

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	05-06-2025 11:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	05-06-2025 11:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	90 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Agriculture And Farmers Welfare
Department Name/विभाग का नाम	Department Of Agricultural Research And Education (dare)
Organisation Name/संगठन का नाम	Indian Council Of Agricultural Research (icar)
Office Name/कार्यालय का नाम	National Research Centre On Equines Hisar
क्रेता ईमेल/Buyer Email	buycon264.icari.hr@gembuyer.in
Total Quantity/कुल मात्रा	38
Item Category/मद केटेगरी	Title1 , Title2 , Title3 , Title4 , Title5 , Title6 , Title7 , Title8 , Title9 , Title10 , Title11 , Title12 , Title13 , Title14
GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS	Audio-Visual Video conferencing System for committee room
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Video Recorder for CCTV System (V2), Daisy Player for Visually Impaired
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> <li>Audio Amplifier confirming to IS 616 (Under BIS Scheme - II) (V3)</li> <li>Microphone</li> <li>Speaker (V2)</li> </ul>
BOQ Title/बीओक्यू शीर्षक	Purchase of audio visual video conferencing system
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes

Bid Details/बिड विवरण	
<b>Document required from seller/विक्रेता से मांगे गए दस्तावेज़</b>	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate,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
<b>Do you want to show documents uploaded by bidders to all bidders participated in bid?/</b>	Yes
<b>Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया</b>	No
<b>Type of Bid/बिड का प्रकार</b>	Two Packet Bid
<b>Primary product category</b>	Title1
<b>Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय</b>	2 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
<b>Arbitration Clause</b>	No
<b>Mediation Clause</b>	No

#### EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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#### ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	3.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	14

(a). 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 :

Director

National Research Centre on Equines Hisar, Department of Agricultural Research and Education (DARE), Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare  
(T.k Bhattachariya)

**MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes
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**MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

3. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined 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 qualify as 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 local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or 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. 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.

4. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online 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 any 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 and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 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 contract 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.

5. 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.

## Title1

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

### Technical Specifications/तकनीकी विशिष्टियाँ

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

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

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

<b>S.No./क्र. सं.</b>	<b>Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी</b>	<b>Address/पता</b>	<b>Quantity/मात्रा</b>	<b>Delivery Days/डिलीवरी के दिन</b>
1	Sunil	125001,ICAR-National Research Centre on Equines, Sirsa Road, Hisar	1	45

## Title2

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

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Sunil	125001,ICAR-National Research Centre on Equines, Sirsa Road, Hisar	1	45

### Title3

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

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Sunil	125001,ICAR-National Research Centre on Equines, Sirsa Road, Hisar	1	45

### Title4

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

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Sunil	125001,ICAR-National Research Centre on Equines, Sirsa Road, Hisar	1	45

**Title5**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

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**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	Sunil	125001,ICAR-National Research Centre on Equines, Sirsa Road, Hisar	1	45

**Title6**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

Specification Document	<a href="#">View File</a>
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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Sunil	125001,ICAR-National Research Centre on Equines, Sirsa Road, Hisar	2	45

**Title7**

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

**Technical Specifications/तकनीकी विशिष्टियाँ****Specification Document**[View File](#)**BOQ Detail Document**[View File](#)

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**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	Sunil	125001,ICAR-National Research Centre on Equines, Sirsa Road, Hisar	1	45

**Title8**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier**

respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

<b>S.No./क्र. सं.</b>	<b>Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी</b>	<b>Address/पता</b>	<b>Quantity/मात्रा</b>	<b>Delivery Days/डिलीवरी के दिन</b>
1	Sunil	125001,ICAR-National Research Centre on Equines, Sirsa Road, Hisar	1	45

**Title9**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

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**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	Sunil	125001,ICAR-National Research Centre on Equines, Sirsa Road, Hisar	20	45

### Title10

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

#### Technical Specifications/तकनीकी विशिष्टियाँ

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Sunil	125001,ICAR-National Research Centre on Equines, Sirsa Road, Hisar	1	45

### Title11

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

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Sunil	125001,ICAR-National Research Centre on Equines, Sirsa Road, Hisar	1	45

**Title12**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

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**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	Sunil	125001,ICAR-National Research Centre on Equines, Sirsa Road, Hisar	2	45

**Title13**

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

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**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	Sunil	125001,ICAR-National Research Centre on Equines, Sirsa Road, Hisar	4	45

**Title14**

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

**Technical Specifications/तकनीकी विशिष्टियाँ****Specification Document**[View File](#)**BOQ Detail Document**[View File](#)

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

**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	Sunil	125001,ICAR-National Research Centre on Equines, Sirsa Road, Hisar	1	45

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

### 1. 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.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections 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 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.

