में है / Purchase Preference to MII sellers available upto price within $L1+X\%$	20
मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference	50

<p>सार्वजनिक खरीद (मेक-इन-इंडिया को प्राथमिकता) आदेश 2017 के अनुसार केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही आगीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time)</p>	<p>Yes, in compliance with the MII ORDER : DPIIT Order(as am and applicable time to time)</p>
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### एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within $L1+X\%$	15
सूक्ष्म और लघु उद्यम को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MSE purchase preference	25

1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
2. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover, shall upload the supporting documents to prove his eligibility for Relaxation.
3. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
4. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover shall upload the supporting documents to prove his eligibility for Relaxation.
5. 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 / incorporation shall be taken into account for this criteria.
6. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category of 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 and delivery acceptance certificates like CRAC 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.
7. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during 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.

8. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to be availed by a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value addition is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory and cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate. Buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023. [OM No.1\\_4\\_2021\\_PPD\\_dated\\_18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

9. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated on-line through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If the Seller is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023 [OM No.1\\_4\\_2021\\_PPD\\_dated\\_18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

10. 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.

11. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 20% of bid quantity, in at least one of the last three Financial years before the bid opening date to Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of multiple bids, the category related to primary product having highest bid value should meet this criterion.

12. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- If number of technically qualified bidders are only 2 or 3.
- If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

#### Pre Bid Detail(s)

मूल्य भिन्नता खंड दस्तावेज़/Pre-Bid Date and Time	प्री-बिड स्थान/Pre-Bid Venue
16-02-2026 17:00:00	B-108, B, Block ABV-IIITM Gwalior, Morena Link Road, Gwalior M.P Pin 474015

#### SITC Of 86 Interactive Flat Panel Display

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

### तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	<a href="#">View File</a>
BOQ Detail Document	<a href="#">View File</a>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

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

क्र.सं./S.No	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Date
1	Narendra Pratap Singh Chauhan	474010,ABV-IIITM Gwalior, Morena Link Road, Gwalior, Madhya Pradesh Pin -474015	1	45

### SITC Of 55 Non Interactive Flat Panel Display

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

### तकनीकी विशिष्टियाँ /Technical Specifications

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

क्र.सं./S.No	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Date
1	Narendra Pratap Singh Chauhan	474010,ABV-IIITM Gwalior, Morena Link Road, Gwalior, Madhya Pradesh Pin -474015	2	45

### SITC Of 1x2 4K@ 60Hz HDMI Splitter

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

### तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	<a href="#">View File</a>
BOQ Detail Document	<a href="#">View File</a>

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

क्र.सं./S.No	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Date
1	Narendra Pratap Singh Chauhan	474010,ABV-IIITM Gwalior, Morena Link Road, Gwalior, Madhya Pradesh Pin -474015	1	45

### SITC Of Digital Podium

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

### तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	<a href="#">View File</a>
BOQ Detail Document	<a href="#">View File</a>

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

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

क्र.सं./S.No	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Date
1	Narendra Pratap Singh Chauhan	474010,ABV-IIITM Gwalior, Morena Link Road, Gwalior, Madhya Pradesh Pin -474015	1	45

### SITC Of CAT 6 HDMI Extender Tx Rx Set With Required Cables And Connectors

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

## तकनीकी विशिष्टियाँ /Technical Specifications

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

क्र.सं./S.No	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Date
1	Narendra Pratap Singh Chauhan	474010,ABV-IIITM Gwalior, Morena Link Road, Gwalior, Madhya Pradesh Pin -474015	2	45

## SITC Of Speakers Along With Cabling And All Accessories

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

## तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	<a href="#">View File</a>
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Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

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

क्र.सं./S.No	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Date
1	Narendra Pratap Singh Chauhan	474010,ABV-IIITM Gwalior, Morena Link Road, Gwalior, Madhya Pradesh Pin -474015	6	45

## SITC Of Microphone And Receiver System

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

### तकनीकी विशिष्टियाँ /Technical Specifications

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

क्र.सं./S.No	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Date
1	Narendra Pratap Singh Chauhan	474010,ABV-IIITM Gwalior, Morena Link Road, Gwalior, Madhya Pradesh Pin -474015	1	45

### SITC Of CCTV Surveillance System. CCTV Cameras

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

### तकनीकी विशिष्टियाँ /Technical Specifications

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

क्र.सं./S.No	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Date
1	Narendra Pratap Singh Chauhan	474010,ABV-IIITM Gwalior, Morena Link Road, Gwalior, Madhya Pradesh Pin -474015	8	45

### SITC Of CCTV Surveillance System DVR

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

### तकनीकी विशिष्टियाँ /Technical Specifications

Specification Document	<a href="#">View File</a>
BOQ Detail Document	<a href="#">View File</a>

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

क्र.सं./S.No	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Date
1	Narendra Pratap Singh Chauhan	474010,ABV-IIITM Gwalior, Morena Link Road, Gwalior, Madhya Pradesh Pin -474015	1	45

### All Accessories As Required To Complete The Work.

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

### तकनीकी विशिष्टियाँ /Technical Specifications

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

क्र.सं./S.No	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Date
1	Narendra Pratap Singh Chauhan	474010,ABV-IIITM Gwalior, Morena Link Road, Gwalior, Madhya Pradesh Pin -474015	1	45

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

## 1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25% of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be  $(\text{Increased quantity} - \text{Original quantity}) \times \text{Original delivery period}$  (in days), subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

## 2. Forms of EMD and PBG

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name

Director ABV-IIITM, Gwalior

Account No.

