

**KARNATAKA VETERINARY, ANIMAL AND FISHERIES SCIENCES
UNIVERSITY, BIDAR**

Tender For Refurbishing of Smart Classrooms Including Related Equipments

NON TRANSFERABLE

**Office of the Co-Ordinator,
Tender Processing Cell,
Regional Office, Hebbal, KVAFSU, Bangalore-560024
Telephone: - 94815 88549, 98453 13244**

The Karnataka Veterinary, Animal & Fisheries Sciences University, Bidar has invited Short term Tender of **21 days** duration in Two cover system as per the Standard tender document from the reputed firms for Refurbishing of smart class rooms including related equipment's at Veterinary College, Bengaluru, Veterinary College, Bidar, Veterinary College, Shivamogga, Dairy Science College, Bengaluru and College of Fisheries, Mangaluru. The details of the K/G-2 & K/G-1 Tender Notification, schedule, specifications are available in the website <https://kppp.karnataka.gov.in> .The tender form fees is as per the e-procurement portal Norms. The EMD & Tender processing fee shall be paid using e-procurement payment modes.

NOTIFICATION DATE: 05.06.2026

LAST DATE FOR UPLOADING OF e-TENDER DOCUMENT: 26.06.2026 TIME: 04.00 PM

- 1. Technical Bid: All the following documents have to be uploaded in PDF format by the bidder and Failure to up-load any one of the document will be rejected.**

❖ Documents required:

Sl. No.	List of Documents
1	Valid MSME /NSIC /SSI Certificate issued by Government –if applicable
2	GST registration certificate
3	Latest GST paid receipt.
4	Manufacturing license or Authorization Certificate (MAF) from the Primary Manufacturer with Bid number and should be addressed to Co-ordinator, TPC
5	For imported items, the authorization Certificate issued by Primary Manufacturer to subsidiary firm registered in India if applicable then mandatory
6	For Imported Items, Import License if applicable then mandatory
7	Agreement to abide by the terms and conditions of the tender with Seal and signature in Annexure A
8	List of Goods Offered on Bidder's Letter Head with Seal and signature in Annexure – B
9	Detailed specifications and warranty details of each item offered separately on Bidder's Letter Head with Seal and signature in Annexure – C
10	Bidder/OEM should have a valid ISO 9001 & 14001 Certification
11	Bidder/OEM should have Bid Specific Authorization from the OEM (for the product of Interactive Panel, Visual Presenter, Digital Podium, PTZ Camera, Webcam and Learning Management Software) and scanned copy shall be submitted along with the Technical Bid. Non-compliance shall result in rejection of tender.
12	Technical Catalogue of quoted product as specified above to be attached with the technical bid and same should be available on OEM website. Non-compliance shall result in rejection of tender.
13	Annual Turnover: Bidder should have minimum average annual turnover of Rupees 1 CR. in the last three financial years. Audited Balance sheets should be submitted along with the tender. Non-compliance shall result in rejection of tender. OEM (for the product of Interactive Panel, Visual Presenter, Digital Podium, PTZ Camera, Webcam and Learning Management Software) should have an average annual turnover of Rupees 1 Crores for the last three financial years (i.e. 2021-22, 2022-23, 2023-24) in India.
14	Warranty: The goods supplied should be with one-year onsite warranty and should include delivery, onsite installation and onsite trainings.
15	The bidder should be at least three years old, relevant certificate / document must be submitted by the bidder.
16	The bidder must enclose a notarized certificate that the Organization has not been blacklisted by any institution of the Central/ State government / PSU/ University/ Institute etc. in the past three years.
17	The bidder should be a Proprietorship Firm/Partnership firm/Company. No consortium is allowed. Relevant declaration in the support of this statement must be submitted.
18	Interactive Panel & Touch Screen Display - OEM should have a valid BIS Certification for Displays for the last 3 years with a manufacturing facility in India. The quoted models should be included in the BIS certification and

	<p>should be verifiable online from BIS website.</p> <p>Micro PC - OEM should have a valid BIS certification for Micro PC for the last 3 years with a manufacturing facility in India. The quoted model should be included in the BIS certification and should be verifiable online from BIS website.</p> <p>Web Camera and PTZ Camera - The OEM should have a valid BIS certification for Video Conferencing Cameras for the last 3 years with a manufacturing facility in India. To avoid compatibility issues during multi-viewing Video Conferencing, OEM of Video Conferencing Camera & Webcam should be the same.</p> <p>Visual Presenter - The OEM should have a valid BIS certification for Visual presenter for the last 3 years with a manufacturing facility in India. The quoted model should be included in the BIS certification and should be verifiable online from BIS website.</p>
19	Past Performance - OEM must have experience of supplying Interactive Panel of size not less than 55 inch in last 03 years in any Central/State Government department India either directly or through any reseller. Copy of supply order along with completion certificate to be attached with technical bid.
20	BIS of the model offered should be verified online from BIS website. All necessary documentation to be submitted. Copies of the valid licenses/certificates are to be submitted along with the certificate of Local Content.
21	Only Class 1 and Class 2 Local suppliers under Make in India initiative are eligible to apply as per Public Procurement (Preference to Make in India) order by Department for Promotion of Industry and Internal Trade, Government of India.
22	Country of Origin: No Bidder as well as OEM with Investors, Venture Capitalist, Consortium members, Shareholders, directors from neighbouring countries will be allowed to participate in the Bid. Non-compliance shall result in rejection of Bid. A declaration to be submitted by Bidder & OEM

The price bid including GST, transportation, installation, excise, customs duty, freight, insurance and others has to be uploaded on-line in e-Portal. Every tenderer should quote only in one currency for each item that he has participated. Multiple currencies per item is not allowed. Tenderer while uploading tenders for the imported items shall quote in foreign currency and specify INR equivalent value (foreign exchange value) as on the date of submission (only for comparison purpose). The conversion rate on the date of payment or purchase of sight draft will be considered. For all other items the rates must be quoted in INR. Prices have to be quoted F.O.R. destination mentioned in the specifications. All Institutions of KVAFSU are exempted from Central Excise duty and Customs duty and will issue DSIR certificate wherever required.

1. a. Schedule of Events:

Last Date for Queries on or before	11.06.2026 Up to 01.00 PM
Replies to Queries	15.06.2026 Up to 05.00 PM
Last Date for Uploading of Tender documents on e-procurement platform on or before	26.06.2026 Up to 04.00 PM
Opening of Tenders Technical bid at Office of The Tender Processing Cell, Regional campus , KVAFSU, Hebbal, Bangalore-560024(Next working day, in case it is declared as a holiday).	29.03.2026 at 10.30 AM
Verification of uploaded tender documents with originals. Tenderer has to come personally with original tender documents for verification and also submit one set of notarized copies to the Tender Processing Cell, Regional campus, KVAFSU, Hebbal, Bangalore-560024. (Next working day, in case it is declared as a holiday). Failing to do this, the firm will be rejected.	02.07.2026 11.00 AM – 03.30 PM
Technical Scrutiny (Internal Scrutiny). No firm is required to attend until they are informed.	04.07.2026
Opening of price bid / Financial bid (Next working day, in case it is declared as a holiday)	11.03.2026 at 11.30 AM

b. Venue: Office of the Tender Processing Cell, Regional campus, KVAFSU, Hebbal, Bangalore – 560024. Ph: 9343999599

c. Opening of Financial Bid / Commercial Bid:-Commercial bids of only those responsive Tenderers of Technical bid who qualify, will be opened on a date notified in schedule (next working day in case the Govt. declares that day as holiday) or on any further date to be notified / informed to the responsive bidders.

d. Validity of Tender – shall be for **12 months (1 Year)** from the date of award of the tender, which may be extended by **another 6 months** if the purchaser desires so.