**All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws 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. Any non-compliance will be treated as breach of contract**

**and Buyer may take suitable actions as per GeM Contract.**

[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---**

F.No: 21-458/S&P/21-22

Dated: 15.05.2025

**Terms and Conditions for submission of BOQ Bid for Audio-visual/video conferencing system as per scope of work Annexure-I**

1. Interested eligible bidders are requested to submit their bids through GeM portal alongwith all necessary documents, as per the specifications and terms and conditions of bid document. The bid can be uploaded/ submitted as per dates of GeM portal.
2. Bid Security:- A Bid security declaration should be furnished by all the bidders (on company letter pad), if otherwise not exempted, stating that if I/We withdraw or modify the bid(s) during the period of validity or if they are awarded the contract and they fail to sign the contract or to submit a performance security before the deadline defined in the request for bids document, they will be suspended for the period of two year to submit bids with this office in future.
3. The Director, NRCE, Hisar reserves the right to accept or reject all or any of the bid in part or full without assigning any reason.
4. The delivery of goods/equipment shall be F.O.R. NRCE, Hisar. The firm should clearly mention the delivery period, which normally should not be more than 45 days from the date of issue of order contract.
5. Bid should be inclusive of all packing and other forwarding expenses, freight insurance charges. The firms should give the rates of items per unit also. The prices quoted shall remain firm & fixed during their currency of the contract. The rates and prices quoted shall be in Indian rupees only. All duties, taxes etc. payable should be included in the quoted prices.
6. Complete descriptions, specifications and make of all the goods/items quoted should be given. Printed literature/pamphlets should be sent with the bid, failing which the same may not be considered.
7. The purchaser will evaluate and compare the bid which are substantially responsive i.e. which are properly prepared and signed and meet the required terms and conditions, specifications etc. The purchaser will award the contract to the supplier whose quotation will be determined to be responsive and offers the best evaluated price.
8. The minimum period of warranty/Guarantee shall be 12 months from the date of installation/commissioning.
9. Successful quoter/bidder has to deposit 3% amount of the total cost of the Procurement as Performance Security money in the form of DD/BG/FDR in favor of ICAR UNIT NRCE, Hisar etc.
10. The payment of goods is to be made on completion of satisfactory supply. The supplier will have to send supply challans and delivery notes along with the supply and bill in triplicate indicating clearly the purchase Order No. date and other details of supply.
  - a. Bid shall remain valid for acceptance for a period as indicated on GeM portal.
  - b. The firms on whom the supply order is placed within the period of acceptance of the offer will be required to execute the supply within a specified period from the date of issue of the supply order. If the supplier fails to delivery any or all of goods, the purchaser shall have the right to make deductions as per liquidated damages clause. A sum equivalent to 0.5% of the delivery price of the delayed goods for each week of delay may be deducted. The maximum limit of such deduction will be of 10% of contract price. Once the maximum is reached, the purchaser will consider termination of the contract automatically.

11. A supplier shall not submit more than one bid for the same goods/services. The authorized firm/ dealer should submit bid along-with OEM authorization letter from manufacturer firm, otherwise bid will not be entertained and rejected straightway.
12. The firm should invariably mention the registration No. of firm, GST No. etc., failing which quotation may not be considered.
13. An undertaking should be submitted alongwith bid to the effect that the firm has not been blacklisted/ debarred by any Govt. department/ Public sector undertaking during last 3 years.
14. All the disputes/litigation, if any are subject to Hisar jurisdiction only.
15. You are also requested to return this original tender enquiry (all the pages) at it is, duly signed on every page. Dealer may submit the OEM authorization letter otherwise bid will be rejected.

Yours faithfully

-sd-  
Assistant Administration Officer (P)

**TENDER ACCEPTANCE LETTER**  
(To be given on Company Letter Head)

Date:

To,

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: \_\_\_\_\_

Name of Tender/Work:-

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sir,

1. I/ We have downloaded/ obtained the tender document(s) for the above mentioned 'Tender/Work' from the website(s) namely:-

\_\_\_\_\_  
As per your advertisement, given in the above mentioned website(s)

2. I/ We hereby certify that I/ We have read the entire terms and conditions of the tender documents including all documents like annexure(s), schedule(s), etc., which form part of the contract agreement and I/ we shall abide hereby the terms/conditions/ clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organisation too has also been taken into consideration, while submitting this acceptance letter.
4. I/ We hereby unconditionally accept the tender conditions of above mentioned tender document(s)/ corrigendum(s) in its totality/ entirety.
5. I/ We do hereby declare that our firm has not been blacklisted/ debarred by any Govt. Department/ Public sector undertaking.
6. I/ We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/ untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.
7. I/ We hereby undertake to declare that if I/We withdraw or modify the bid(s) during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document, they will be suspended for the period of two year to submit bids with this office.