945210110000969

IFSC Code

BKID0009462

Bank Name

Bank of India

Branch address

ABV-Indian Institute of Information Technology & Management, Gwalior Morena Link Road, Gwalior - 474015

Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line payment. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

## 3. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name

Director ABV-IIITM, Gwalior

Account No.

945210110000969

IFSC Code

BKID0009462

Bank Name

Bank of India

Branch address

ABV-Indian Institute of Information Technology & Management, Gwalior Morena Link Road, Gwalior - 474015

Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.

## 4. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Atal Bihari Vajpayee Indian Institute of Information Technology and Management, Gwalior- 474015 (M.P.)

NOTICE INVITING TENDER FOR THE SUPPLY, INSTALLATION, CONFIGURATION, TESTING, AND COMMISSIONING OF VIDEO FACILITY IN GENERIC COMPUTING LAB 2 AT ABV-IIITM GWALIOR

## INTRODUCTION

Atal Bihari Vajpayee-Indian Institute of Information Technology and Management (ABV-IIITM) Gwalior, Madhya Pradesh is an autonomous institute set up by the Government of India, MHRD (Presently Ministry of Education, Govt. of India) in 1997. It is an effort by MHRD (Presently Ministry of Education, Govt. of India) towards creating professionals in the field of Information Technology.

management and information technology from the same institute. This institute was created to facilitate high on, research, and consultancy in areas of information technology (IT) and business management. Initially star M, this institute was prefixed with ABV in 2002 to honor the then Prime Minister Atal Bihari Vajpayee.

Atal Bihari Vajpayee Indian Institute of Information Technology and Management (ABV-IIITM), Gwalior, herein referred as the 'institute' or 'ABV-IIITM Gwalior' interchangeably, invites bids for "Supply, Installation, Configuration & Commissioning of Audio-Video (AV) Facility in Generic Computing Lab-2 at ABV-IIITM Gwalior".

The tender includes Supply, Installation, Configuration, Testing & Commissioning of:

86" Interactive Flat Panel Display (IFPD)

55" Non-interactive Flat Panel Displays

Digital Podium

HDMI Splitters & HDMI-over-CAT6 Extenders

Speakers and PA System

Wireless Microphone System

CCTV Cameras & DVR

Bidders must submit their bids in the prescribed format with all supporting documents. The Institute reserves to accept or reject any or all tenders without assigning any reason thereof.

#### Pre-Qualification

S/N	Eligibility Criteria	Attachments
	The Bidder should be an established IT System Integrator and should have been engaged in similar IT projects/solutions business for a period of at least 5 years as on the last date of submission of the technical bid.	Proof of the same should be submitted with the bid. Certificate of incorporation and address proof of the registered e.
	The OEM must have its own registered office in India for at least the past 5 years, as of the date of bid submission.	Proof of the same should be submitted with the bid. Certificate of incorporation and address proof of the registered e.
	Availability of the Manufacturer/OEM Authorization form.	The bidder must submit the MAF (Manufacturer/OEM's Authorization Form) for the offered product for the current the prescribed format/form attached.

	<p>The bidder should have executed at least 3 similar project covering a similar scope of work, in Central/State Government /PSU / Autonomous bodies/ government subsidiaries/private academic institutions/Public listed companies or any government organization in India during the last five years. Similar Work means: Supply and installation of Audio Video setup, or large display panels, or large LED screens.</p>	<p>A copy of the purchase orders and installation reports shall be submitted, after completion of the project shall be submitted. The document should clearly mention the make, model, and capacity of the installed units and should be self-sufficient, and should have been issued by the client. Part of the work order to be filled as Annex 3.</p>
	<p>Bidder should have a minimum of one Work order value of Rs 6.4 Lakhs, or two orders of Value Rs. 4.0 Lakhs, or three work orders of 3.2 Lakh each, in the last 7 years. Work order for similar work would only be considered.</p>	<p>A copy of the purchase orders and installation reports shall be submitted, after completion of the project shall be submitted. The document should clearly mention the make, model, and capacity of the installed units, should be self-sufficient, and should have been issued by the client. Part of the work order to be filled as Annex 3.</p>
	<p>The Bidder and the OEM shall not be banned/ blacklisted/ defaulter by any State or Central Government/ any other Government institutions in India, for any reason during the last 5 years from the submission of the Bid. A declaration is required to be submitted by the bidders on their company letterhead, duly signed by the authorised signatory of the company.</p>	<p>Declaration as per attached Form.</p>
	<p>Compliance with Technical Specifications</p>	<p>The respective OEMs of the Display and Digital Podium must accept technical specifications of the products listed in Annexure-B by signing and stamping the document on their official letterhead, which must contain their contact information. The same specification shall be verifiable through the OEM's datasheets publicly available on the OEM's website. Also, each compliant make a cross-reference with the technical data sheet as enlisted under Annexure-B.</p>

#### Scope Of Work – Supply, Installation, Configuration & Commissioning

The scope of work under this tender includes the complete supply, delivery, installation, mounting, cabling, integration, configuration, testing, commissioning, and handover of a fully functional Audio-Video (AV) Facility in Generic Wing Lab-2, Block-G, ABV-IIITM Gwalior. The selected bidder shall be responsible for providing an end-to-end, turnkey solution covering all equipment, accessories, consumables, labour, documentation, training, 03 years overall warranty from the vendor and 03 years OEM-backed warranty support for Display Panels and Digital Podium.