THIS TENDER DOCUMENT CONTAINS THE FOLLOWING

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**TERMS AND CONDITIONS OF THE TENDER FOR SUPPLY OF EQUIPMENT'S AND
MEDICINES/DRUGS**

SECTION – I

INVITATION TO TENDERERS

1. The Co-Ordinator, Tender Processing Cell, KVAFSU hereby invites Tenders in **two cover system** under e-tendering system from PRIMARY MANUFACTURERS / AUTHORIZED DEALERS / IMPORT LICENSE HOLDERS (in case of imported equipment's) for supply of Equipment's as detailed in Section V of this Tender with a validity period of 1 year from the date of award.

Note:- a. "A Primary Manufacturer" is defined as a person / firm having own unit that performs all the manufacturing and processing operations needed to manufacture and Quality Testing with a valid license issued by competent authority.

b. The term "PURCHASER" means for the purpose of placing the Order, accepting or rejecting the goods, making payments and sending samples for analysis means, The respective Institutional Heads of KVAFSU as defined in Rule 2 of "The Karnataka Transparency in Public Procurement Act 1999" hereinafter called "Act".

c. The term 'Authorized Signatory', means a Proprietor / Proprietorship, or a Managing partner or whole-time employee, in executive cadre, in a Proprietorship Concern / Partnership Firm or a person who is working as Managing Director / Director Finance / Director Marketing / General Manager / Assistant General Manager / Manager / Company Secretary in the Tenderer Company, who has authority to take decision on The spot with regard to all the aspects of the tender.

d. The term "**TENDERER**" means the Primary manufacturer / Import license holder/ authorized dealer participating in this tender.

e. The term "**CONTRACTOR**" refers to the successful Tenderer who has entered into an agreement with The respective Institutional Heads of KVAFSU for the purpose of supplying **Equipment's/Chemicals and modification of labs, classrooms** as mentioned in this tender. **The Tender Processing Cell, Regional campus, KVAFSU, Hebbal, Bangalore-560024** shall be the Tendering Authority for the Purpose of this tender.

f. SSI units of Karnataka State shall be given price preference in accordance with the regulation of Govt. of Karnataka, Industrial Policy 2009-14 provided that they fulfill all the other prescribed criteria and become responsive or any other policies that may be indicated by the Government of Karnataka Subsequent to the issue of this notification.

g. Final Acceptance of this Tender is by the Tender Accepting Authority. (TAA) i.e. the Chairman of the Tender Accepting Committee, KVAFSU, Bidar.

- i Tenderers are free to quote for any or all of the items listed in Section V. The evaluation of tender will be done as per Item basis, denoted by the item Code.

- ii. However, tendering authority reserves the right to evaluate the tender as per item basis or the entire documents as a whole for the purpose of evaluation, in case such an action is in the best interest of the institution of KVAFSU.
- iii. **Tenders of only those Tenderer who full fill the Terms and Conditions** of this tender will be considered for evaluation. The tenders will undergo evaluation at every stage of processing and any tender found at any stage, not in conformity with the stipulated tender conditions including specification / found to be defective and incomplete documents / samples of the items found not in conformity with the specification or found defective either physically or analytically will be rejected.
- iv. Interested eligible tenderer may obtain further information from the **Office of the Tender Processing Cell, Regional campus, Karnataka Veterinary, Animal and Fisheries Sciences University, Hebbal, Bengaluru- 560024, Ph:93439 99599**

2.REQUIRED TENDER DOCUMENTS AS PER CHECK LIST SHALL BE UPLOADED THROUGH E-TENDERING SYSTEM USING THEIR USER ID AND TO BE ADDRESSED TO Office of the Tender Processing Cell, Regional campus, Karnataka Veterinary, Animal and Fisheries Sciences University, Hebbal, Bengaluru- 560024, Ph:93439 99599 IN THE MANNER DESCRIBED UNDER INSTRUCTIONS IN SECTION – I

CONTACT INFORMATION:

For further clarifications on registration, online support for uploading of Tenders, or any payment related issues please call Centralized e-Procurement Helpdesk on 080 – 23010900/23010901/ 22371090/22340060/22340948 or **mail to**

Helpdesk: hphelpdesk.blr@intarvo.com or hphelpdesk.blr@gmail.com

Timings: 9:00 am to 9:00 Pm from Monday to Saturday including government holidays (Take support on Kannada andEnglish)

Training details

A free Training schedule is organized by Center for e-Governance at Bangalore on all GOK Working Wednesday's & Saturday's.

Training Date	Training venue	Batches	Training duration
On all Govt. of Karnataka working Wednesday's & Saturday's	Training room no.1, Gate no.2, M S Building, Bangalore – 01	1	10:30 am to 1:30 pm
		2	2:30 pm to 5:30 pm

A free Training schedule is organized by Center for e-Governance at Dharwad on all GOK Working Monday's.

Training Date	Training venue
On all Govt. of Karnataka working Monday's	Regional centre, Centre for e-governance, Opposite AIR Dharwad, PWD division

	compound, Dharwad – 580008.
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Note: Enquiries regarding new payment options can be made on any working day at e-Procurement cell. (Room no.141, Gate No.2, M S Building, Bangalore – 01).

SECTION-II:

TERMS AND CONDITIONS

I. ELIGIBLE TENDERERS:

1.1 THE TENDER SHALL BE UPLOADED ONLY IF THE TENDERER IS AGREEABLE TO ALL THE TERMS AND CONDITIONS OF THIS TENDER, WHICH INCLUDES THE DESCRIPTION AND SPECIFICATIONS OF THE ITEMS MENTIONED THEREIN.

- a. The Tenderer shall upload the tenders through e-tendering system using User's ID and Digital Signature Certificate for **Technical Bid** and **Commercial/ Financial Bids** separately.
- b. Feed Ingredients required are listed with **specific Code numbers** and **specifications** in **Section V**.