Yours Faithfully

(Signature of the bidder, with official seal)



**ORIGINAL EQUIPMENT MANUFACTURER (OEM)  
MANUFACTURER'S AUTHORIZATION LETTER**

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

To

The Director,  
ICAR-National Research Centre on Equines  
Hisar (Haryana)

Sub : OEM Authorization Certificate for GEM Bid No. \_\_\_\_\_

Dear Sir,

We the original manufacturer of \_\_\_\_\_ (name of equipment) at

\_\_\_\_\_ (address of  
factory) do hereby authorize M/s

\_\_\_\_\_ (Name of authorized firm) to  
submit a bid, negotiate and receive the order from you against your tender enquiry/GeM Bid  
No. \_\_\_\_\_

No company or firm or individual other than M/s \_\_\_\_\_

\_\_\_\_\_ (name with complete address and phone number) is authorized to bid, and conclude the  
contract on our behalf against the above bid.

We hereby confirm the genuineness of the product being offered by the above authorized  
firm on our behalf. We also take the responsibility of warranty obligation being offered by  
the above authorized firm on our behalf.

We hereby extend our full guarantee for supplying of genuine product, its warranty and after  
sale service against the above bid.

We are aware that either the manufacturer or its authorized dealer can be considered as valid  
bidders and in case where the manufacturer has submitted the bid, the bid of its authorized  
dealer will not be considered.

Yours faithfully,

Signature of authorized signatory

**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. It should be included by the Bidder in its techno-commercial unpriced  
bid.**

### Items Specifications

86" Ultra HD interactive Flat panel Display		Quantity: One	
S. No.	Parameter	Specifications	
1	Display Panel Diagonal size	86 Inches or higher	
2	Resolution	3840 x 2160 (4K or Higher)	
3	Display Colour	1.07 Billion or Higher	
4	Brightness	350cd/m2 (Min) & 500cd/m2(Max)	
5	Viewing Angle	±178 ° or better viewing angle	
6	Contrast ratio	1200:1	
7	Dynamic Contrast Ratio	30000:1	
8	Response Time	Not more than 5 ms	
9	Lifetime	50,000 hours or more	
10	Speakers	2 x 18 Watts or Higher	
11	Deployment of Touch Technology	Advanced Infrared	
12	Thickness of the touch glass	4mm Toughened Glass with 9H Toughness or better	
13	Surface technology	Anti-Glare	
14	Touch accuracy	1mm or better	
15	Touch Points in Windows	Must have a touch capability of minimum 20 points	
16	Interface	USB3.0*3, Keys : Power/Homepage/Screen down/Record/Touchlock/Setting, USB 2.0 : 2, TOUCH : 1, HDMI IN : 2, VGA : 1, AUDIO IN : 1, RS232 : 1, RJ45 IN : 1 EARPHONE : 1 COAX : 1,	
17	CPU	8 core A55 or better	
18	GPU	Quad-core MaliG52 or better	
19	Android version	Android 12.0 or Higher (With Playstore)	
20	Built-in Software	File manager, Screen mirroring, Chrome, google playstore, Youtube, WPS, Welcome Page, Settings, Calculator, User Manual, Float tool, Side tool bar, Note, Vote, Screen recording, Wireless Content sharing, text recognition. 4 Application split screen, screen recording, screen capture, Wireless File sharing form mobile phones. U disk lock screen, USB port Block, Multi-user management,	

