



# **ALL INDIA INSTITUTE OF AYURVEDA(AIIA)**

**GAUTAMPURI, SARITA VIHAR, Mathura Road, DELHI  
110076 (India)**

***Website: [www.aiia.gov.in](http://www.aiia.gov.in)***

***Email: [central-store@aiia.gov.in](mailto:central-store@aiia.gov.in)***

**Phone Number 011-26950401**

**Tender No.: F-14019/3/2023-AIIA**

**Dated: 18/05/2024**

**Tender Documents for procurement of 'Multi-Cam Studio Setups, in All India Institute of Ayurveda (AIIA) - DELHI.**

*Handwritten signature*

## Notice Inviting Tender

### Chapter-I

The Director, AIIA, Delhi invites tender under two Bid System Viz. Technical Bid and Financial Bid from reputed, experienced original manufacturer/authorized distributor of the following equipment. (It should be domestic goods including goods already imported by the supplier under its own arrangements).

2. Description of the item(s) is given below:

Item No.	Name & Description	Qty.	Unit price(in ₹)
1	Multi-Cam Studio Setups	1 No.	80,00,000
<b>RUPEES SIX LAKH ONLY</b>			

For further details, please refer **Annexure-I (Technical Specification)**.

### 3. SCHEDULE OF TENDER

Sl. No.	Activity Description	Schedule	
I.	Tender No.	F-14019/3/2023-AIIA	
II.	Availability of Tender Document	The tender document can be downloaded from the AIIA web site <a href="http://www.aiaa.gov.in">http://www.aiaa.gov.in</a> or from the procurement portal  <a href="http://eprocure.gov.in/epublish/app">http://eprocure.gov.in/epublish/app</a>	
		Schedule	Time
III.	Document download start date	18.05.2024	15:00 hrs.
IV.	Bid submission start date	18.05.2024	15:30 hrs.
V.	Seeking clarification end date	22.05.2024	15:30 hrs.
VI.	Bid submission end date	10.06.2024	15:00 hrs.
VII.	Bid opening date	10.06.2024	15:30 hrs.
VIII.	Minimum Validity of tender offer	120 days from the date of opening of technical bid	
IX.	Services/Product to be offered	Multi-Cam Studio Setups	
X.	Tender Document fee	NIL	
XI.	EMD	3% of the tender value	
XII.	Performance Security	5% of the awarded value	

4. **Submission of Tenders:** The bid along with the necessary documents should be dropped in the Tender Box placed in the reception area of the All India Institute of Ayurveda (AIIA) on any working day/working hours and up to stipulated date and time. The bid document should be under two bid system (i) Technical Bid and (ii) Financial Bid, i.e. technical bid and financial bid should be in two different envelop which be placed in a bigger envelop.



5. **Clarification on bid documents:** Clarification on bid document may be sought by the bidders as per prescribed schedule over email address [central-store@aiaa.gov.in](mailto:central-store@aiaa.gov.in).
6. **Amendments:** Any amendments/corrigendum related to bid document, for any reason whether in its own initiative or in response to clarification requested by bidders, will be published on website of Institute and on CPPP only. Bidders should check these amendments regularly. AIIA shall not be responsible to notify such amendments/corrigendum to individual bidders.
7. **All India Institute of Ayurveda (AIIA) reserves the right to amend or withdraw any of the terms and conditions contained in the Tender Document or to reject any or all Bids without assigning any reason. The decision of the Director, AIIA in this regard shall be final and binding on all.**



**(Ranjit Singh)**  
**Stores Officer**



## Chapter- II

### Instructions for Bidders

1. Tender has been invited under two bid systems. Hence all instruction should be followed properly as mentioned in bid document.
2. All envelops should be super-scribed “**Technical Bid for Multi-Cam Studio Setups**” as the case may be. Both the bids should be kept in a bigger envelop super-scribed with Bid for “**Multi-Cam Studio Setups**”
3. All the annexure/declaration and tender documents should be signed by bidders. If these are signed by a representative, an authorization letter issued after tender publishing dated must be attached. **Tender submitted in loose sheet/unsigned shall not be considered.**
4. The pages of tender document to be submitted by bidder should be properly number and an index with proper page number should be attached with the tender document.
5. Rates quoted in respect of tender should be typed only. **Any cutting, overwriting shall not be considered.**
6. The bidder shall quote rates in Indian Rupees (INR). Rates quoted in other currency shall be treated as non- responsive and will be rejected.
7. Only technically qualified bidders will be considered for financial evaluation. Financial bid opening date and time will be intimated to technically qualified bidders only.
8. Technical compliance sheet must be attached along with catalogue where in the technical compliance will be intimated properly. **Interested bidders may obtain further information from the office. The bidders are advised to visit the site for proper understanding of the works and requirement.**
9. It is responsibility of bidders to ensure timely submission of bids as per given schedule and must be dropped in Tender Box placed at Central Store, Academic Block, All India Institute of Ayurveda, Sarita Vihar New Delhi. Bids received after due date will not be considered.
10. In event of the above-mentioned date being declared as holiday/closed day for the AIIA, the tender event will be postponed for the next working day.
11. Price Preference Policy and Exemption for submission of various eligibility criteria documents to the Bidder registered under Make in India Initiative:- The bidders who are registered under **Make in India** Initiative and producing their products under the “**Make in India Policy of Government of India**” shall be given price preference as per Govt of India applicable Rules and Guidelines on submission of relevant certificate for availing the price preference and exemption for submission of exempted documents against this bid along with their Pre-Qualification Bid Documents. If the certificate is not uploaded along with their offer, it will be treated as normal bidder. Producing certificate at later stage will not be considered.
12. Bidders are advised to go through the Make In India initiative and Price Preference Policy before opting the same for availing benefit under this initiative.
13. It should be noted that this tender is subject to the provisions contained in Government of India, Ministry of Commerce & Industry, Department for Promotion of Industry and Internal Trade (Public Procurement Section) Orderno.P-45021/2/2017-PP (BE-II) dated 04.06.2020 and all other relevant orders issued by the Government of India from time-to-time.