1.2 *IRRESPECTIVE OF THE TERMS AND CONDITIONS OF THE PARTICIPATING TENDERER MAY HAVE SPECIFIED, ONLY THE TERMS AND CONDITIONS SPECIFIED IN THIS TENDER SHALL BE BINDING ON THE TENDERER AND THE TENDERING AUTHORITY.*

II. THE TENDERER SHALL UPLOAD THE TENDER IN THE MANNER DESCRIBED HERE UNDER: -

A-1 i) Earnest Money Deposit / Bid security

The Bidder / Tenderer units should pay the Earnest Money Deposit (EMD) of **Rs.10,000/- (Rs. Ten thousand only)** for Equipment's/ Drugs in the e-Procurement portal using any of the following payment modes:

ii) **NSIC** units should pay a nominal Earnest Money Deposit (EMD) of Rs. 50/- (Rs. fifty only) for each **item manufactured by them** in the e-Procurement portal using any of the following modes, subject to uploading of the essential certificates issued from competent authorities.

Online payments:

- i. Credit Card – Visa or Master card (any bank)*
- ii. Debit Card – Visa, Master or Maestro card (any bank)*
- iii. Net banking – Selected Banks only*

Offline Payments:

- iv. NEFT / RTGS – Any nationalized bank*
- v. Remittance at the bank counter using challan (ICICI bank only)*

The Tenderer's bid will be evaluated only on confirmation of receipt of the payment (EMD) in the Government of

Karnataka's central pooling a/c held at ICICI Bank. EMD amount will have to be submitted by the Tenderer taking into account the following conditions:

- a.** EMD will be accepted only in the form of electronic cash in any of the designated **ICICI Bank**, branches located

across the Country (**and not through Bank Guarantee**) and will be maintained in the Govt.'s central pooling account at **ICICI Bank**.

b. The entire EMD amount has to be paid in a single transaction for by the firm to bid for all the items or any items that the tenderer is interested for participating { for Example: if the firm has participated for 2 items, then the firm has to deposit Rs. 10,000/- as EMD, for 10 items also Rs 10,000/- like wise } .

c. The EMD money received for all the tenders floated through the e-Procurement platform will be collected and maintained in a central pooling account.

A-2. Refund of EMD.

The EMD amount will be kept in the central pooling account until the tender is awarded to the successful bidder.

Based on the instructions of **Tender Accepting Authority** (TAA) the EMD amount of all the unsuccessful **Tenderers** will be refunded.

The price bid including GST, transportation, installation, excise, customs duty, freight, insurance and others has to be uploaded on-line in e-Portal. Every tenderer should quote only in one currency for each item that he has participated. Multiple currencies per item is not allowed. Tenderer while uploading tenders for the imported items shall quote in foreign currency and specify INR equivalent value (foreign exchange value) as on the date of submission (only for comparison purpose). The conversion rate on the date of payment or purchase of sight draft will be considered. For all other items the rates must be quoted in INR. Prices have to be quoted F.O.R. destination mentioned in the specifications. All Institutions of KVAFSU are exempted from Central Excise duty and Customs duty and will issue DSIR certificate wherever required.

SECTION-- III:

III. a. GENERAL CONDITIONS

i. **The language of the Tender shall be in English.** In case, the original documents are issued in vernacular, the **translation** certified by the authority signing the original / by a notary should be uploaded along with the original.

ii. The **Tender Inviting authority** may, at their discretion, extend the deadline for submission of Tenders, in which case, all rights and obligations of the Tendering authority and the tenders subjected to the previous deadline, will thereafter be subject to such extended deadline.

iii. The **Tender Accepting authority reserves the right to accept or cancel or Re-tender the tender for supply of all articles, one or more at any point of time without assigning any reasons.**

iv. Entry to participate in the Tender Opening Committee Meeting shall be

restricted to only one person per tenderer who shall be the “Authorized signatory”.

v. The Tenderers or their Authorized Representative who are present shall produce the authorization letter and sign in the concerned Register evidencing their presence during the opening of tenders.

vi. The Tenderer shall bear all costs associated with the preparation and submission of samples. The Tender Inviting authority / Purchaser will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the Tendering process.

b. QUOTATIONS:

Tenders have been invited for the supply of Equipment's, Feed ingredients, goods and spl works. The Tenderers shall quote the rates for each item separately. The specifications of each item shall be as per details given in section V.

1. The quotation shall be the rate inclusive of all taxes, FOB charges, excise/ customs duty, GST etc., and should be FOR destination.
2. The quotation shall be in figures as well in words in a legible manner in English language
3. All corrections shall be duly attested with full signature and seal
4. Each page of the quotation shall be signed with seal of the firm / company
5. The rates quoted when accepted will be binding on the Tenderer

*A prospective Tenderer requiring any clarification /any queries regarding tender documents may notify the purchaser through **e-procurement platform only within the specified date mentioned in schedule of events.** The Purchaser will respond through e-Procurement platform to any request for clarification of the tender documents. **Any queries raised after the last date specified for queries will not be entertained.***

IV RELEVANT HSN CODE:

The Vendor/Tenderer/Supplier shall ensure that their GST number is correctly mapped to the applicable HSN code for the specific goods or services being offered.

V. CLARIFICATION OF TENDER DOCUMENTS

A prospective Tenderer requiring any clarification / any queries regarding tender documents may notify the purchaser through e-procurement platform only within the specified date mentioned in schedule of events. The Purchaser will respond through e-Procurement platform to any request for clarification of the tender documents.

VI. AMENDMENT OF TENDER DOCUMENT.

1. At any time prior to the deadline for submission of tenders, the purchaser may for any reason whether at its own initiative or in response to clarification requested by a prospective tenderer, modify the tender documents by amendment.
2. All prospective tenderer who have contested will be notified of the amendment through e-Procurement platform only.
3. In order to allow prospective tenderer reasonable time in which to take the amendment into account in preparing their tenders, the purchaser at its discretion may/ may not extend the deadline for the submission of tenders

VII. SECURITY DEPOSIT AND CONTRACT.

- a. The Tenderer whose offer is accepted, on being informed, should execute a Contract Agreement on **Karnataka Government Stamp Paper** in duplicate of the value of **Rs. 500-00 (Rupees Five Hundred Only) and above as per guidelines issued by Government of Karnataka** – cost to be borne by the Tenderer) as provided by Article 5 of the schedule of Karnataka Stamp Act. A copy of the contract agreement will be given to the Tenderer. **The Co-Ordinator, Tender Processing Cell, KVAFSU**, Regional campus, Hebbal, Bangalore will provide the specimen form of the agreement along with the intimation letter to provide the **Bank Guarantee** and agreement bond. In case L- I default's in executing a Contract agreement within the **next 30 days** of acceptance of his tender, his status as L-I will stand cancelled and L-II tenderer will be invited to enter into Contract agreement. Consequently the EMD of the L-I stand forfeited to the Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar.
- b. The Successful Tenderer whose offer is accepted as lowest shall be required to pay a **Bank Guarantee** as detailed below:

❖ **Security Deposit 5 % of the total cost of the equipment's/ goods/ spl. Work/ Feed Ingredients in the form of National Bank Guarantee.**

The Security Deposit should be furnished in respect of each Tendered item/Package on or before the due date fixed, in the form of **Bank Guarantee** only, drawn in favour of "**The Co-ordinator, Tender Processing Cell, KVAFSU**", and only then PO will be issued from Tender Processing Cell.