21	Built in VC Software	Host should be able to invite 100+ participants for online sessions, the software must have the capability of transmitting up to 4 cameras feeds simultaneously over Video Conference from the host login and The software should support 4K resolution video, chat, data collaboration and digital whiteboard. The software should provide the solution for Local Recording of the Virtual classroom session. Web Application Security Testing Certificate/ Security Test for Vulnerability Assessment and Penetration Testing Certificate by competent Authority should be submitted for the Video Conferencing Software. Interactive Display and Video conferencing software should be from same OEM	
22	White Board Feature	Menubar includes new whiteboard, storage, sharing, closing, and setting functions,Page management,Painting brush-preset 9 monocolors and 2 gradient,Thickness: preset 6 brush sizes,support ordinary brush, marker, pen three brush styles, as well as text recognition brush andgraphicsrecognition brush two intelligent brush, eraser,Table, Timer, Voting, Withdrawal and redo, Single point / multi point,Mini whiteboard: QR code: Scan the QR code in the web link.for to use the mobile terminal to scan the annotation content (picture format).	
23	Inbuilt WiFi	Dual WIFI (5G & 2.4G )802.11ac/b/g/n/a,Hotspot or better	
24	Bluetooth	BT5.0 or better	
25	RAM	8 GB or Higher	
26	ROM	64 GB or Higher + 64GB TF Card	
27	Certification	BIS (Indian), CE, FCC & ROHS certification.	
28	Warranty	3 Years or Higher.	
<b>OPS</b>		<b>Quantity One</b>	
1	OPS	Interactive display must have 80 Pin OPS slot	
2	Processor	It should have Intel i5 processor or higher with Licensed Windows 11 IOT GAC OS. 10th generation or higher	
3	RAM	It should have RAM of 8GB	
4	ROM / Storage memory	It should have memory storage of 256GB SSD or higher	
5	Interface	It should have USB2.0 x 2 ports,	
		USB3.0x 4 ports,	
		DP outx1 port,	
		HDMI out x1 port.	
6	Network	It should have RJ45 LAN port x 1	
7	WiFi	It should have inbuilt WiFi with two antennas.	
8	Bluetooth	It should have Bluetooth version 4.0 or above	

9	Audio ports	It should have 3.5mm with Mic/Line-inx1 port,Line-out 3.5mmx 1 port.	
<b>4K 12X optical Zoom PTZ Camera</b>		<b>Quantity : One</b>	
<b>S. No.</b>	<b>Parameter</b>	<b>Specifications</b>	
1	Sensor	1/2.5 inches CMOS, Effective pixels:8.51 Megapixels or Better	
2	Lens	12x Optical, f4.4mm-52.8mm, F1.8-F2.6	
3	FOV	78°	
4	Video Format	YUY2:Max 1080P30: MJPEG:2160P30:H.264 A/C Max. 2160P30, Support H.264 SVC: Max 2160P30	
5	Signal system	4KP30, 4KP25, 1080P30, 1080P25	
6	Scanning mode	Progressive	
7	Digital zoom	16x	
8	Minimum illumination	0.5Lux@(F1.8,AGC ON)	
9	Shutter	1/30s- 1/10000s	
10	White balance	Auto indoor,outdoor,one push, manual VAR	
11	Backlight compensation	Support	
12	digital noise reduction	2D AND 3D Digital noise reduction	
13	SNR	>55dB	
14	Pan angle	170°	
15	Tilt angle	-30° - 90°	
16	Pan speed	2.7° - 35.7°/s	
17	Tilt speed	2.7° - 35.7°/s	
18	Image flip	Support	
19	Present position	255	
20	Video compression	H.264/MJPEG	
21	Video stream	First stream , Second stream	
22	First stream resolution	3840x2160, 1920x1080, 1280x720 etc.	
23	Second stream resolution	1920x1080, 1280x720, 1024x576 etc	
24	Video bit rate	32kbs-20480kpbs	
25	Bit rate control	VBR, CBR	
26	Frame rate	50Hz1fps-25fps,60fps-30fps	
27	Audio compression	AAC	
28	Audio bit rate	96kpbs, 128kpbs, 256kpbs	
29	Protocols	NDI (Optional), TCP/IP, HTTP, RTSP, RTMP(s), Onwif, DHCP, SRT, GB/T28181, Multicast,etc	
30	USB interface	1* USB 3.0 Type C	
31	HD output	1*HDMI	
32	Network interface	1*RJ45:10M/100M /1000M Adaptive ethernet	
33	Audio interface	1*LINE In 3.5mm jack	
34	Control interface	1*RJ45 IN Optional :2pin phoenix port, Max Distance 1200m.Protocol: pelco-D/Pelco-P 1x RS232 IN:BPIN mini DIN Max Distance : 30m Protociol VISCA /Pelco-d/Pelco-P	
35	Power interface	JETA Type (DC N 12V)	