- (a) The 'Class-I local supplier / Class-II local supplier at the time of tender bidding or solicitation shall be required to indicate percentage of local content and provide self-verification that the item offered meets the local content requirement for Class-I local supplier/Class-II local supplier, as the case may be. They shall also give details of location(s) at which the local value addition is made.
- (b) In cases of procurement for a value in excess of Rs. 10.00 Cr, the 'Class-I local supplier/ 'Class-II local supplier' shall be required to provide a certificate from the statutory auditor or cost auditor of the company in the case of companies) or from practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content
- (c) False declaration will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the GFR-2017 for which a bidder or its successors can be debarred for up to two (02) years as per Rule 151 (iii) of the GFR-2017 along with such other actions as may be permissible under law.





## Chapter-III

### General Terms and Conditions

1. Tenders should be quoted only by the OEM/actual manufacturer and/or their authorized distributors or selling agent of a particular firm. Bidder should submit a current authority letter in support of the same from the actual manufacturer concerned in the format given at “**Annexure-III**”. The bidder is responsible for the supply of stores. If the Principal Manufacturer withdraws rights of distribution from the bidder during validity period of rate contract, Director, AIIA, DELHI has right to cancel the eligibility of the bidder and accept the candidature of new coming authorized distributor. **Any authorization certificate issued in the past for participating in any specific tender shall not be considered as a valid authorization by OEM.**
2. **Bidders will be required to arrange a demonstration of the offered equipment which will be installed in the set-up of the Studio, if desire by the technical specification committee.** Failure to arrange for a demonstration on the given date may lead to cancellation of the bid. Cost of organizing such demonstration shall be borne by the bidder.
3. The model of the equipment offered should not be obsolete/out of production for next 5 years after expiring of guarantee/warranty period.
4. **Patent Rights:** The supplier shall, at all times, indemnify and keep indemnified the purchaser, free of cost, against all claims which may arise in respect of goods & services to be provided by the supplier under the contract for infringement of any intellectual property rights or any other right protected by patent, registration of designs or trademarks. In the event of any such claim in respect of alleged breach of patent, registered designs, trademarks etc. being made against the purchaser, the purchaser shall notify the supplier of the same and the supplier shall, at his own expenses take care of the same for settlement without any liability to the purchaser.
5. **Bidders must have attached affidavit of self-certification regarding local content as prescribed by Ministry of Electronics and Information Technology.**
6. **Country of Origin**
  - i. All goods and services to be supplied and provided for the contract shall have the origin in India or in the countries with which the Government of India has trade relations.
  - ii. The word “origin” incorporated in this clause means the place from where the goods are mined, cultivated, grown, manufactured, produced or processed or from where the services are arranged.
  - iii. The country of origin may be specified in the Price Schedule.
  - iv. **Bidders may ensure the compliance and guidelines mentioned in Office Memorandum No. 6/18/2019-PPD dated 23<sup>rd</sup> July 2020 issued by Department of Expenditure, Ministry of Finance and a declaration as per above O.M. must be furnished.**
7. **Terms of Delivery:** Goods shall be delivered by the supplier in accordance with the terms of delivery and as per the delivery period specified in the schedule of requirement and Supply & Delivery Clause in General Terms and Conditions Section. Please note that the time shall be the essence of the contract.
8. Instructions for transportation of domestic goods including goods already imported by the supplier under its own arrangement: The supplier will arrange transportation of the ordered goods as per its own procedure up to Consignee Site (i.e. AIIA, DELHI, GAUTAMPURI, SARITA VIHAR, DELHI-110076.



9. **Spare Parts:** The separate price list of all spares and accessories and consumables, if any, (including minor) required for maintenance and repairs in future after guarantee/warranty period must be provided in the format given at “**Annexure-IV**” failing which quotation will not be considered.
10. **Tender currencies:** The Bidder supplying indigenous goods or already imported goods shall quote only in Indian Rupees (INR) in the Financial Bid Format given at “**Annexure-V**”. A Bidder quoting imported goods located within India shall produce documentary evidence of the goods having been imported and already located within India, in case their bid is found to be the lowest one after opening of financial bid.
11. **Tender Prices**
- i. The Bidder shall indicate on the Financial Bid Price Schedule provided at “**Annexure-V**” for Indigenous supplies in INR for all the specified components of prices shown therein including the unit prices and total tender prices of the goods and services it proposes to supply against the requirement. All the columns shown in the Financial Bid Price schedule in given format should be filled in as required.
- ii. If there is more than one schedule in the Schedule of Requirements, the Bidder has the option to submit its quotation for any one or more schedules. However, while quoting for a schedule, the Bidder shall quote for the complete requirement of goods and services as specified in that particular schedule.
- iii. While filling up the columns of the Financial Bid Price Schedule, for domestic goods or goods of foreign origin located within India, the prices in the corresponding price schedule shall be entered separately in the following manner:
- a. The price of the goods quoted ex-factory/ex-showroom/ex-warehouse/off-the-shelf, as applicable, including all taxes and duties like, Custom Duty and/or GST already paid or payable on the components and raw material used in the manufacture or assembly of the goods quoted ex-factory etc. or on the previously imported goods of foreign origin quoted ex-showroom etc;
- b. Any taxes and duties including Custom duty and/or GST, which will be payable on the goods in India if the contract is awarded;
- c. Charges towards Packing & Forwarding, Inland Transportation, Insurance (local transportation and storage), Loading & Unloading and other local costs etc incidental to delivery of the goods to their final destination will bear by Bidder;
- d. The price of Incidental Services, as mentioned in Schedule of Requirement and Price Schedule;
- e. The prices of Site Modification Work (if any), as mentioned in Schedule of Requirement, Technical Specifications and Price Schedule.
- f. The Rate quoted for a product or services should be including all taxes. No additional charge/tax etc will be paid by AIIA, if claimed by Supplier at later stage.
- g. Rates quoted will remain valid and fixed for entire bid validity period and/or for extended period. Bidder will not be allowed the change/modify rates during bid validity period.
- h. Rate quoted should be unit wise and rate cannot be quoted beyond Maximum Retail Price (MRP).
- i. The price of annual CMC, as mentioned in Schedule of Requirement, Technical Specification and Price Schedule (**Wherever applicable**).