- i. The agreement bond along with the specified "**Security Deposit**" should be submitted within **Thirty (30) DAYS** from the date of receipt of the intimation of the Acceptance of Acceptance.
- ii. Agreement not accompanied by the Security Deposit or any partial agreement deleting certain clauses /items, will not be accepted, and will be deemed as non-submission of agreement and violation of the Tender Condition and the Earnest Money Deposit of such Tenderer will be forfeited to the **University** without notice. Further, such Tenderer ceases to have any rights whatever in this regard with respect to his tender or the Contract issued thereon.
- iii. The successful Tenderer shall furnish the security deposit in accordance with the Conditions of Contract within 30 days to the Tender Processing Cell, KVAFSU, who place orders for the supply of the goods.
- iv. Failure of the successful Tenderer to comply with the requirement shall constitute sufficient grounds for the annulment of the award and forfeiture of the earnest money deposit, in which event the Purchaser may make the award to the next lowest evaluated Tenderer or call for new tenders.

c. The Earnest Money Deposit

i. EMD of such successful Tenderer, who fails to execute the Agreement / who fails to furnish the Security Deposit within the stipulated period / who furnishes partial agreement deleting / altering the specified clauses will be forfeited to the University and his tender will be rejected and the company will be Black Listed and he will be liable for all damages caused including the liabilities to pay any difference between the prices accepted by him and those ultimately paid for the procurement of the goods and services to the concerned. Such damages shall be assessed by concerned authorities whose decision is final in the matter.

ii. The original agreement shall be with the Tender Processing Cell, KVAFSU, who place orders for the supply. The Tenderer shall collect the signed copy of the agreement on his own. The purchaser will not be responsible for the loss of the copy not collected by them.

d. Violation of any of the Clause of the Agreement shall be deemed as violation of Terms and Conditions of this Tender.

e. The Tenderer is permitted to claim the Security Deposit on completion of the Warranty Period. The refund of the Security Deposit shall be subject to satisfactory performance of the contract as per the terms and conditions of the contract. The Security Deposit not claimed within **three (3) years** from the date of expiry of the contract shall be forfeited without notice.

VIII. FALL CLAUSES

1. The price quoted shall not in any case exceed the maximum wholesale ceiling price (bulk), if any, fixed by the Govt. of India / NPPA / State Government or the Whole Sale price fixed by the tenderer for General Market. The Tenderer shall mention such fixed rates in the quotation sheet against each item quoted.
2. The rate quoted for the equipment's supplied under this Tender, in no event shall be more than the lowest price quoted at which the Tenderer sells his products of identical description to any other persons, State, Union territory, Corporation, Board, University, Trust, Local authority, Company or any others including his own dealer/ distributor/, stockiest /, agent

A. Contacting the Purchaser

- i. No Tenderer shall contact **Office of the Tender Processing Cell, Regional campus, Karnataka Veterinary, Animal and Fisheries Sciences University, Hebbal, Bengaluru - 560024, Ph:080-29911602** on any matter relating to its tender, from the time of the tender opening to the time the Contract is awarded. If the tenderer wishes to bring additional information to the notice of the purchaser should do so in writing.
- ii. Any effort by a Tenderer to influence the Purchaser in its decisions on tender evaluation, tender comparison or contract award may result in rejection of the Tenderer's tender.

B. Post qualification

- i. In the absence of pre-qualification, the Purchaser will determine to satisfaction whether the Tenderer that is selected as having submitted the lowest evaluated responsive tender meets the criteria and is qualified to perform the contract satisfactorily.
- ii. The determination will take into account the Tenderer's financial, technical and production capabilities. It will be based upon an examination of the documentary evidence of the Tenderer's qualifications submitted by the Tenderer, as well as such other information as the Purchaser deems necessary and appropriate.
- iii. An affirmative determination will be a prerequisite for award of the Contract to the Tenderer. A negative determination will result in rejection of the Tenderer's tender, in which event the Purchaser will proceed to the next lowest evaluated tender to make a similar determination of that Tenderer's capabilities to perform the contract satisfactorily.

C. Award Criteria

- i. The Contract will be awarded to the successful Tenderer whose products quoted in tender has been determined to be substantially responsive item wise and has been determined as the lowest evaluated tender, provided further that the Tenderer is determined to be qualified to perform the contract satisfactorily.

ii. **Acceptance / Placing of orders is subjected to the availability/ release of grants .**

iii. In case of the imported items, all constituent institutions of KVAFSU will make payment only through SIGHT

- DRAFT which will be taken at the time of placing orders for supply and will be delivered on completion of supply and successful installation certified by the end user.
- If LC/ money transfer is to be considered, the entire LC/ money transfer charges(Bank charges) should be borne by the tenderer.
- The successful Tenderers are required to supply the item on CIF value **at the designated destination only** and the firm should arrange to take delivery of the equipment on behalf of the institutions on arrival at the airport / sea port and should provide the required documents to the respective institutions from where orders of supply are issued and obtain necessary certificates (DSIR) for customs clearance.

D. Purchaser's right to vary quantities at the Time of Award

The Purchaser reserves the right to increase or decrease by 25% of the quantity of goods originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions subject to availability of budgetary grants and also depending upon exigencies and emergency conditions demanding the requirement of a particular item.

E. Right to accept any Tender and to reject any or all Tenders

The right to accept or reject any tender, and to annul the tendering process and reject all tenders at any time prior to contract award, without, there by incurring any liability to the affected Tenderer or Tenderers reserved.

F. Notification of Award

i. Prior to the expiration of the period of tender validity, the Purchaser will notify the successful tenderer through e-Procurement plat form its tender has been accepted.

ii. The notification of award will constitute the formation of the contract.

G. Signing of Contract

i. The purchaser will send the Tenderer the Contract Form provided in the tender documents, incorporating all agreement between the parties.

ii. **Within 30 days of receipt** of the Contract Form, the successful tenderer shall sign with date of Contract and return it to the Purchaser

H. Corrupt or Fraudulent Practices

The KVAFSU requires that Tenderers / Suppliers / Contractors observe the highest standard of ethics during the procurement and execution of Government financed contracts. In pursuance of this policy, the KVAFSU:

a. Defines, for the purposes of this provision, the terms set forth as follows:

- i. "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution'; and
- ii. "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the KVAFSU and includes collusive practice among tenderers (prior to or after

tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the KVAFSU of the benefits of free and open competition;

1. Will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
- c. Will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Government financed contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Government financed contract.