The scope shall include but not be limited to the following:

#### Supply of Equipment and Materials

The bidder shall supply all equipment listed in Annexure-A, including but not limited to:

86" Interactive Flat Panel Display (IFPD) with OPS PC, wall mount, and all required OEM cables and accessories

Two (02) units of 55" Non-Interactive Flat Panel Displays, along with ceiling mounts, power cables, and installation hardware.

Digital Podium with integrated touch monitor, AV controller/matrix, microphones, connectivity panels, and integrated PC.

Complete Audio System, including wall-mounted speakers, necessary amplifier components, wireless microphones, cabling, connectors, and power supplies.

HDMI Signal Distribution System, including 1x2 HDMI splitter, 4K-capable HDMI-over-Cat6 extenders (Tx/Rx), and HDMI/CAT6 cabling.

CCTV System, including 8 dome cameras, 1 DVR, HDD power supplies, connectors, and camera mounts.

All Cabling and Passive Components, including CAT6 cables, HDMI cables, power cables, conduits, raceways, and casings/cappings, junction boxes, clips, screws, and accessories.

Any additional items required to ensure complete functioning of the AV setup, even if not explicitly listed but required for integration.

All supplied equipment shall be:

Brand new, unused, non-refurbished.

OEM-certified and compatible.

Covered under 3 years OEM warranty for Display Panels and Digital Podium.

As per the detailed specifications provided in Annexure-B.

The bidder shall ensure that all items are transported safely and delivered in original sealed OEM packaging.

#### Installation, Integration & Commissioning

The successful bidder shall carry out professional installation, integration, configuration, and commissioning of all AV and CCTV components. The work shall include:

##### Mounting & Installation of AV Hardware

Install the 86" interactive panel using heavy-duty, OEM-recommended wall mount brackets.

Install 55" displays using ceiling mounts with proper alignment, balance, tilt, height calibration, and safety analysis.

Install the Digital Podium, ensuring proper placement, accessibility, cable routing, and seamless integration with the main display.

Mount speakers at optimal positions for even sound coverage across the lab.

Install all microphones, receivers, AV controllers, and related hardware.

#### Cabling, Termination & Conduit Work

Lay and terminate signal, data, audio, and power cables (HDMI, CAT6, speaker cables, power cables).

Use ISI-marked casings, capping, conduits, cable trays as required.

Ensure all cable runs are concealed, neat, labelled, segregated, and compliant with safety standards.

Crimp, terminate, and test all connectors (RJ45, BNC, HDMI, power terminals).

## System Integration and Configuration

Configure all panels, displays, podium controller, microphones, amplifiers, and extenders.

Integrate the 86" IFPD with the two 55" auxiliary displays using the provided splitter and HDMI-over-CAT6 ext

Ensure proper switching between podium PC, external laptop input, and IFPD content.

Configure wireless microphones for stable, interference-free operation.

## CCTV Installation & Setup

Install and align 8 CCTV cameras to achieve optimal coverage inside the lab.

Install and configure the DVR, assign camera channels, set recording parameters, and test playback.

Route camera cables neatly through conduits/casings.

## Testing, Quality Check & Stabilization

Perform comprehensive testing of all AV components including:

Display quality & touch calibration

Audio clarity, volume uniformity, and mic range

HDMI signal stability & extender performance

Podium AV switching

CCTV video quality and recording

Rectify any issues identified during testing.

Ensure system stability during a continuous test run.

## Training & Demonstration

Conduct a training session for faculty and technical staff covering:

Operation of IFPD & podium

Use of microphones, displays, and control systems

Basic troubleshooting

CCTV playback & access

## Clean-Up and Final Handover

Remove debris, packaging, unused cable pieces, etc.

Complete the system handover after approval by Institute representatives.

## Inspection, Testing & Acceptance

Upon installation, the vendor must conduct:

Functional testing of all displays and podium

Audio testing (clarity, coverage, mic range)

CCTV video quality verification

Signal routing & multimedia tests

Cable quality and neatness check

The system will be accepted only after:

All parameters meet specifications

Any issues identified are rectified

Institute issues a User Acceptance Test (UAT) certificate or installation certificate or work completion certificate

#### **Warranty & Support**

The material supplied under this tender shall be accompanied by a comprehensive 03-year onsite warranty from the date of successful installation and acceptance. The Display panels and the digital podium must have 03 years comprehensive warranty from the respective OEMs. The warranty should be verifiable either through the OEM's website or by other means of communication with the institute.