36	Accessory	The camera should be supplied with IR remote control as an included accessory.	
37	Certifications	It should have BIS,CE,FCC,RoHS and CBCertification	
<b>4K Camera bar with Integrated Mic &amp; Speaker</b>		<b>Quantity : One</b>	
<b>S.N</b>	<b>Parameter</b>	<b>Specifications</b>	
1	All in One Camera & Audio	It should have Built-in USB camera capable of an output of up to 4K (3840x2160) @30 frames and a Built-in with 96dB speaker, Bluetooth WiFi infrared, microphones array, built-in Beam Forming (BF) microphone, and audio pickup distance of 6 meters and supports HDMI 2.0 output and USB3.0 output.	
2	Auto Framing	It should have Built-in intelligent analysis algoritem listening to the speaker position, automatic framing of participants, automatic tracking of speakers, switching the speaker screen, to ensure that the speaker is always clearly in the picture.	
3	Sensor	It should have 1/2.5", CMOS, effective pixels: 8.51Megapixels	
4	FOV	121° (DFOV) , 110° (HFOV) ,	
5	ZOOM & PAN TILT	5x zoom, pan/tilt ±15°	
6	Resolution	The system should support 4K@30FPS & 1080P@60FPS AND 30FPS	
7	USB Video	It should support UVC 1.0 or better.	
8	Noise Reduction	It should support 2D and 3D Noise reduction.	
9	S/N Ratio	≥ 55dB	
10	Interface	It should have a USB 2.0, USB 3.0 Type C and HDMI ports.	
11	Microphone	It should have BEAM Forming microphone with pickup range of 6 mtrs	
12	Audio	It should have built-in audio with 3A Algorithm (AEC/AGC/ANS) and full duplex mode.	
13	USB Audio	It should support 32K sampling rate	
14	Speaker	upto 96dBA audio output @0.5MTR, and Frequency response : 300 Hz to 22KHz	
16	Certifications	It should have BIS(Indian),CE,FCC,ROHS Certification	
<b>ALL IN ONE ELECTRONIC PODIUM</b>		<b>Quantity: One</b>	
<b>S. No.</b>	<b>Parameter</b>	<b>Specifications</b>	
1	Top&Body	Top and Body should be Metal.	
2	Mechanism	The system should have a Top Sliding Mechanism.	
3	Keyboard/Mouse Tray	It should have sliding Tray for Keyboard /Mouse	
4	Visualiser Tray	It should have a Provision for Visualiser with a Sliding Tray.	
5	Wheels	Its should have Wheels for easy movement.	
6	Rack Space	Its should have Rack Space for keeping Amplifier, CPU, Microphone receiver or more equipment.	

7	Screen Size	The system should consist of 21.5 Inches Touch Screen Monitor.	
8	Resolution	The monitor should have a native resolution of 1920x1080	
9	Port	The monitor should come with a USB port for PC Connection.	
10	Brightness	The monitor should have a Luminosity of 250 cd/m <sup>2</sup> or more.	
11	Input port	The monitor should have a VGA, HDMI or DVI Input port.	
12	Supply	The monitor should support Power Supply of 100 ~ 250VAC.	
13	Gooseneck Mic Frequency	The Microphone should have a frequency response of 40 Hz to 17,000 Hz or better.	
14	Gooseneck Mic Pattern	The Microphone should have a Cardioids Polar Pattern.	
15	Gooseneck Mic Port	The Microphone should come up with standard 3 PIN XLR Connector.	
16	Wireless Microphone System	It should be supplied with 1 Wireless Handheld and 1 Headband Microphone.	
17		The Microphone should have a frequency response of 40Hz to 17000 Hz or better.	
18	Amplifier	The Amplifier should consist of a 200 Watts (50 WattsX4)	
19		The Amplifier should have S/N Ratio of >80dB.	
20		The Amplifier should be inbuilt with DSP. It should be from same OEM of DSP.	
21	DSP	The DSP should have a 100% Full Duplex Echo Cancelling – no attenuation during full-duplex.	
22		The DSP should have 1 X 6.5mm Mic input, 1xUSB 2.0 Audio USB port, 1x 2RCA Line-In port as input ports from day 1.	
23		It should have out as 2x pheonix ports, Line-out as 1x 2RCA port	
24		The DSP should be standard 19 inches Rack Mountable	
25		The DSP Should have sufficient Ports to perform the Acoustic Echo Cancellation for all the microphones.	
26		DSP Should have dual capability of Local Sound Reinforcement and Far end Audio to be sent for Video conferencing at the same time without any Noise and Echo. Whatever teacher or student speaks through Collar or hand held microphone and Goosneck microphone all should be Going to Far end Location over Video Conference and also should comeout of Speakers for local Sound Reinforcement so that everyone present in class can also hear clearly.	