IX. QUALITY STANDARDS FOR SUPPLY OF ITEMS

- i. The Equipment's and Feed Ingredients supplied shall conform to the Quality Standards including the standards specified
- ii. The Tenderer shall indicate the storage conditions of his product in the quotation sheet against each item.
- iii. The supplier shall provide such packing for the goods including the outer bulk packs, as required for preventing their damage or deterioration during transit to their final destination as well as storage.
- iv. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to weather conditions, prevailing in the Karnataka State during transit and storage.
- vii. The goods shall be packed using virgin packing materials in such a manner as to ensure delivery in good condition.
- viii. Supplies with smudged, corrected, over-written or masked labels due to whatever reason will be rejected.
- ix. All equipment's should be accompanied by **printed brochures/ catalogues and user's manual**

X. Contract Documents and Information; Inspection and Audit by the KVAFSU

- i. The Supplier shall not, without the Purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the supplier in performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- ii. The supplier shall not without the Purchaser's prior written consent make use of any document or information enumerated in except for purpose of performing the Contract.
- iii. Any document, other than the Contract itself, enumerated in shall remain the property of the Purchaser and shall be returned to the Purchaser on completion of the Supplier's performance under the Contract if so required by the Purchaser.
- iv. The supplier shall permit the KVAFSU to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the KVAFSU (if so required)

XI. VALIDITY OF TENDER

The rates quoted shall be valid for the period not less than 12 months (1 year) from the date of award of tender which may further be extended by another 6 months if purchaser so desires.

XII. TENDER EVALUATION

- i. Tenderer evaluation will be done by the Tender Scrutiny Committee constituted by KVAFSU, Bidar.
- ii. The “Purchaser” after due evaluation will have option to prepare item-wise selection in the order of priority as under
 - a. First Preference awardee L1
 - b. Second Preference awardee L2
 - c. Third Preference awardee L3

The “Purchaser” will call upon the successful Tenderer, the acceptance of item / items and rate offered in the Tender, indicating the category L 1, L 2 & L 3 under which their offer is accepted for the purpose of the accepting Tender, requesting them to furnish a Security Deposit and to execute the agreement with in specified period. The “Purchaser” shall exercise his options to purchase in the same order L1, L 2 & L 3, indicated for each item.

iii. If the L1 contractor fails to execute the order, then the L 2 / L 3 will be opted in the order of priority and the difference of cost, if any will be recovered from the defaulting contractors.

iv. The Tender Accepting Authority (TAA) before passing the order of accepting a tender may negotiate with lowest tender L 1. as per KTPP Act Circular No. 1359/SOFC/2001(p-2) dated 3/12/2002 vide 3.1 negotiations.

v. For imported items conversion rate on the date of opening of the tender will be considered uniformly for all the items for the purpose of comparison only and the conversion rate on the date of payment will considered while placing orders.

XIII. ORDERS AND DELIVERY

The Contractor shall supply the ordered equipment’s and Feed Ingredients to the required destination on the F. O. R basis within a period of 90 days from the date of order, otherwise the orders stands automatically cancelled. However the purchaser may for valid reasons, may extend the delivery by a maximum of another 30 days

XIV. PENALTY CLAUSE: (Delays in the suppliers Performance / Non Supply)

In case the supply is not completed fully, the “Purchaser” reserves the right to cancel the order for non supplied quantity and liable for forfeiture of Security Deposit to the KVAFSU and subsequent cancellation of the Contract.

- i. The difference of cost due to purchase from the next alternate source like L 2, L 3 or open market in the same order of preference shall be recoverable from the Contractor.
- ii. However, the contractor for the items to be imported are permitted to supply the equipment within 90 days without penalty and a penalty at 3% for the belated supply shall be recovered

and the total time taken for supplies with penalty shall not exceed 120 days from the date of receipt of the supply order. If the supply exceeds 120 days the contractor should inform the purchaser about the delay in writing and get his consent . If not, the contractor is liable for cancellation, blacklisting and forfeiture of EMD / Security Deposit without notice.

iii. In case the supply is not completed, the Purchaser reserves the right to cancel the order and proceed with the purchase of the same item from L- II or L- III or from the open market in the order of preference as specified .

XV. PAYMENT CLAUSE:

i. **No advance payment will be made towards the supply. Payment will be made only after the supplies are effected and installed as per the supply order.**

ii. **Payment shall be made in** Indian Rupees / the currency in which the tenderer has quoted.

iii. Advance payment will be considered for those equipment's whose accepted value exceeds Rs. 100 lakhs and custom made equipment's

XVI. REPLACEMENT OF ITEMS

Items supplied in damaged or soiled condition or found "not in conformity" with the accepted specification, will not be accepted and shall be replaced at no extra cost to the place within 30 days from the date of receipt of intimation, failing which the "Purchaser" shall be free to proceed with the purchase from alternate sources.

In case of dispute, regarding the non-conformity with the specifications, the decision of The TAA, KVAFSU is final.

XVII. BLACK-LISTING OF DEFAULTING TENDERERS

- a. The Purchaser reserves the right to BLACK-LIST any Tenderer either in whole or in part limiting to specified product / products, for breach of any of the Terms & conditions of the tender.
- b. Such blacklisted tenderer and his establishment will not be eligible to participate in any of the KVAFSU Tenders for subsequent 5 years.
- c. KVAFSU reserves the right to reject the tender of blacklisted companies and those companies whose past performance with KVAFSU / any similar agencies / Veterinary Institutions was poor due to delayed and erratic supplies, frequent quality failures etc.

XVIII. TERMINATION OF CONTRACT UNDER SPECIAL CIRCUMSTANCES

The "Purchaser", by written notice sent to the supplier, may terminate the contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the purchasers convenience, the extent to which performance of the supplier under the contract is terminated, and the date upon which such termination becomes effective.

IXX. DISPUTES AND JURISDICTION

In the event of any dispute arising out of the Terms and conditions of the Tender, such disputes would be subject to the jurisdiction of courts in Bangalore.

XX. SAVING CLAUSE PROTECTION OF ACTION TAKEN IN GOOD FAITH :-

No suit, prosecution or any legal proceedings shall lie against the "Purchaser" or KVAFSU or any officer of the KVAFSU for anything which is done in good faith or intended to be done in pursuance of this Tender.

SECTION IV

SPECIAL NOTE (SPECIAL CONDITIONS OF THE CONTRACT)

The following special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the General Conditions is indicated in parentheses

1. Definitions (GCC Clause I)

a. **The Purchaser** - **The Co-ordinator**, Tender processing cell,
KVAFSU, Bangalore

b. The Supplier is _____

THE PURCHASER SHALL RESERVE THE RIGHT TO PURCHASE THE EQUIPMENTS and FEED INGREDIENTS OVER AND ABOVE THE QUANTITY MENTIONED IN THIS TENDER, DURING THE TENDER PERIOD.

1. IN ALL THE ABOVE CONDITIONS, THE DECISION OF THE **TENDER ACCEPTING AUTHORITY**, KVAFSU, BIDAR SHALL BE FINAL AND BINDING.
2. **THE APPELLATE AUTHORITY IS THE VICE-CHANCELLOR OF KVAFSU, BIDAR**

SECTION – V

OTHER TERMS AND CONDITION FOR SUPPLY OF CHEMICALS and MEDICINES/ DRUGS (If applicable)

01. EXPIRY DATE:

01.01 All drugs/medicines/devices must indicate the entire contents of the pack, date of manufacture, date of expiry and batch number and all other regulatory requirements. All drugs must arrive at the purchaser's point with a remaining shelf life of at least 90% (Ninety percent) of the total stipulated shelf life of the product. In case, the product supplied is below 90% of shelf life it will be rejected. In case of imported drugs the minimum shelf life, at the time of delivery at purchaser's point should be at least 80% or else it will be rejected.