During the warranty period, the OEM/vendor shall provide:

On-site technical support

Replacement of defective components

If any component is declared End-of-Life within the warranty period, the OEM/vendor must replace it with an equivalent or higher model free of cost.

#### **Instructions To Bidders**

Bidders are advised to visit and inspect the site on any working day during office hours before submitting their bids.

No Joint Venture (JV)/Consortium is allowed.

All equipment must be delivered and installed within 45 days of Purchase Order issuance.

Performance Bank Guarantee (PBG) of 5% of the contract value must be furnished within 15 days of award.

All safety measures should be taken care of by the vendor/bidder, in case of any unfortunate incident during the execution. The vendor/bidder will be solely responsible.

#### **Penalty Clause**

Delay in delivery/installation: A penalty @ 02% of the contract value per week, up to a maximum of 10%, shall be levied.

Failure during warranty.

If the bidder fails to repair/replace defective equipment:

No penalty for the first 2 working days.

After first 2 working days: ₹500 per day

Beyond 7 days: Penalty escalates to ₹1,000 per day

Penalties may be recovered from PBG or pending payments.

#### **Amendment Of Bidding Documents**

At any time prior to the deadline for submission of bids, the institute may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, amend the Bidding Documents. These amendments will be notified by a corrigendum on the GeM portal. Bidders are required to immediately acknowledge receipt of such amendment, and it will be assumed that the information contained therein will have been taken into account by the Bidder in its bid.

In order to afford a reasonable time for the prospective Bidders to take the amendment into account in preparing their bids, the institute may, at its discretion, extend the deadline for the submission of bids.

#### **Terms and Conditions for Submission of Bids**

The tender should be valid for a period of Six Months (06 Months) from the date of opening of the tender.

The competent authority of the Institute has every right to extend the due date of tender, or amend or relax a condition/technical specification, if so required.

Deduction of T.D.S will be made as per Government rules.

Bids/Tenders deviating from the above terms and Conditions or the requisite document/s may be rejected straightaway without assigning any reason thereof.

All disputes are subject to the Jurisdiction of the Gwalior court only.

The Institute has the right to reject any or all quotations/Tenders without assigning any reason.

#### Method of Evaluation of Technical Bids

Bids will be evaluated in the following sequence:

Stage-1: Pre-Qualification Check

Stage-2: Technical Evaluation

Annexure-B compliance

Datasheet validation

Past experience

Stage-3: Financial Evaluation (L1 selection)

The Institute may ask shortlisted bidders to demonstrate the offered equipment or provide physical brochures/tems.

#### Premature Termination of Contract

During the entire period of the contract, if at any point of time, Bidder fails to deliver the services as per the scope, due to any lapse / reason, the institute reserves the right to terminate the contract in full/partial by giving one-month advance notice for restoration of service/fault to the bidder and after one-month. The institute can terminate the contract if issue is still not resolved by the bidder by giving one-month notice for cancellation. The institute also reserves the right to terminate the contract placed on the selected bidder in the following circumstances:

The selected bidder commits a breach of any of the terms and conditions of the bid.

If the bidder/OEM is unable to resolve any hardware/ software/service-related issue for more than 1 month.

If the Bidder becomes insolvent or goes into liquidation or receivership, whether compulsory or voluntary.

If the Bidder, in the judgment of the institute, has engaged in corrupt or fraudulent practices in competing for executing this Contract.

If the Bidder submits to the institute a false statement that has a material effect on the rights, obligations or interests of the institute.

If the Bidder places itself in position of conflict of interest or fails to disclose promptly any conflict of interest to the institute.

The progress made by the selected bidder is found to be unsatisfactory.

The performance of the selected bidder shall be reviewed every quarter, in case of major deviation in performance from the proposed Service Levels. The institute reserves the right to terminate the contract at its sole discretion giving 30 days' notice.

Any offer falling short of the contract validity period is liable for rejection.

At any time, if Bidder/Agency makes default in proceeding with the works with due diligence and continues to do so after a notice in writing of 07 days from the institute's representative or

Commits default in complying with any of the terms & conditions of the contract and does not remedy it or take effective steps to remedy it within 07 days after a notice in writing is given to him on that behalf of the institute.

Fails to complete the works or items of work or before the stipulated date(s) of completion and does not complete within the period specified in a notice given in writing by the institute's representative.

Also, during the entire period of the contract, if it is felt that the services envisaged under this bid document is required, the institute reserves the right to terminate the contract in by giving one (01) month's advance notice to the contractor. Under such conditions, the payment for that period would be made on a pro-rata basis and shall be restricted to the notified date of termination of service. In the case of termination/cancellation of the order, the Bidder will not be entitled to recover from the institute any amount by way of damages, loss or otherwise.

In case the selected bidder fails to deliver the services as stipulated in the delivery schedule, the institute reserves the right to procure the same or similar from alternate sources at the risk, cost and responsibility of the selected bidder and deduct an amount as may be considered appropriate by the institute.

The decision of the Director, ABV-IIITM Gwalior, as to whether any of the events/ contingencies mentioned in the usually mentioned clauses entitling the institute to terminate the contract has occurred shall be final and binding on the bidder.