27		The DSP should have USB port for integrating with Unified Software solutions like InVC, Vido, Skype, etc.	
28		The DSP should have inbuilt Amplifier. It should come as one single unit as DSP-cum-Amplifier, from day 1. It should have inbuilt Receiver for Wireless Microphones from day 1.	
29	Speakers	It should be supplied with two (2) no's wall mount Speakers	
30		The speaker should be 50 Watts or more.	
31		The speaker should be part of package of DSP & Amplifier. It should be from same OEM of DSP.	
32	Laptop Interface with integrated Advance Switcher	The system should consist of the atleast following ports on the interface with integrated Switcher having following Ports VGA port, HDMI Port, Audio port, 4 USB Ports, Power Outlet. It should come with integrated button pad controller to switch between HDMI , VGA and USB Ports. It shall have HD video inputs for CPU, 2x Laptop Inputs, Visualiser or more	
33	System Controller with switcher and Control Pad	It should be supplied with Controller having 3 numbers RS-232 Ports.	
34		It should have 2 numbers of IR ports which should also acts as RS232 port by configuration when required.	
35		It should have 5 or more high voltage relay ports. External relay modules can also be used.	
36		It should have RJ-45 Port.	
37		A Control pad is to be supplied with the controller which should be touch enabled. It shall be atleast 7 inches in size. Touch pad must be Android based.	
38	Functions	It should perform the functions of Mic Mute/Unmute, Volume Mute/Unmute, Projector On/Off, Screen Up/Down, Source Selection or more including Lighting Control. If extenal Faculty wants to connect his Laptop and play any multimedia Content it should transfer touch control and Audio through single USB Cable so that Laptop screen can be touch controlled with integrated touch interactive panel and also through same USB Port Audio should also be sent through DSP and amplifier to the External speakers.	
39	Certifications	It should be CE, FCC, RoHS certified. Proof to be submitted.	
<b>65" Smart Panel</b>		<b>Quantity : TWO</b>	
<b>S. No.</b>	<b>Parameter</b>	<b>Specifications</b>	
1	Screen Size (diagnoal)	65 inch	
2	Category	Professional Display	

3	Brightness (cd/m <sup>2</sup> ) Typical	350 nits or higher	
4	Response Time (ms)	8 ms or lower	
5	Display resolution (H x V pixels)	3840 * 2160	
6	Backlight type	Direct LED	
7	Operation time	16*7	
8	Viewing Angle (Right/Left/Up/Down)	178 degree	
9	Operating System (Built in)	Android	
10	HDR Compatibility	HDR10, HLG	
11	On-board Storage (GB)	16 GB or more	
12	Wi-Fi Certified & Wireless LAN	Yes	
13	Chromecast & Apple AirPlay (built in)	Yes	
14	HDCP	HDCP 2.3	
15	Picture Processor	4K Processor X1	
16	IP Control, RS-232C control, HDMI-CEC	Yes	
17	Ports and Connectivity	HDMI (3), Composite Video In (1), Analog Audio In (1), Digital Audio Out (1), USB (2), Ethernet (1)	
18	Warranty	3 years	
19	Power consumption	Not more than 230 W	
20	Weight without Stand	Not more than 21 Kg	

#### Central Mixer Amplifier

Quantity : One

S. No.	Parameter	Specifications	
1	Line Output 1	17.5V DC/3A Max.; -34dBV (20mV)	
2	Line Output 2	17.5V DC/3A Max.; -34dBV (20mV)	
3	Power Output	50W RMS at 2% THD, 90W Max.	
4	Inputs	3×Mic 0.65mV/4.7kΩ, 1×Aux 100mV/470kΩ	
5	Frequency Response	60-14,000Hz (± 3dB)	
6	S/N Ratio	> 60dB	
7	Tone Controls	Bass: -10dB at 100Hz, Treble: -10dB at 10kHz	
8	Preamplifier Output	200mV/600Ω	
9	Line Output	1V/1kΩ	
10	Send Output	200mV/600Ω	
11	Return Input	200mV/10kΩ	
12	Speaker Output	4Ω, 8Ω, 16Ω, 70V & 100V	
13	Power Requirement	AC: 220-240V, 50/60Hz, DC: 24V (2×12V Car Battery)	
14	Power Consumption	250VA	
15	Protections	AC Fuse 1×3 Amp, DC Fuse 2×10 Amp.	
16	Dimensions	W483 × H110 × D325 mm	
17	Weight	10.50kg	