01.02 On inspection if it is found that remaining shelf life is less than 90% (80% in case of imported items) then the supplier should replace such quantity within 30 days from the date of intimation, failing which payments will be withheld till new stocks are supplied; if not supplied, fall clause will be invoked.

02. Standards

The goods supplied under this contract shall conform to the standards mentioned in the 'Technical Specifications'

03. Patent rights

The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the goods or any part thereof in the purchaser's country.

04. Packing.

04.01 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit. Packing case size and weights shall take into consideration, where ever applicable, the remoteness of the goods final destination and the absence of heavy handling facilities at all points in transit. All containers should be virgin containers only.

04.02 The packing, marking and documentation within and outside the packages shall comply strictly with any subsequent instructions ordered by the purchaser.

Thermo sensitive drugs which are to be stored in refrigerators should be supplied in suitable cold chain packing.

04.03 Packing instructions: The supplier will be required to make separate packages for each consignee. Each package will be marked on three sides with the following or as per prescribed norms:

- a) Brief description of goods,
- b) Contract no. and date,
- c) Supplier's name and address,
- d) Packing list reference number
- e) Batch number(s) of drugs/medicines, Date of Manufacture and Expiry date.
- f) Consignee's name and full address.

05. Orders/Delivery schedule: Supplies are to be made within 45 days (60 days for the imported items) from the Date of purchase order. If the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to 0.5% of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a

maximum deduction of 10% of the Contract Price. Once the maximum is reached, the Purchaser may consider termination of the Contract

05.01 The Purchaser does not guarantee the quantity, which will be ordered. The quantity mentioned is only tentative requirement and may increase or decrease as per provisions in the KTPP act and as per the actual requirement and budget availability. No claims shall lie against The KVAFSU, Bidar in this regard.

05.02 Within 24 hours of dispatch, the supplier shall notify the purchaser, consignee, indenter and the paying authority, the full details of dispatch and also shall supply following documents:

- (i) Copies of supplier's credit bills showing goods description, quantity, unit price and total amount, Date of Manufacture and Expiry date.
- (ii) Consignment Note/acknowledgement for receipt of goods from the consignee(s),
- (iii) Inspection certificate issued by the nominated inspection agency, where applicable.
- (iv) Analytical reports of the batches of Drugs & Chemicals.
- (v) Any other document specified in the supply order/indent.

06. STANDARDS AND SPECIFICATIONS.

06.01 The Drugs supplied shall conform to the Quality Standards including the standards specified for packing materials under Drugs and Cosmetics Act 1940 and Rules framed there under.

06.02 Each consignment of supply shall be accompanied by original analytical reports of all the batches from In-house laboratories of firms.

06.03 Purchaser or his representative who receives the stock shall test samples drawn randomly from each batch or batches of the consignment received either at the time of receiving the goods or at any time during the shelf life of the product for test and analysis at any laboratory approved by Drugs Control Department in addition to the routine sampling that may be carried out by the Drugs Control and Regulatory authorities. The Drugs shall have the active ingredients as per the specifications throughout the shelf life period of the drug.

- i. In case samples collected for analysis is declared to be "NOT OF STANDARD QUALITY" such batch / batches supplied shall be deemed to have been rejected. If the samples do not conform to the statutory standards, the contractor will be liable for relevant action under the existing laws including prosecution. In case, a batch tested is declared as "Not of Standard Quality"(NSQ), the Contractor shall supply a fresh stock of "Standard Quality" items equivalent to the entire quantity of the said batch supplied earlier, irrespective of the quantity available in stock of the purchaser, within 30 days from the date of receipt of such communication. In the event of the Contractor failing to make good stocks, the security deposit furnished by the Contractor shall be forfeited and in respect of the remaining damages, action under the existing laws will be initiated to recover such loss and also such firm will be blacklisted.
- ii. The stock declared as "Not of Standard Quality" shall be destroyed by the purchaser, shall not be returned to the Contractor under any circumstances
- iii. An amount equivalent to 0.5% of the total cost of the said batch of drugs declared as "Not of Standard Quality" shall be recovered from the contractor towards the expenses for destruction and disposal of above said drugs.
- iv. In all cases regarding the quality of drugs, the decision of KVAFSU, Bidar or any officer authorized by it, shall be final and binding.

07. Transportation and storage: The supplier shall be required to meet all transport expenses until delivery to the final destination.

08. The supplier shall replace "Not of Standard Quality" drugs/medicines with good quality drugs/medicines on intimation by the purchaser within 30 days.

09. Payment: The contract price shall be paid to the contractor on submission of a stock certificate issued by the consignee/purchaser's representative.

09.01 The supplier's request for payment shall be made to the paying authority as per the purchase order (indent) along with the stock certified bills by the consignee/purchaser's representative. The supplier shall also enclose analytical certificate of each batch of drugs/medicines supplied along with the bill.

09.02 No advance payment will be made towards the supply. Payment will be made only after the supplies are effected as per the purchase order. Payment shall be made in Indian Rupees.

09.03 The paying authority on submission of claim by the supplier shall process it for making payments.

09.04 No claims shall lie against The KVAFSU, Bidar respect of interest on Earnest Money Deposit or on Security Deposit.

10. Prices: Prices charged by the supplier for goods delivered (as in the bill) under the contract shall not vary from the prices quoted by the supplier in its bid.

11. Contract Amendments: No variation or modification of the terms of the contract shall be made except by written amendment signed by the two parties.

12. Delays in the supplier's Performance.

12.01 Delivery of the goods and performance of the services shall be made by the supplier in accordance with the time schedule specified by the purchaser.

12.02 Any delay by the supplier in the Performance of its delivery obligations shall render the supplier liable to any or all of the following sanctions:

- Forfeiture of its Performance security/ security deposit.
- Imposition of liquidated damages and/or
- Termination of the contract for default.
- Blacklisting of bidder

13. REPLACEMENT OF ITEMS

a) Items supplied in damaged or soiled condition or found "Not in conformity" with the accepted specification, will not be accepted and should be replaced at no extra cost within 30 days from the date of receipt of intimation, failing which, **5% penalty** will be levied for the belated supplies made within another 30 days.

b) If the replacements are not effected within the above penal period, the purchaser will be free to proceed with the purchase from alternate sources and difference of cost will be recovered from the rate contract holder and will be black listed for a period of 3 years.

c) Items declared as "Not of Standard Quality" by the Drugs Controller should be replaced at no extra cost within 30 days from the date of receipt of intimation failing which 5% penalty will be levied for the belated supplies made within another 30 days, failing which the purchaser shall be free to proceed with the purchase from alternate sources.

d) In case of dispute, regarding the non-conformity with the specifications, the decision of KVAFSU, Bidar will be final.