#### Force Majeure

The right of the bidder to proceed with the work shall not be terminated because of any delay in the completion of the work due to unforeseeable causes beyond the control and without the fault or negligence of the contractor, including but not limited to acts of God, or of the public enemy, restraints of a sovereign state, floods, or unusually severe weather conditions.

#### Arbitration

Any claim, dispute, or difference arising out of or in connection with this agreement and which cannot be settled by mutual consultations shall be referred to sole Arbitration or an Arbitrator to be appointed by mutual consultations. The award of the Arbitrator shall be final and binding between the parties as per the terms and conditions of the Agreement to be executed on the award of the contract. Notwithstanding any dispute between the parties, the agency shall be entitled to withhold, delay, or defer its obligation under the contract, and the same shall be carried out strictly in accordance with the terms and conditions of the contract. Neither party shall be entitled to suspend the works, and payment to the Bidder shall continue to be made as provided by the contract.

The Arbitration proceeding shall be governed by the Arbitration and Conciliation Ordinance dated 26th March, 1996 and shall be conducted in Madhya Pradesh.

#### Payment Terms

No advance payment shall be made.

100% payment will be released after successful delivery, installation, testing, and commissioning.

All payments are subject to deductions (TDS, penalties, etc.) as applicable.

No increase in rates shall be allowed during the contract period except change in GST.

Tender Specifications for the Implementation of Audio-video facility and surveillance in Generic Lab 2, Block-C of IIITM Gwalior

ANNEXURE-A Schedule of Requirements		
Sl. No.	Item Description	Qty (Nos.)
1	Supply, Installation, Testing & Commissioning of 86" Interactive Flat Panel Display (IFPD)	01
2	Supply, Installation, Testing & Commissioning of 55" Non-Interactive Flat Panel Display (IFPD) for delay display from the 86" interactive panel	02
3	Supply, Installation, Testing & Commissioning of 1x2 4K @60Hz HDMI Splitter	01

4	Supply, Installation, Testing & Commissioning of Digital Podium	01
5	Supply, Installation, Testing & Commissioning of CAT 6 - HDMI Extender Tx-Rx Set along with required cables and connectors	02
6	Supply, Installation, Testing & Commissioning of Speakers along with cabling and all accessories	06
7	Supply, Installation, Testing & Commissioning of Microphone and Receiver System	01
8	Supply, Installation, Testing & Commissioning of CCTV Surveillance system.	08 Camera and 01 DVR
9	All accessories as required to complete the work.	01

#### ANNEXURE-B Detailed Specification

Supply, Installation, testing, and commissioning of 86" Interactive Flat Panel Display (IFPD) :

QTY: 1

Ser	Nomenclature	Description	Compliance Yes/No and associated value/statement
1	Display Size	86 inches diagonal or better	
2	Panel Type	IPS or VA (Vertical Alignment) or better	
3	Backlight Unit	Anti-Glare Direct LED (DLED) or better	
4	Resolution	3840 x 2160 pixels (4K Ultra HD) or better	

5	Aspect Ratio	16:9 or better	
6	Brightness	400 cd/m <sup>2</sup> typical, 450 cd/m <sup>2</sup> maximum or better	
7	Contrast Ratio	5000:1 or better	
8	Response Time	8 ms or faster	
9	Viewing Angle	178° horizontal and vertical or better	
10	Display Colors	1.07 billion colors (10-bit) or better	
11	NTSC Gamut	72% or higher	
12	Touch Technology	Infrared recognition in touch panel or better	
13	Touch Points	Supports up to 40 touch points or more	
14	Touch Accuracy	±2.0 mm or more precise	
15	Touch Response Time	≤8 ms or faster	
16	Writing Height	≤2 mm or better	
17	Minimum Object Size	2 mm or smaller	
18	Supported Operating Systems	Windows 11/Android or Higher	
19	Built-in Operating System	Android 13.0 or newer, Certified on OEM Name, verifiable online	
20	Processor	ARM Cortex-A55 Quadcore 1.55 Ghz or better	
21	RAM	8 GB or more	
22	Storage	128 GB on board or more	
23	Audio Output	2 x 20W front-facing speakers or more	
24	Input Ports	HDMI IN (3), VGA IN (1), DP IN (1), USB 2.0 (1), USB 3.0 (4), Type-C (2), Audio IN, RS232, RJ45 IN, USB touch port (Type A-B) (2), TF Card (1) or equivalent	
25	Output Ports	HDMI OUT (1), Audio OUT, SPDIF, RJ45 OUT or equivalent	

26	Connectivity	Bluetooth 5.0 or higher & WiFi-6 or higher	
27	Power Supply	100-240V~50/60Hz, 4.0A or better	
28	Accessories	Includes power cord, HDMI cable, USB touch cable (Type A-B), remote control, wall mount bracket, stylus pen or equivalent	
29	Environmental Conditions	Operating temp: 0°C-40°C, humidity: 10%-90%, storage temp: -20°C-60°C or better	
30	Software Features	Whiteboard Applications with all relevant features	
31	Open Pluggable Specification	Processor: Intel Core i5 11th Gen & above. RAM: 8GB, Internal Memory: 256GB SSD OS: Microsoft Windows 11 Genuine	
32	Certification	BIS	
33	BIS Registration as per CRS of Meity	Yes	
34	BIS Registration Number	Yes	
35	Energy Star Rating in line with the Government of India	3 star or higher	