**Additional information and instruction on Duties and Taxes:**

12. (a) **Octree Duty and Local Duties & Taxes:** Normally, goods to be supplied to Government Departments against Government contracts are exempted from levy of town duty, Octree duty, terminal tax and other levies of local bodies. However, on some occasions, the local bodies (like town body, municipal body etc.) as per their regulations allow such exemptions only on production of certificate to this effect from the concerned Government Department. Keeping this in view, the supplier shall ensure that the stores to be supplied by the supplier against the contract placed by the

purchaser are exempted from levy of any such duty or tax and, wherever necessary, obtain the exemption certificate from the purchaser. The purchaser will issue the certificate to the supplier within a week positively from the date of receipt of request from the supplier. However, if a local body still insists upon payment of receipt of such duties and taxes, the same shall be borne by the supplier. The institute will not be responsible for any such payments/reimbursement etc.

**(b)Goods and Services Tax (GST) as per GST Act 2017:** If a Bidder asks for Goods and Services Tax to be paid extra, the rate and nature of Goods and Services Tax applicable should be shown separately in their GST Compliant Invoices. The Goods and Services Tax will be paid as per the rate at which it is liable to be assessed or has actually been assessed provided the transaction is legally liable to Goods and Services Tax and is payable as per the terms of the contract. If any refund of Tax is received at a later date, the Supplier must return the amount forth-with to the purchaser

**(c)**The need for indication of all such price components by the Bidders, as required in this clause is for the purpose of comparison of the tenders by the purchaser and will no way restrict the purchaser's right to award the contract on the selected Bidder on any of the terms offered.

13. **Warranty on for 36 months (to be submitted from OEM on points below)**
- I. Bidder have to submit a written guarantee/warranty from the manufacturers stating that the equipment being offered is the latest model as per the specifications and the spares for the equipment will be available for a period of at least 3 years after the guarantee/warranty period.
  - II. The manufacturer will have to keep the institute informed of any up-date of the equipment over a period of next 3 years and undertake to provide the same to the institute at no extra cost and also they will supply regularly any items of spare parts requisitioned by the purchaser for satisfactory operation of the equipment till the life span of the equipment, if and when required on agreed price.
  - III. Guarantee/warranty to the effect that before going out of production of spare parts, the manufacturer and/or Bidders will give adequate advance notice to the purchaser of the equipment so that the later may undertake to procure the balance of the life time requirements of spare parts.
  - IV. The Guarantee/warranty to the effect that the manufacturer will make available to the institute, the blue-prints and drawing of the spare parts if0 and when required in connection with the equipment.
  - V. **The supplier warrants comprehensively for 36 months Onsite Warranty including Spare Parts & Labour etc.** that the Equipment/Stores supplied under the contract is new, unused and in corporate all recent improvements and design and materials unless prescribed otherwise by the purchaser in the contract. The supplier further warrants that the Equipment/Stores supplied under the contract shall have no defect arising from design, materials (except when the design adopted and / or the material used are as per the Purchaser's/Consignee's specifications) or workmanship or from any act or omission of the supplier that may develop under normal use of the supplied Equipment under the conditions prevailing in India.
    - o No conditional warranty like mishandling, manufacturing defects etc will be acceptable.
    - o Comprehensive Warranty as well as Comprehensive Maintenance contract should be inclusive of all accessories.
    - o Replacement and repair will be undertaken for the defective Equipment/Stores.
    - o Proper marking has to be made for all spares for identification like printing of installation and repair dates.
  - VI. Upon receipt of such notice, the supplier shall, within 48 hours on a 24 X 7 basis respond to take



action to repair or replace the defective Equipment/Stores or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/ Equipment / Stores after providing their replacements and no claim, what so ever shall lie on the purchaser for such replaced Parts/Equipment/Stores thereafter. Non-replacement will attract appropriate penalty including forfeiture of performance security on repetition of such misconduct.