14. Liquidated damages/ Penalty

14.01 When the supplied drugs & chemicals are found to be of **not of standard quality** during the tests as per the 'Technical Specifications', a sum equivalent to 0.5 percent of the cost of the entire batch of such "**not of standard quality**" drugs/medicines towards destruction and disposal charges will be levied on the supplier.

14.02 A fresh stock of good quality drugs chemicals equivalent to the "**not of standard quality**" stocks shall be supplied within thirty days.

15. FALL CLAUSES:

15.01 The price quoted shall not in any case exceed the maximum wholesale ceiling price (bulk), if any, fixed by the Govt. of India /any State Government or Government undertakings or the Whole Sale price fixed by the bidder for General Market.

15.02 The Rate contract holder if he reduces the price of the item to any of the institutions in

Karnataka viz., Departments, Universities, Federations, Corporations etc. during the currency of Rate Contract shall notify the same to the department and shall supply the item/s at the rates notified by the Rate Contract holder.

16. Failure to comply with the Contract provisions

a) Disqualification of the Contractor and his firm from participating in any of the tenders of this Department for the next Three years, besides immediate termination of the existing contract.

In the event of supplies failing in quality test, the purchaser reserves the right to purchase from alternate source.

b) Further, **The Karnataka Veterinary Animal and Fisheries Sciences University, Bidar or its authorized officers including the indenter** reserves the right to cancel the contract and forfeit all the dues and deposits of the contractor if the quality failure happens to be of grave nature affecting the production capability or health of the animals. This shall be, however, notwithstanding any other action that might be proceeded with, under the relevant laws.

c) Such firms may be liable to be blacklisted for 3 years beginning from the year, in which defective supply was detected notwithstanding any action under the Drugs & Cosmetics Act.

Annexure-A
AGREEMENT

To:

The Co-Ordinator,
Tender Processing Cell,
Regional office, Hebbal,
Karnataka Veterinary, Animal and Fisheries Sciences University,
Bangalore- 560024, Karnataka state

Affix the Photograph
of the person signing
the document with
seal & Signature

Sir,

Having examined the tender documents in connection with supply of Equipment's, Chemicals and Medicines/Drugs to your University during 2024-25, called by you,

I/We, the undersigned offer to supply and deliver the goods in conformity with the terms and conditions of the tender at the rates quoted in the commercial/ price bid, if the contract is awarded in my/our favour.

I/We understand that the quotation offered shall be valid for a period of 1years from the date of acceptance of offer which may further be extended by another six months if required by you.

I/We undertake if our quotation is accepted I/We will enter into Contract to deliver the goods accordingly.

I/We agree to abide by this tender for the period as above & during the extended period, in case of extension.

I/We undertake to Security Deposit amount in accordance with the terms and conditions of the tender if our offer is accepted.

I/We until a formal contract is prepared and executed, the tender together with your written acceptance thereof and your notification of award, shall constitute a binding contract between us

I/We understand that, in competing for (and, if award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely, "Prevention of corruption Act 1988".

I/We understand that you are not bound to accept the lowest or any quotations you may receive.

Place: Phone No. (Off) _____ (Res) _____

Date: Fax No. _____
Signature

Name & address of the person signing the tender form Signature _____
Name in capital

NOTE: 1) The quotations shall be indicated in the format attached.
2) Quotations not in the format will be rejected.
3) Duly authorized to sign tender for and on behalf of _____
In what capacity Seal of the Firm

Annexure-C

Tender bidding for supply of Equipment's to KVAFSU, Bidar: 2025-26

Detailed specifications and warranty details of each item offered separately on Bidder's Letter Head with Seal and signature in Annexure – C

Item Code:-
Item Name:-
Model No
Specification:-

Place:-
Date:-

company or firm seal

Signature with

SECTION – VI

Detailed Technical Specifications

1) 98" or higher Interactive Display Panel (IPS)

98" or higher Interactive Display Panel			
S No	Parameter	Specifications	Quantity
1	Display Panel Size	98 Inches or higher	5 Nos
2	Light Source	DLED backlight	
3	Resolution	3840 × 2160 (4K UHD)	
4	Refresh Rate	60Hz	
5	Aspect Ratio	16:9 or better	
6	Display Colour	1.07 Billion colors (10-bit) or higher	
7	Surface	4mm Anti-glare tempered glass	
8	Brightness	Upto 450 cd/m ² or better	
9	Haze	25%	
10	Contrast Ratio	2000:1 or better	
11	Viewing Angle	178° (H/V)	
12	Backlight Life	≥ 50,000 hours or better	
13	Touch Technology	IR Touch	
14	Touch Points	40 touch points on Android & Windows or better	
15	Touch Response	≤ 5 ms or less	
16	Touch Accuracy	± 2 mm or less	
17	CPU	Octa-Core or better	
18	GPU	Quad-Core MaliG52 or better	
19	RAM + ROM	8GB RAM + 128GB Storage or better	
20	Operating System	Android 14.0	
21	Wi-Fi	802.11 a/b/g/n/ac (2.4GHz/5GHz)	
22	Bluetooth	5.0 or latest	
23	OPS	OPS included with Panel core i5 12th Gen, with 16gbram and 256 gb ssd	
24	Speakers	2 × 40 W or better	
25	Interfaces	5× USB 3.0/USB 2.0, 1× Type-C, 1x TF Card Slot, 3x HDMI IN (1 ARC), 1x Touch USB, 1x RS232, 1x Line Out, 1x Coax, 1x RJ45 IN, 1x 3.5mm Jack, 1x VGA IN, 1x VGA Audio IN	

26	Built in VC Software	The solution should support up to 100 participants in an online session, allow transmission of up to 4 camera feeds simultaneously, and provide 4K video, chat, data collaboration, and whiteboard features. It should also support local recording of sessions, have valid Web Security / Vulnerability & Penetration Testing Certificates, and the Interactive Display with VC software must be from the same OEM
27	Additional Features	The system should include a scheduling option with VC link sharing, support multiple cameras (minimum 4) with voice-activated switching layout, and offer advanced bandwidth optimization. It must support webinars with Q&A via chat along with YouTube live integration, and provide a VC client for smartphones & iPads with secure video/data encryption.
28	Whiteboard Features	Multi-touch interactive whiteboard (upto 20 points), handwriting-to-text, AI shape recognition, math/science tools, sticky notes, text editing, real-time collaboration, export to PDF, YouTube & Google integration, browser panel, 3D model viewer, screen capture
29	Accessories	Power Cord ×1, Stylus Pen ×2, Wall Mount Kit ×1, Remote Control ×1, User Manual ×1
30	Certifications	BIS, CE, FCC & RoHS