Specifications for Supply, Installation, testing, and commissioning of 55" NON-Interactive Flat Panel Display (IFPD) for Delay Display from the 86" interactive panel

QTY: 02

01	Panel Size	55"	
02	Display panel type	TFT LCD Module DLED backlight	
03	Native Resolution	3840 x 2160 4K or better	
04	Aspect Ratio	16:9	
05	Colors	1.07G (8bits + FRC) or better	
06	Brightness	520 nits or better	
07	Contrast ratio	5000:1	
08	Viewing angle	178:178 degrees	

09	Surface treatment	Anti-glare, 3H hardness	
10	Processor	Quad Core or better	
11	RAM	4 GB or better	
12	Storage	32 GB or better	
13	Response Time	8 ms or lower	
14	Operating Hours	7/24	
15	USB Connectivity	Type A: 2.0x2, Type C x1 (DP1.2, PD 15W, USB 2.0)	
16	LAN	RJ45x1 with 1 Gbps card or better	
17	Input HDMI	2.1x2	
18	Backlight Life	50,000 hours or better	
19	Speakers	10Wx2	
20	Accessories	Remote control with batteries, power cables, wall mount & screws	
21	Certification	BIS	
22	BIS Registration as per CRS of Meity	Yes	
23	BIS Registration Number	Yes	
24	Energy Star Rating in line with the Government of India	3 star or higher	
25	Supply, Installation, Testing & Commissioning of Ceiling Mount for 55" Display -	Should support max load of 50kg -Should support VESA mount of 200x200 to 600x400 -Should be made of steel	
Supply, Installation, Testing & Commissioning of 1X2 4K@60Hz HDMI Splitter			
Qty: 01			
01	Supply, Installation, Testing & Commissioning of HDMI Splitter	Should support max load of 50kg -Should support VESA mount of 200x200 to 600x400 -Should be made of steel	

Supply, Installation, Testing & Commissioning of Digital Podium

Qty: 01

01	Body	Metallic (Fully powder Coated) body with Top Sliding Mechanism, Provision for Monitor, Electronic Monitor Lift, Document Camera Tray.	
02	Touch Monitor	<p>Display Size (in.): 22, Viewable Area (in.): 21.5, Panel Type: IPS Technology, Resolution: 1920 x 1080,</p> <p>Resolution Type: FHD (Full HD), Static Contrast Ratio: 1,000:1 (type), Dynamic Contrast Ratio: 50 M:1</p> <p>Light Source: LED, Brightness: 200 cd/m<sup>2</sup> (type), Colours: 16.7M, Colour Space Support: 8 bit (6 bit + Hi-FRC), Response Time (Typical GTG): 5ms, Response Time (GTG w/OD): 5ms, Viewing Angle: 178° horizontal, 178° vertical, Backlight Life (Hours): 30000 Hrs (Min), Curvature: Flat, Refresh Rate (Hz): 60</p> <p>Blue Light Filter: Yes, Flicker-Free: Yes, Colour Gamut: NTSC: 77% size (Type), sRGB: 108% size (Type),</p> <p>Pixel Pitch: 0.248 mm (H) x 0.248 mm (V), Touch Screen: Projected Capacitive, 10-point multi-touch,</p> <p>Surface Treatment: Glossy, Hard Coating (7H), Cover Glass Thickness: 0.7mm</p>	
03	Connectivity	<p>VGA: 1,</p> <p>USB 3.2 Type A Down Stream: 2, USB 3.2 Type B Up Stream: 1, 3.5mm Audio In: 1, 3.5mm Audio Out: 1, HDMI 1.4: 1, DisplayPort: 1</p>	
04	HDMI Matrix Controller	A central multimedia controller with 4 x 2 HDMI Controlling with audio embedder, Routes up to four 4K HDR HDMI sources to two 4K HDR display devices such as a TV or digital projector, Supports 4K@60Hz 10bit 4:2:0   4:4:4 and HDR@24Hz 10bit BT.2020, HDMI Inputs and HDMI outputs support bandwidths of up to 18Gbps, Fully HDCP 2.2 compliant HDR and Dolby Vision support, Each HDMI output supports scaling down to 1080p without affecting 4K source content	
05	Microphone	Gooseneck Microphone, Two sleek and 23"(585 mm) long gooseneck condenser phantom powered microphone with natural and clear sound.	
06	Mini PC	PC with i5-12th Gen - 8 GB RAM - 1 TB SSD - Win 11	