- VII. The Bidder hereby declares that the goods/equipment/stores/articles supplied to the buyer under this contract shall be of the best quality and workmanship and shall be strictly in accordance with the specifications and the particulars contained/mentioned in the clauses hereof and the Bidder hereby guarantee/Warranty that the said goods / equipment / stores/ articles conform to the description and quality aforesaid. The purchaser will be entitled to reject the said goods/equipment/stores/articles or such portion thereof as may be discovered not to conform to the said description and quality as follows:
- a. Bidder should state categorically whether they have fully trained technical staff or installation/commissioning of the equipment and efficient after sales services.
  - b. It is specifically required that the Bidder/Supplier will supply all the operating and service manuals along with blue-prints and drawings including circuit diagram of the equipment supplied as well as its components.
- VIII. If the supplier, having been notified, fails to respond to take action to replace the defect(s) within 48 hours on 24X7 basis, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which the purchaser may have against the supplier.
- IX. During Warranty/CMC period, the supplier is required to visit at consignee's site at least once in 3 months commencing from the date of the installation for preventive maintenance of the Equipment/Stores.
- X. The Supplier along with its Indian Agent and the CMC provider shall ensure continued supply of the spare parts for the machines and Equipment supplied by them to the purchaser for 3 years from the date of installation and handing over.
14. **CMC for Three Years period after completion of 3 years onsite free of Cost Warranty:**  
The bidder will give an onsite guarantee/ warranty for trouble free functioning and maintenance of the facility for 3 years including spares and labour from the date of installation, commissioning and acceptance of the facility. The bidder would submit a performance bank guarantee of 3% the cost of the Purchase Order for the period of warranty /CMC plus 3 months indemnifying the hospital against all losses incurred by the hospital during the warranty/maintenance period in the format given at "**Annexure-VI**". This has to be submitted after satisfactory installation along with the bills. The firm shall also quote for CMC charges which is applicable for the next **3 years** after expiry of the comprehensive warranty period of 3 years in the "**Annexure-V**" for each Equipment/item (on which the Warranty/Guarantee applicable). The price quoted for CMC will be considered along with price of required Instruments/equipment in financial bid.
15. The bidder should quote rates of optional accessories/consumables/spares as per **Annexure-IV** and the rate should be valid till the validity of the contract.
16. Bidders are required to quote strictly as per specification of the equipment. If, deviation from specification, it must be brought out clearly giving deviation statement in **Annexure-VII**.
17. Additional features (in case of equipment), if any, should be listed separately in the offer. However, technical and financial evaluation will be done as per the specification mention at **Annexure-I**.

18. The bidder should submit an undertaking for acceptance of Terms & Conditions at **Annexure-VIII** including to the effect that they have necessary infrastructure for maintenance of the equipment and will provide accessories/spares as and when required by the indenter for 03 years after expiry of the Warranty period.
19. **Technical Bid:** The Bidder shall have to provide duly signed copy of technical bid as prescribed in **Annexure-VII**.
20. **Applicability of Anti-Profiteering Rule under GST Act 2017:** No item should be quoted with price more than the M.R.P. by any Supplier Agency to AIIA DELHI. The MRP is required to be clearly mentioned on each of the supplied item/its packaging in their offered pack size. The prices should be quoted strictly in accordance with unit/pack Size and Strength/Potency mentioned in the schedule of Requirement at **Annexure-I** in the given Price Quotation format. The Anti-Profiteering Rule under GST Act 2017 is applicable against this Tender Enquiry on which the Supplier Agency should have mandatorily to pass on the benefit due to reduction in rate of tax to the AIIA DELHI by way of commensurate reduction in their prices. If any Supplier Agency found defaulter for following of above said rule (i.e. passing all the benefits of GST Tax Regime price reductions to AIIA DELHI), the necessary action deemed fit as per GST Act 2017 shall be initiated against such defaulter firm.
21. **Fall Clause:** If at any time during the execution of the contract, the Contractor/Manufacture/Distributor/Dealer reduces the sale price or sells or offers to sell such stores, as are covered under the contract, to any person/organization including the purchaser or any department of Central Government or any other AIIA/PSUs at a price lower than the price chargeable under the contract during the Current Financial Year, he shall forthwith notify Director, AIIA DELHI. The necessary difference amount about such reduction or sale or offer of sale to the purchaser and the price payable under the contract for the stores supplied after the date of coming in to force of such reduction or sale or offer of sale shall stand correspondingly reduced and deposited to AIIA DELHI by the Bidder or AIIA DELHI will deduct from the pending bills/Performance Security Deposit to recover the loss to the Government.
22. The Director, AIIA, DELHI has full authority to take in to account the performance of manufacturer/authorized dealer or distributor / bidder and they should submit a latest performance certificate (not older than previous financial year 2021-22) from any other Govt. Hospitals/Institutions/PSUs to testify the proper dealing & performance as well as installation and maintenance of equipment.
23. **Terms of Delivery of Products, Penalty/Liquidation Damage:**
  - I. Delivery of stores shall be F.O.R to AIIA DELHI. The AIIA DELHI is not liable for payments on account of Freight/Taxes/Expenditures which are to be paid inclusively by the suppliers.
  - II. The successful bidder shall have to complete the works within a period of 45 days from the date of acceptance of the works.
24. The period of completion strictly to be followed by the Supplier Agency as per time period communicated through Purchase/Supply Order through e-mail/hard copy through speed post. The penalty of 0.5% of the value of order per week for delayed supply of the order, maximum to 10%. In case of the works has not been completed within the period of 20 week i.e. maximum acceptable delay period, the bidders will carry out the works only with written permission from the Institute.