Chairman Unit

Quantity : One



S. No.	Parameter	Specifications	
1	Microphone	-63dBV/ $\mu$ bar (7.5mV/Pa)	
2	Current Consumption	< 50mA Max.	
3	Mic Auto Switch-Off Time	75 seconds approx.	
4	Input	Line	
5	Output	Line, Headphone	
6	Speaker	Max Input 300mW	
7	Controls	Priority Switch, Talk Switch, Speaker Volume Control, Headphone Volume Control	
8	Dimensions	W118 $\times$ H70 $\times$ D160 mm	
9	Weight	1.05 kg (w/o cable)	
<b>Delegate Unit</b>		<b>Quantity :20</b>	
S. No.	Parameter	Specifications	
1	Microphone	-63dBV/ $\mu$ bar (7.5mV/Pa)	
2	Current Consumption	< 50mA Max.	
3	Mic Auto Switch-Off Time	75 seconds approx.	
4	Input	Line	
5	Output	Line, Headphone	
6	Speaker	Max Input 300mW	
7	Controls	Talk Switch, Speaker Volume Control, Headphone Volume Control	
8	Dimensions	W118 $\times$ H70 $\times$ D160 mm	
9	Weight	1.05 kg (w/o cable)	
10	Accessories	Foam Windshield, 2.5m Interconnecting Cable	
<b>MEDIUM WATTAGE PA MIXER AMPLIFIER</b>		<b>Quantity : One</b>	
S. No.	Parameter	Specifications	
1	Power Output	160W Max., 120W RMS at 10% THD, 105W RMS at 5% THD, 95W RMS at 2% THD	
2	Output Regulation	$\leq$ 2 dB, no load to full load at 1kHz	
3	Input Channels	5 $\times$ Mic 0.65mV/4.7k $\Omega$ , 2 $\times$ Aux 100mV/470 k $\Omega$	
4	Frequency Response	50-15,000Hz $\pm$ 3dB	
5	Signal to Noise Ratio	60dB	
6	Tone Controls	Bass: -10dB at 100Hz, Treble: -10dB at 10kHz	
7	Outputs	Preamp 200mV/600 $\Omega$ , Line 1V/1k $\Omega$	
8	Speaker Outputs	4 $\Omega$ , 8 $\Omega$ , 16 $\Omega$ , 70V & 100V	
9	Power Supply	AC: 220-240V 50/60Hz DC: 12V (12V Car Battery)	
10	Power Consumption	AC: 250VA DC: 5.5A	
11	Dimensions	W420 $\times$ H135 $\times$ D295 mm	
12	Weight	11.3kg	
<b>Audio Interface</b>		<b>Quantity: One</b>	

Sr No	MICROPHONE INPUT / LINE INPUT	PA EFFECT PROCESSORS 2x2 USB AUDIO INTERFACE	
1	Type	Combo XLR Female / 6.3mm (¼") TRS balanced	
2	Frequency Response (±1.0dB)	30Hz to 20kHz	
3	Input Impedance (Balanced)	2.2kΩ / 18kΩ	
4	THD+N (1kHz @ +0dBu Output)	£ 0.5%	
5	S/N Ratio (1kHz @ +0dBu Output)	>55dB	
6	Input Level (0dBu Gain, 1kHz)	3mV (±1mV) / 35mV (±2mV)	
7	Phantom Power (±2 VDC)	+48 VDC ( at XLR female only)	
8	INSTRUMENT INPUT	.	
9	Type	1 x 6.3mm (¼") female, unbalanced	
10	Input Impedance	1MΩ	
11	Frequency Response (±1dB)	20Hz to 20kHz	
12	Input Level (0dBu Gain, 1kHz)	285mV (±10mV)	
13	OUTPUT L & R	.	
14	Type	2 x 6.3mm (¼") Female, Unbalanced	
15	Maximum Output (±20mV)	775mV	
16	HEADPHONE OUTPUT	.	
17	Type	6.3mm (¼") active stereo	
18	Maximum Output (±20mV)	300mV/ch. @ 8Ω Load	
19	DIGITAL AUDIO	.	
20	Bit Depth	16 bit	
21	Internal Sample Frequency Selections	44.1, 48 (kHz)	
22	Power	USB bus-powered	
23	Dimensions	W175 × H58 × D123 mm	
24	Weight	550g approx.	
<b>Hand held Microphone</b>		<b>Quantity: TWO</b>	
<b>S. No.</b>	<b>Parameter</b>	<b>Specifications</b>	
1	RF Output Power 10MW(Max.)	RF Output Power 10MW(Max.)	
2	Carrier Frequency Range 630-664MHz	Carrier Frequency Range 630-664MHz	
3	Frequency Stability -+0.005%	Frequency Stability -+0.005%	
4	Modulation Mode FM	Modulation Mode FM	
5	Microphone Element Dynamic, Cardioid	Microphone Element Dynamic, Cardioid	
6	Frequency Response 50-15,000Hz	Frequency Response 50-15,000Hz	
7	Power Requirement 3V (2 *1. SVAA Pencil Cells)	Power Requirement 3V (2 *1. SVAA Pencil Cells)	
8	Current Consumption < 150mA	Current Consumption < 150mA	
9	Controls POWER ON/OFF SWITCH	Controls POWER ON/OFF SWITCH	
10	Indication Channel Frequency Display	Indication Channel Frequency Display	
11	Dimensions 055 (L 250) mm	Dimensions 055 (L 250) mm	
12	Weight 220g (w/o battery) approx.	Weight 220g (w/o battery) approx.	