07	Accessories	<ul style="list-style-type: none"> <li>- Easy input connectivity plate with USB x 02, HD MI x 01, 5 Amp Pwr x 01</li> <li>- Easy output connectivity plate with HDMI x 01, 5 Amp pwr x 01</li> <li>- With all cables &amp; accessories with 6 socket power PDU.</li> </ul>	
Supply, Installation, Testing & Commissioning of CAT 6 - HDMI Extender Tx-Rx Set along with required cables and connectors			
Qty: 02			
Supply, Installation, Testing & Commissioning of Speakers along with cabling and all accessories			
Qty: 06			
1	Body	High fidelity 2-Way PA Wall Speaker in compact & attractive with White plastic housing. Comprises of a Water Resistant PP coated cone Woofer, a Titanium Dome Tweeter and a 2-way Crossover Network.	
2	POWER RATING	30W RMS/45W Max.	
3	POWERTAPS	30W, 30/20/15/10/5W	
4	IMPEDANCE/VOLTAGE	8Ω/100V	
5	FREQUENCY RESPONSE	75-20,000Hz	
6	SPL at 1kHz (1W/1m)	87dB	
7	Wall mount kit	Should be supplied with the wall mount kit.	
Supply, Installation, Testing & Commissioning of Microphones and Receivers			
Qty: 01			
1	PA Wireless Microphones	One hand held and one Bodypack that can work on 2 X 1.5V AA pencil cells.	
2	Receiver	table-top dual channel receiver with frequency display. The receiver should have separate volume control for both channels on the front panel of the receiver. Separate balanced audio output from each channel through XLR connector and an unbalanced mixed output through 6.3mm (1/4") jack socket available in the receiver.	
3	Receiver's audio output	Bal. 0dBu, Unbal.-10dBu	

4	Signal to noise ratio	>90dB
5	Distortion	≤ 1%
6	RF OUTPUT POWER	10mW (Max) for Handheld microphone and 15mW (Max) for bodypack microphone
7	Modulation mode	FM
8	Frequency Response	90-15,000Hz or better
9	Controls	ON/OFF Switch on both microphones and a Vol. Control on the bodypack microphone

Supply, Installation, Testing & Commissioning of CCTV Surveillance system.

Qty: 08 Camera and 01 DVR

1	Color IR Dome Camera	At least 2.0 Megapixel CMOS Image Sensor, 3.6 mm lens (or higher), Upto 20M IR distance, HD/Full HD output.
2	08 channels DVR	H.264 compression, 720p or higher output resolution, atleast one SATA interface (up to 4TB or more per HDD), HDMI/VGA output (to be compatible with the quoted monitor), smart search for efficient playback.

(To be printed on the manufacturer's letterhead)

#### Form-1: MANUFACTURER'S AUTHORIZATION FORM

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. The authorization should be on the letterhead of the Manufacturer and should be signed by a person with the priority to sign documents that are binding on the Manufacturer].

Date: [insert date (as day, month and year) of Bid Submission]

Tender No.: [insert number from Invitation for Bids]

To:

The Director,

ABV-IIITM, Morena Link Road,

Gwalior, Madhya Pradesh 474015

WHEREAS

We [insert complete name of Manufacturer], who are official manufacturers of [insert type of goods manufacturing factories at [insert full address of Manufacturer's factories], do hereby authorize [insert complete name of the Goods] to submit a bid the purpose of which is to provide the following Goods, manufactured by us [insert name and description of the Goods], and to subsequently negotiate and sign the Contract. We also declare that all the items will be covered by 03 years of warranty and OEM support and will not be declared end of life and end of support for 03 (Three) years from the date of the successful installation of the equipment.

We hereby extend our full guarantee and warranty in accordance with the condition and clauses of this bid, without limitation to the Goods offered by the above firm.

Signed: [insert signature(s) of authorized representative(s) of the Manufacturer]

Name: [insert complete name(s) of authorized representative(s) of the Manufacturer]

Title: [insert title]

Duly authorized to sign this Authorization on behalf of: [insert complete name of Bidder]

Dated on day of, [insert date of signing]

(To be printed on letterhead)

Form-2: Declaration regarding Non-Blacklisting / Debarment

GeM Bid Ref. No.:

I/We \_\_\_\_\_ (Applicant) hereby declare that our firm/company namely M/s \_\_\_\_\_ and the OEM M/s \_\_\_\_\_ are and have not been blacklisted or debarred in the past by the Central Govt. / State Govt. / Public Sector Undertaking/ Universities/ Research Institutions or any other Govt. organization from taking part in Government Tender in India and has not been blacklisted or debarred in the past by any Court(s).

(OR)

I/We \_\_\_\_\_ (Applicant) hereby declare that our firm/company namely M/s \_\_\_\_\_ was blacklisted or debarred by the Central Govt. / State Govt. / Public Sector Undertaking/ Universities/ Research Institutions or any other Govt. organization from taking part in Government Tender for a period of \_\_\_\_\_ years w.e.f. \_\_\_\_\_ to \_\_\_\_\_. The period is over on \_\_\_\_\_ and now the firm/company is entitled to take part in Government Tender.

---

Authorized Signatory (signature in full):

Name:

Designation:

Seal of the Firm/Company:

(To be printed on bidder's letterhead)

Form-3: List along with the contact details of the clients

GeM Bid Ref. No.:

List of Clients for whom the Bidder has undertaken such work in compliance with this tender. (must be supported with purchase orders/work order/completion certificates issued by the client)

SN	Name and Address of Clients	Type of organization(Central/ State Government / PSU / Autonomous bodies/ government subsidiaries/ private academic institutions/Public listed companies)	Date of issue of the work order.	Duration of the contract if under support and AMC.	Value of the tender	Name of the contact person and Phone & E-mail ID

Authorized Signatory (signature in full):

Name:

Designation:

Seal of the Firm/Company

(To be printed on bidder's letterhead)

#### Form-4: DEVIATION STATEMENT

(To be filled by the bidder in their letter head and submit along with their Techno-Commercial (un-priced) Bid t)

The bidder may give here a consolidated list of deviations for all sections of the bid document, which for an offer is considered unavoidable by him.