**INSPECTION OF SUPPLIES & ACCEPTANCE:**

Inspection will be done by the duly a Committee constituted by Director, AIIA, Delhi and or its authorized representatives in AIIA DELHI Hospital premises at designated place in presentence of

supplier or its representative. Any cost incurred for carry out the inspection/testing etc, shall be borne by Supplier Agency. **The supplied goods will be accepted by Institute on approval of the Committee.**

**25. INCIDENTAL SERVICES:**

The supplier shall be required to perform the following services at Consignee Site:

- a) Installation & commissioning, Supervision and Demonstration of the Equipment/Goods
- b) Providing required jigs and tools for assembly, minor Civil/Electrical/ Plumbing / any other needed engineering works etc required for the completion of the installation.
- c) Training of Consignee's Doctors, Staff, operator etc. For operating and maintaining the Equipment/Goods
- d) Supplying required number of operation & maintenance manual for the goods

**26. DISTRIBUTION OF DISPATCH DOCUMENTS FOR CLEARANCE/RECEIPT OF GOODS**

The supplier shall send all the relevant dispatch documents well in time to the Purchaser/Consignee to enable the Purchaser/Consignee clear or receive (as the case may be) the goods in terms of the contract. Within 24 hours of dispatch, the supplier shall notify the purchaser, consignee, and others concerned if mentioned in the contract/purchase Order, the complete details of dispatch and also supply the following documents by registered post/ speed post/courier (or as instructed in the contract):

- i. Three copies of supplier's invoices showing contract number, goods description, quantity, unit price and total amount;
- ii. Two copies of packing listed identifying contents of each package;
- iii. Certificate of origin for goods of foreign origin;
- iv. Insurance Certificate.
- v. Manufacturers/Supplier's warranty certificate & In-house inspection certificate.

**27. Taxes, Duties, Incidental Services and Warranties:** Supplier shall be entirely responsible for all taxes, duties, fees, levies, incidental Services, Warranties etc. incurred until delivery of the contracted goods to the purchaser.

**28. Terms and mode of payment:**

28.1. Final Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract in the following manner:

**I. Payment for Goods:** Payment will be made after successful installation, commission, testing and operation of the machines. The payment shall be made in Indian Rupees as specified in the contract in the following manner:

**II. Payment for Annual Comprehensive Maintenance Contract Charges:**

The consignee will enter into CMC with the supplier at the rates as stipulated in the contract. The payment of CMC will be made on the last Quarter of the 6th Year onwards on year to year basis after satisfactory completion of said 3 Year free of Cost Warranty period, duly certified by the consignee on receipt of bank guarantee for an amount equivalent to 3% of the cost of the 3 years CMC Value as per contract in the prescribed format given at "**Annexure-V**"

28.2. The supplier shall not claim any interest on payments under the contract.

28.3. Where there is a statutory requirement for tax deduction at source, such deduction towards income tax



and other tax as applicable will be made from the bills payable to the Supplier at rates as notified from time to time by the Government.

- 28.4. The supplier shall send its claim for payment in writing, when contractually due, along with relevant documents etc., duly signed with date, to respective consignees.
- 28.5. While claiming payment, the supplier is also to certify in the bill that the payment being claimed is strictly in terms of the contract and all the obligations on the part of the supplier for claiming that payment has been fulfilled as required under the contract.
- 28.6. While claiming reimbursement of duties, taxes etc. (like custom duty and/or GST or any other taxes) from the Purchaser/Consignee, as and if permitted under the contract, the supplier shall also certify that, in case it gets any refund out of such taxes and duties from the concerned authorities at a later date, it (the supplier) shall refund to the Purchaser/Consignee forth with.

29. **OTHERS:**

Technical Evaluation Committee/Procurement Committee and other committees as constituted by the Competent Authority will decide regarding approval of Items, Rates and Quantities required to be procured (increase/ decrease in either side as indicated at **Annexure-I**) for different categories of Equipment /items as per requirement of AIIA, DELHI. Decision of the Director, AIIA will be final and binding to all parties.

The Bidder shall not be allowed to transfer, assign, pledge or sub-contract its rights and liabilities under this contract to any other agency(ies) without prior written consent of the Director, AIIA, DELHI. If it is found that the firm has given sub-contract to another Agency, the contract shall stand cancelled & the performance security deposit of such Bidder shall be forfeited by AIIA, DELHI.

The AIIA, DELHI shall not be responsible for any financial loss or other damaged or injury to any item or person deployed/supplied by the Supplier Agency in the course of their performing the duties to this office in connection with purchase order/supply order for supplying/installation/commissioning of the ordered Equipment/Stores/Goods/Items at AIIA, DELHI.

30. **PACKING & MARKING OF SUPPLIES: -**

- (a) The firm shall supply the stores with proper packing and marking for transit so as to be received at destination free from any loss or damage. The stores supplied by the bidder should strictly conform to the labelling provisions laid down under the latest Drugs & Cosmetic Rules or other applicable statutory provisions.
- (b) All goods/stores supplied to the hospital shall have to be stamped, "The AIIA DELHI Supply only" and printed "NOT FOR SALE" in bold letters with indelible ink (where as applicable).

31. **FORCE MAJEURE: -**

Any failing or omission to carry out the provision of the contract by the supplier shall not give rise to any claim by any party, one against the other, if such failure of omission or arises from an act of God, which shall include all acts of natural calamities such as fire, flood, earthquake hurricane or any pestilence or from civil strikes, compliance with any statute and/or regulation of the Government, lock outs and strikes, riots, embargoes or from any political or other reasons beyond the suppliers control including war (whether declared or not) civil war or state or insurrection, provided that notice or the occurrence of any event by either party to the other shall be given within two weeks from the date of occurrence of such an event which could be attributed to 'force majeure' conditions.

**32. DISPUTES AND ARBITRATION:**

All disputes or differences arising during the execution of the contract shall be resolved by the mutual discussion failing which the matter will be referred to an Arbitrator who will appointed by the Director, AIIA, DELHI for Arbitration for settlement of disputes in accordance with Arbitration & Conciliation Act 1996 or its subsequent amendment, whose decision shall be binding on the contracting parties.