13	Audio Output (Nominal) Bal .0dBu Unbal-10dBu	Audio Output (Nominal) Bal .0dBu Unbal-10dBu	
14	S/N Ratio 100dB	S/N Ratio 100dB	
15	Distortion <1%	Distortion <1%	
16	Frequency Response Dynamic Range 50-15,000Hz Power Requirement >90dB	Frequency Response Dynamic Range 50-15,000Hz Power Requirement >90dB	
17	240V AC 50Hz from AC Adaptor (supplied along with)	240V AC 50Hz from AC Adaptor (supplied along with)	
18	Controls ON/OFF Switch, Volume	Controls ON/OFF Switch, Volume	
19	Control For Channel A & B	Control For Channel A & B	
20	Indications LEDs for RF & Audio Signal, Channel Frequency Display	Indications LEDs for RF & Audio Signal, Channel Frequency Display	
<b>PA WALL SPEAKERS</b>		<b>Quantity: Four</b>	
<b>S. No.</b>	<b>Parameter</b>	<b>Specifications</b>	
1	POWER RATING	30W RMS/45W Max.	
2	POWER TAPS	30W, 30/20/15/10/5W	
3	IMPEDANCE/VOLTAGE	8Ω / 100V	
4	FREQUENCY RESPONSE	75-20,000Hz	
5	SPL at 1kHz (1W/1m)	87dB	
6	SPEAKER	Woofer 100mm (4"), Tweeter 25mm (1")	
7	DIMENSIONS	W180 × H248 × D140 mm	
8	WEIGHT	2.45kg/2.92kg	
<b>Sr No</b>	<b>Wall Mount Rack 6U</b>	<b>Quantity: One</b>	
	<b>Specifications</b>	<p>Dimensions: Approximately 550mm W x 450mm D</p> <ul style="list-style-type: none"> <li>○ Depth adjustable mounting slots for verticals provide better mounting flexibility and maximizes the usable mounting space.</li> <li>○ Top and bottom Panel with ventilation and cable entry facility.</li> <li>○ Powder coated finish with pretreatment process meeting all industry standards.</li> <li>○ Grounding and Bonding Options. 100 % assured compatibility with all equipment conforming to DIN 41494 (General industrial standard for equipment).</li> <li>○ Welded Side Walls, Steel Frame. Lockable Front Glass Door (tinted, Toughened) with Lock &amp; Key</li> <li>○ Mounting Angle: approximately 19° Mounting angles made of formed steel.</li> <li>○ Standard Accessories: 6 Socket 5 Amp. Power Distribution Unit (1 No), 1U Horizontal Cable Manager, Fan Unit / 90 CFM /230V AC (1 No) and Hardware Packet (1 Pkt).</li> <li>○ OEM Should be international certification for the ISO 45001 Health and Safety Management System, ISO 9001 Quality Management System, ISO 14001 Environmental Management System, and ISO 14064-1 Greenhouse Gas Inventory Standards.</li> </ul>	

**Additional Terms and Condition:**

1. Both the Bidder and the Original Equipment Manufacturer (OEM) must not be blacklisted by any State or Central Government Department. A declaration confirming this should be provided by both the OEM and the Bidder, and must be uploaded with the bid document.
2. If an authorized dealer or distributor is submitting the bid, the Manufacturer Authorization Form (MAF) should be specific to the bid.
3. The technical compliance must be documented on the OEM's letterhead along with the datasheets for all BOQ Items.
4. Escalation Matrix and Service Centre details must be submitted with the technical bid.
5. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
6. 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.
7. ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.
8. Proof for Past Experience and Project Experience clause: For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c Any other document in support of contract execution like Third Party Inspection release note, etc.Proof for Past Experience and Project Experience clause: For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.
9. The OEM must have valid ISO 9001:2015, ISO 45001:2018, ISO 27001:2022, ISO 14001:2015 and ISO 50001:2018 Certified Company. (Related certificate copy required).
10. The OEM should have established office in India. (Valid Certificate of incorporation required).
11. Only OEMs with a manufacturing unit in India possessing a valid and latest factory license, certified quality processes audited & acknowledged by QCI (through On-Site/Virtual Assessment) and recognized domestic R&D Facility will be eligible. (Factory License, OEM Assessment Report (Abridged) and Recognition Letter for in-House R&D by QCI and DSIR respectively or Government of India recognized certification authority to be submitted along with MII Declaration).
12. OEM should be in the Video Conference Line of Business from at least last 15 years. (Documented Proof Required).
13. Interactive display, Digital Podium, OPS, PTZ camera, Speaker & Microphones will be from single OEM.