Any deviations and their justifications provided outside this form will not be considered by ABV-IIITM Gwalior. iations will render the offer non-responsive and subject to rejection. All other clauses of the referred GeM bid i

ioned in this form) shall be deemed to be fully complied by the bidder.

ABV-IIITM Gwalior reserves the right to accept or reject the deviations / justifications and accordingly to take a decision to qualify the bidder in the evaluation of the Techno-Commercial (Un-priced) Bid.

The bidder must upload this Deviation Statement along with their Techno-Commercial (Un-priced) Bid. If there are no deviations, then the same should be uploaded stating 'No Deviations'.

Schedule of Deviations in reference to [insert GeM bid id]

Sr. No.	Bid section and Clause No.	Terms & Condition as per the bid Document	Deviation	Justification by the bidder towards deviation

(Signature of authorized signatory of the TENDERER)

Name: \_\_\_\_\_ Designation: \_\_\_\_\_ Place: \_\_\_\_\_

Seal: \_\_\_\_\_ Date: \_\_\_\_\_

(To be printed on bidder's letterhead)

Form-5: OFFERED SOLUTION

TO BE SUBMITTED ON THE BIDDER's LETTERHEAD WITH STAMP, SIGNATURE, AND CONTACT DETAILS

S.No.	Hardware/Software/License/Accessory etc.	Offered Brand	Offered Model No.	Offered Catalogue No.
1				
2				
3				
4				
5				
6				

(To be printed on bidder's letterhead)

Form-6: Bid Documents checklist

S n o .	Eligibility Criteria	Documents required as proof of claim
	<p>The Bidder should be an established IT System Integrator and should have been engaged in similar IT projects/</p> <p>solutions business for a period of at least 5 years as on the last date of submission of the technical bid.</p>	Certificate of incorporation and address proof of the registered office.

	Availability of the Manufacturer/OEM Authorization form.	MAF (Manufacturer/OEM's Authorization Form) from the Manufacturer of Display Panels and the Digital Podium for the current bid in the prescribed format/form attached.
	The bidder should have executed at least 3 similar project covering a similar scope of work, in Central/State Government /PSU / Autonomous bodies/ government subsidiaries/private academic institutions/Public listed companies or any government organization in India during the last five years. Similar Work means: Supply and installation of Audio Video setup, or large display panels, or large LED screens.	A copy of the purchase orders and installation reports shall be submitted, or a letter of completion of the project should be submitted. The document should clearly mention the make, model, and preferably the capacity of the installed items and should be self-sufficient, and should have been issued by the client. Details of the work order to be filled as per Form 3.
	Bidder should have a minimum of one Workorder value of Rs 6.4 Lakhs, or two orders of Value Rs. 4.0 Lakhs, or three work orders of 3.2 Lakh each, in the last 7 years. Work order for similar work would only be considered.	A copy of the purchase orders and installation reports shall be submitted or a letter of completion of the project should be submitted. The document should clearly mention the make, model, and preferably the capacity of the installed fire walls, should be self-sufficient, and should have been issued by the client. Details of the work order to be filled as per Form 3.
	The Bidder and the OEM shall not be banned/ blacklisted/ defaulter by any State or Central Government/ any other Government institutions in India, for any reason during the last 5 years from the submission of the Bid. A declaration is required to be submitted by the bidders on their company letterhead, duly signed by the authorised signatory of the company.	Declaration as per attached Form.
	Compliance with Technical Specifications	The respective OEMs of the Display Panel and Digital Podium must accept the technical specifications of the product outlined in Annexure-B by signing and stamping the document on their official letterhead, which must contain their contact information.
	The OEM must have its own registered office in India for at least the past 5 years, as of the date of bid submission.	Certificate of incorporation and address proof of the registered office.
	Annexure-B on OEM's letterhead with stamp, signature and contact details. (For Display panels and Digital Podium)	
	All attached forms	All attached forms.
	A datasheet of the proposed Display Panels and Podium which shall also be available publicly on the OEM's website.	

## 5. Buyer Added Bid Specific ATC

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

## अस्वीकरण/Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and 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 experience provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category being 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.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference section of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this can raise their representation against the same by using the Representation window provided in the bid details field 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.

**All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; a Code on Social Security, 2020 as and when notified and brought into force by the Government of India.**

**For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.**

**The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:**

- All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and
- All operative provisions of the erstwhile Labour Laws until their complete substitution.

**All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.**

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

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 भा भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस नियिदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिक 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 को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा। /In terms of GeM GTC clause 26 regarding Restrictions on procuring 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 participates in the tender 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 termination of the contract and further legal action in accordance with the laws.

**---धन्यवाद/Thank You---**