**33. LAW GOVERNING THE CONTRACT AND JURISDICTION:**

The contract Governed under Contract Act 1872 Indian Competition Act 2002 and instructions thereon from the government of India issued in this regard from time to time. The Court of DELHI shall alone have jurisdiction to decide any dispute arising out of or in respect of the contract.

**34. PERFORMANCE SECURITY DEPOSIT:**

The successful Bidder will be liable to deposit 5% of value of the Contract/Purchase Order as Performance Security Deposit in favor of "Director, AIIA DELHI" by way of "Performance Bank Guarantee in the format given at **Annexure-VI** in the form of Fixed Deposit Receipt" from Scheduled Nationalized/Commercial Bank refundable after expiry of the tenders/or after the completion of 3 years warranty period + 2 months (valid for i.e. 38 months) in case of supply of Equipment, subject to successful fulfillment of terms and conditions, on receipt of requisite No dues certificate from the concerned departments/authorities. Security Deposit is liable to be forfeited if the bidder withdraws or impairs or derogates the bid in any respect. For CMC after expiry of warranty period, the 3% Security Deposit of total CMC cost of Equipment shall require to be deposited by the Bidder to AIIA, DELHI in the format given at "**Annexure-VI**".

**35. RECOVERY OF EXCESS PAYMENT MADE TO SUPPLIER AGENCY:**

If a result of post payment audit any over payment is detected in respect of any supply/work done by the supplier Agency or alleged to have been done by the Agency under this Tender Enquiry, it shall be recovered by the Institution from the Agency and Agency is liable to be deposit back the excess extra amount received by them from their agreeable amount as per Purchase Order/Work Order from AIIA DELHI within 30 days' time period as and when they will receive written request from AIIA DELHI in this connection.

**36. UNDER PAYMENT TO BE MADE TO SUPPLIER AGENCY:**

If a result of post payment audit any under payment is detected in respect of any supply/work done by the supplier Agency under this Tender Enquiry, it shall be duly paid by the Institution to the concerned Supplier Agency.

**37. RESPONSIBILITY OF SUPPLIER AGENCY FOR PROVIDING COPIES OF RELVANT RECORDS:**

The Supplier Agency shall provide the copies of relevant records during the period of contract or otherwise even after the contract is over as and when asked by AIIA, DELHI.

No bidder/or his representative shall bring or attempt to bring any political or other outside influence to bear upon any superior authority or hospital functionaries to further this business interest. In doing so, tender of the concerned bidder will be rejected without assigning any reason.

**38. SERVICE SUPPORT AND REDRESSEAL OF COMPLAINT:** All Bidders have to provide a dedicated/Toll free No. for service support and an Escalation Matrix along with Name, Designation and Mobile number of contact person.

39. **SUBMISSION OF MORE THAN ONE OFFER:** Bidders are not allowed to participate in the with more than one offer. If it is notice at any stage of the tender process that any bidder has participated in this tender through more than one offer in the capacity of Director/ Proprietor/Partnership in other firms, both bids will be cancelled and firms will be debarred.

40. **BID EVALUATION CRITERIA:**

- (i) All the bidder shall be primarily evaluated on pre-qualification criterion viz having submitted all relevant documents, fulfilling statutory obligations/compliance, Experience, Turnover etc.
- (ii) Bidders fulfilling PQC conditions will be evaluated on technical parameters.
- (iii) Technically qualified bidders will be considered for financial evaluation.
- (iv) Financial Evaluation will be done on the basis of rate quoted for item along with 3-year onsite warranty and cumulative rate for 3 years extended (i.e. 4<sup>th</sup> to 6<sup>th</sup> year) warranty/CMC. Price quoted shall be considered final including all taxes/charges etc. as indicated in Bid document.
- (v) For the supply of Spares/ Consumables/Optional Accessories, if any, the selected bidder (L1) shall be bound to supply these items on the lowest rate quoted by any of technically qualified bidder.

41. **EXCLUSIVE RIGHT:**

The Director, AIIA DELHI, India has the full and exclusive right to accept or reject, increase or decrease order quantity, any or all the tenders without assigning any reasons and also to cancel the supply at any time without assigning any reason.





## Chapter-IV

### ELIGIBILITY CRITERIA

1 Physical Experience of having successfully completed similar works towards supplies and installation of Multi-Cam Studio Setups in Central Government/ State Government/ PSU/ Private Sector/ Universities/ Reputed Higher Educational Institution during last seven years ending previous day of last date of submission of bid. Vendor should have experience of doing business sales, service and integration in TV channels (proof of having executed such work should be attached). Copy of purchase order or contract / Completion Certificate/ Satisfactory report from Client, duly attested by bidder should be enclosed along with the Technical Bid.

2 General Bidders shall bid for Turnkey Supply, Installation, Testing, Commissioning & Training for the required Multi-Cam Studio & Post Production Setup including Acoustics, Furniture & Aesthetics customized to available site conditions provided by AIIA. OEM of the offered equipment should be internationally reputed Branded Company. The bidder should be a single Company. No consortium is allowed.”

3.The bidder must enclose a certificate that the Organization has not been black listed by any institution of the Central/ State / PSU/ University/ Institute etc. in the past three years.

4. Bidder must have a good service center in NCR with sufficient number of on-site service engineers in NCR.” Vendor shall be responsible for providing training to staff of AIIA, for two weeks’ minimum, regarding complete wiring, connections, operations and understanding of equipment. Vendor should ensure professional training to AIIA staff for recording sessions at AIIA for two weeks and make sure AIIA staff has become capable to shoot and make recordings without any external help.

5 The vendor should have experience of handling of Broadcast equipment of minimum 3 years.

### Financial

The firm should have average annual financial turnover of at least Rs.50.00 lakh during the preceding last 3 consecutive financial years. Copies of the audited balance sheet of the vendor/bidder for the last three financial years.