2) USB PTZ Ultra HD 4K Resolution Camera with 20X Zoom

S No	Parameter	Specification	Quantity
1	Sensor	1/2.7" CMOS, 2.07 Megapixels, Progressive Scan	5 Nos
2	Resolution Support	3840 x 2160 pixels (@ 30fps)	
3	Dual Stream Support	YUY2 / MJPEG / H.264 simultaneous output	
4	Optical Zoom	20X Optical Zoom	
5	Digital Zoom	16X Digital Zoom	
6	Field of View (H/V/D)	Minimum of 68° Diagonal FOV or higher & 55° (H), 42° (V)	
7	Focal Length	4.7mm ~ 46.3mm, F1.8 ~ F2.8	
8	Shutter Speed	1/30s ~ 1/10000s	
9	Minimum Illumination	0.5 Lux @ (F1.8, AGC ON)	
10	White Balance	Auto / Manual / Presets (3000K to 6500K)	
11	Backlight Compensation	Supported	
12	Auto Focus / Flicker / Color Optim.	Supported	

13	Digital Noise Reduction	2D & 3D Noise Reduction
14	Video S/N Ratio	≥55 dB
15	Pan Range	±170°
16	Tilt Range	-30° to +90°
17	Pan Speed	2.7° to 35.7°/s
18	Tilt Speed	2.7° to 31.5°/s
19	Flip Image (H/V)	Supported
20	Preset Support	Up to 255 Presets, 0.1° Accuracy
21	Control Interface	RS232 (VISCA / Pelco-D / Pelco-P Protocol)
22	Remote Control	IR Remote
23	USB Interface	USB 2.0 (Type-B Female)
24	Power Supply	DC 12V or USB 5V
25	Power Consumption	Max 5W
26	Dimensions	141.3 mm x 153 mm x 163.6 mm
27	Weight	1.153 kg
28	Accessory	Should include USB cable, power adapter, IR remote, wall mount kit, and user manual
29	Warranty	Minimum 1 Year Manufacturer Warranty
30	Certification	CE, FCC, RoHS & CB test reports must be submitted

3) Digital Podium with Audio System

S No	Parameter	Detailed Specification	Quantity
1	Product Type	All-in-One Digital Podium with integrated multimedia, display interface, control system, and in-built audio processing & amplification	5 Nos
2	Construction & Design	Heavy-duty metallic body, ergonomic design, modular construction with mobility support and wheel locking mechanism	
3	Podium Features	Sliding top panel, keyboard tray, document camera tray, pen/utility holder, built-in cooling fans, TFT digital timer/stopwatch	
4	Interactive Touch Monitor	21.5" Full HD interactive monitor (1920 × 1080 resolution)	
5	Touch Technology	Capacitive touch display supporting finger and stylus input	
6	Brightness & Response Time	Minimum 350 cd/m ² brightness, ≤5 ms response time	

7	Touch Monitor Inputs	HDMI and DVI video inputs
8	Touch Interface Compatibility	Touch monitor compatible with Windows, Linux, and macOS systems via USB touch interface
9	Electronic Monitor Lift	Motorized monitor lift mechanism integrated into the podium
10	Multimedia Interface Controller	Integrated laptop interface controller enabling seamless switching between presenter laptop and external AV sources
11	HDMI Management	Built-in minimum 4x1 HDMI switcher for connecting multiple HDMI input sources
12	HDMI Distribution	Provision for 1x4 HDMI splitter (bottom mounted) for routing content to multiple external displays
13	USB Connectivity & Switching	USB 2.0, USB 3.0, and USB Type-C ports for data transfer, touch interface, and peripheral connectivity
14	DSP & Amplifier Capacity	In-built Multichannel All-in-One DSP with integrated Class-D amplifier delivering 200W total output (2 x 100W or 4 x 50W @ 8Ω)
15	Speaker System	4 x 20W passive column speakers supplied by along with the podium
16	Wireless Microphone System	Built-in UHF wireless microphone system with 1 x handheld microphone and 2 x lapel/headband microphone, operating range up to 100 feet
17	Microphone System	3-pin XLR gooseneck microphone inputs with 48V phantom power; condenser type, cardioid polar pattern (1x microphones supplied)
18	Audio Inputs	Line input (RCA), microphone inputs (balanced & unbalanced), and built-in wireless microphone receiver
19	USB Audio Interface	1 x USB 2.0 interface for video conferencing audio input/output (PC soft codec integration)
20	DSP Audio Features	Acoustic Echo Cancellation (AEC), Noise Suppression, De-reverb Filter, Automatic Gain Control (AGC), Full Duplex audio
21	Wireless Microphone System	Built-in UHF wireless system with handheld and lapel/headband microphones, quartz-locked frequency, operating range up to 100 feet
22	Control Interfaces	RS-232 port for DSP/control integration and relay outputs for external device control
23	Network Connectivity	RJ-45 LAN port for network and internet connectivity
24	Power & Electrical	AC 100–250V input, 3-pin universal socket for laptop charging, in-built 16A MCB with grounding
25	Safety & Compliance	Proper ventilation, electrical protection, chassis grounding, and safe internal cable management
26	Rack Space	Minimum 12U internal rack space for AV equipment integration
27	Accessories (DSP & Audio)	Power cord, handheld microphone, lavalier/headband microphone, USB 2.0 cable (1.8 m), antennas (2 Nos), Phoenix connectors (3-pin), stereo-to-2RCA cable (1.8 m), rechargeable batteries, speaker pair, speaker cable (20 m)
28	Application Suitability	Suitable for classrooms, training rooms, auditoriums, conference rooms, and smart learning environments

4) Technical Specifications – Inverter

Sl no.	Parameter	Detailed Specification	Quantity
1	Capacity	3KVA with Battery	5 Nos
2	Type	True online UPS	
3	Back Up	Minimum 60 Minutes	

Other General Terms & Conditions :

1	Only those Financial Bids will be opened and evaluated which are found to fulfil all the eligibility and qualifying requirements of this Tender.
2	Bidder may be asked to provide detailed technical demonstration of all the quoted IT products if required within a notice of 4/5 days. Non-compliance shall result in rejection of tender.
3	Delivery of complete material needs to be completed at all locations strictly within 45 days of order. Failure to deliver stores within stipulated delivery period shall result in EMD being forfeited and also Vendor shall be blacklisted
4	The Bidder shall quote composite price inclusive of Supply, Installation, Testing, Commissioning, Training & all Taxes.
5	Bidder should quote for all components/ products as asked in the tender. Non-compliance shall result in rejection of tender.
6	The bidder representative shall be allowed entry upon consignee premises for such visit, only upon the express conditions that the bidder will release and indemnify the buyer and consignee against all liabilities arising out of such visit including death or injury, loss or damage to property and any other loss, damage, costs and expenses incurred as a result of such visit.
7	The bidder shall not be entitled to hold any claim against Buyer for noncompliance due to lack of any kind of pre-requisite information as it is the sole responsibility of the bidder to obtain all the necessary information with regard to site, surrounding, working condition, weather etc. on its before submission of the bid.
8	The supplier's GST number should be linked to the appropriate HSN code for the goods or services offered.