### PART “B” (Technical Bid Document)

i. OEM Authorization Letters along with Table of Compliance for Technical Parameters, Duly Signed and Stamped by OEM for following major equipment’s have to be provided; PTZ Camera System, Teleprompter, Visualizer/Document Camera System, Video Production Switchers, Interactive Display, Trackless Virtual Studio System, Streaming Device, Centralized Storage System, OEM MAF for Audio product like microphones, mixer, amplifier, etc. in studio and controller room

ii. Bids without above Authorization Letters & Table of Compliance for Technical Parameters from OEM will be Summarily Rejected.

iii. Ink signed and stamped Table of Compliance for Technical Specifications of all equipment other than Major Equipment (as specified above), shall be provided by the bidder along with Technical Bid.

- iv. Check List for PART “B”; i. Copy of registration of GST. ii. Copy of Trade License, Factory License/Excise Registration
- v. Copy of Income Tax Permanent Account Number
- vi. Copy of Memorandum and Article of Association, Certificate of Incorporation, Partnership Deed, Registration Certificate issued by the Registrar of Firms etc.
- vii. Copy of Authorization for Participation in subject bid (not required in case of Proprietorship firm).

viii. Authorization certificate and technical compliance from the Original Equipment Manufacturer (OEM) for major equipment as specified above.

ix. Table of Compliance for Technical Specifications of all equipment other than Major Equipment (as specified above).

x. AIIA, can check the authenticity of the Technical Catalogue/Product Specification Sheet from the OEM website or can ask for a duly authenticated copy of the same by OEM.

PART "C" (Financial Bid Document) i. The PART "C" shall contain the tender documents and information related to the schedule of quantities quoting the rates per Unit/Price etc. of the item pertaining to the Financial Bid on the Financial Bid document, issued by AIIA, along with the tender document. ii. Bidder shall also quote for CAMC charges for 3rd, 4th and 5th year after Expiry of Standard Warranty of 36 months. CAMC charges will not be considered for evaluation of L1/Lowest Bid criteria. iii. All columns shall be duly filled in with specific information on the cost involved. iv. The rates for the items shall be quoted in Indian Rupees.

SECTION IV-SCOPE OF WORK & BILL OF QUANTITY(BOQ) The Selected Bidder shall supply, install and commission the procured hardware Devices as per the scope. The Bidder shall also be responsible for loading and installing any applications or data provided by AIIA on the hardware before offering the same for Pre-Dispatch Inspection. The content shall be provided before signing of the Agreement. The selected bidder shall have to supply, install and commission the requisite quantity of the procured hardware at the mentioned locations at its own cost.



## Criteria 2 - Financial Standing - under all conditions

- a) The average annual financial turnover of 'The bidder' during the last three years, ending on 31<sup>st</sup> March of the previous financial year 2022-23, or relevant period, duly authenticated by a Chartered Accountant/Cost Accountant in India.

### Applicability in Special Cases:

- b) Applicability to 'Make in India: Bidders (manufacturer or principal of authorized representative) who have a valid/approved ongoing 'Make in India' agreement/program and who while meeting all other criteria above, except for any or more of sub-criteria in Experience and Past Performance above, would also be considered to be qualified provided:
- (i) Their foreign 'Make-in-India' associates meet all the criteria above without exemption, and
  - (ii) The Bidder submits appropriate documentary proof for a valid/approved ongoing 'Make in India' agreement/program.
  - (iii) The bidder (manufacturer or principal of authorized representative) furnishes along with the bid a legally enforceable undertaking jointly executed by himself and such foreign Manufacturer for satisfactory manufacture, Supply (and erection, commissioning if applicable) and performance of 'The Product' offered including all warranty obligations as per the general and special conditions of contract.
- c) Authorized Representatives: Bids of bidders quoting as authorized representative of a
- d) **Supporting documents submitted by the bidder must be certified as follows:**
- (i) All copy of supply/work order; respective completion certificate and contact details of clients; documents issued by the relevant Industries Department/National Small Industries Corporation (NSIC)/manufacturing license; annual report, etc., in support of experience, past performance and capacity/capability should be authenticated by the by the person authorized to sign the tender on behalf of the bidder. Original Documents must be submitted for inspection, if so demanded.
  - (ii) All financial standing data should be certified by certified accountants, for example, Chartered Accountants/Cost Accountants or equivalent in relevant countries; and Indian bidder or Indian counterparts of foreign bidders should furnish their Permanent Account Number. Singed and attested legible scanned copies of at least three Numbers of Previous Purchase Order Copies for each of participating item, which has been supplied to various reputed Government Hospitals/Institutions/PSU's/Other reputed Hospitals/Institutions in India in last Three Financial Years in Chronological Order from FY-2020-2021 to FY-2022-2023 for pre-qualification bid evaluation purpose.
1. Signed copy of duly filled-in PFMS Form of AIIA, DELHI in the format given at **Annexure-IX**.



## SECTION V - TECHNICAL SPECIFICATIONS

### Video Studio Acoustic

Video Studio(30X18X12) acoustic Providing fixing wooden frame work of size 50mm x 27.5 mm frame shall fixed to wall for low frequency treatment shall be comprised with 18mm HDF as a facing materials 50mm thick 48 kg/cubic feet density thermal insulations with resin bonded rock wool supported with as absorbing material fixed with wooden frame For control the reverberation time of complete bandwidth of sound for auditorium , providing & fixing of 50 mm thick .thermal resin bonded Rock wool of density 48kg / c meter with thin fabric for holding the rock wool of frame work, wall acoustics final

### Chroma Set

Chroma setup is a setting in which in front of a solid color, that is setting up a green or blue backdrop that is prepared using color fabric or painted wall, we film a person or we can add visual effects in front of it. Following shooting against a chroma backdrop we can remove or key out that color from the scene during the process of post production, replacing it with the background or visuals of our choice. This process is considered as the Chroma Setup or Green Screen setup.

In movies, TVC's we see highly commendable visual effects job by the makers or post production. This seems like a lot of effort and usage of highly advanced and expensive framework. Which seems like it can be out of our budget or our **filming** skills. We might not need the shadow of a million-dollar movie studio but some really budget friendly techniques to access this setup

### Real Set

Providing and fixing of designer anchor table with laminate finish and proper edge binding in suitable ply.

### Studio PVC Flooring

Providing & Laying of 2MM Thick PVC Flooring in Studio Area

### Anchor Table

Providing and fixing of designer anchor table with laminate finish and proper edge binding in suitable ply.

### High Density Acoustic Door

Providing and fixing of 55MM thick single leaf acoustic door of 2100x1050 with vision panel of and the door hardware including door closer, handle, lock and a door stopper

### Lighting Grid

Providing and fixing of acoustic grid ceiling (600x600x20) with 15mm superfine 32 WH grid system and support as required at the height as per the drawing inst. of engineer incharge

### Studio Video Camera

#### Specifications

#### General

Power: DC 7.28 V (when the battery is used)

DC 12 V (when the AC adaptor is used)

Power Consumption: 17 W (when the LCD monitor is used)

11.5 W (1080i / 422ALL-I 100M recording, when the LCD monitor is used, no external device connection)

Operating Temperature: 0 °C to 40 °C (32 °F to 104 °F)

Operating Humidity: 10 % to 80 % (no condensation)

Weight: Body: approx. 1.9 kg (4.19 lb)

(body only, excluding lens hood, battery, and accessories)  
Shooting: approx. 2.3 kg (5.07 lb)  
(including lens hood, battery, and microphone holder)  
Dimensions: 180 mm (W) x 173 mm (H) x 311 mm (D)  
(7-1/8 inches x 6-13/16 inches x 12-1/4 inches)  
(excluding protrusion and eye cup)

### Camera Unit

Pickup Device: 1.0-type (effective size) MOS solid state image sensor  
Effective Pixels: 15,030,000 pixel  
Lens: Optical image stabilizer lens, optical 20x motorized zoom  
F value: F2.8 to F4.5  
Focal length:  $f=8.8$  mm to 176 mm  
35 mm equivalent: 24.5 mm to 490 mm  
Filter Diameter: 67 mm  
ND Filter: Clear, 1/4, 1/16, 1/64  
IR Filter: Incorporates the ON/OFF control function  
Shortest Shooting Distance (M.O.D.):  
Approx. 10 cm (W), 1.0 m (T) from the front lens  
Gain Setting: L/M/H selector switch  
-3 dB to 18 dB (Adjustable in 1 dB steps)  
24dB, 30 dB, 36 dB switched  
(when assigning [S. GAIN] to the USER button)  
Color Temperature Setting:  
ATW, ATW LOCK, A ch, B ch,  
preset 3200 K/preset 5600 K/VAR (2000 K to 15000 K)  
Shutter Speed: When [SYSTEM MODE] = 59.94 Hz  
• 59.94i/59.94p mode:  
1/60 sec. (shutter off), 1/100 sec., 1/120 sec., 1/250 sec.,  
1/500 sec., 1/1000 sec., 1/2000 sec., 1/4000 sec.,  
1/8000 sec., 1/10000 sec.  
• 29.97p mode:  
1/30 sec., 1/50 sec. (shutter off), 1/60 sec., 1/100 sec.,  
1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec.,  
1/4000 sec., 1/8000 sec., 1/10000 sec.  
• 23.98p mode:  
1/24 sec., 1/48 sec., 1/50 sec. (shutter off), 1/60 sec.,  
1/100 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec.,  
1/2000 sec., 1/4000 sec., 1/8000 sec., 1/10000 sec.  
When [SYSTEM MODE] = 50.00 Hz  
• 50i/50p mode:  
1/50 sec. (shutter off), 1/60 sec., 1/100 sec., 1/120 sec.,  
1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec.,  
1/4000 sec., 1/8000 sec., 1/10000 sec.  
• 25p mode:  
1/25 sec., 1/50 sec. (shutter off), 1/60 sec., 1/100 sec.,  
1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec.,  
1/4000 sec., 1/8000 sec., 1/10000 sec.  
Shutter Speed: When [SYSTEM MODE] = 59.94 Hz  
(Slow Shutter) • 59.94i/59.94p mode: 1/1 sec., 1/2 sec., 1/4 sec., 1/6 sec.,  
1/15 sec., 1/30 sec.  
• 29.97p mode: 1/1 sec., 1/2 sec., 1/4 sec., 1/6 sec., 1/15 sec.  
• 23.98p mode: 1/1 sec., 1/2 sec., 1/4 sec., 1/6 sec., 1/12 sec.  
When [SYSTEM MODE] = 50.00 Hz



- 50i/50p mode: 1/1 sec., 1/2 sec., 1/4 sec., 1/6 sec., 1/12 sec., 1/25 sec.
- 25p mode: 1/1 sec., 1/2 sec., 1/4 sec., 1/6 sec., 1/12 sec.

Shutter Speed: When [SYSTEM MODE] = 59.94 Hz  
(Synchro Scan) • 59.94i/59.94p mode: 1/60.0 sec. to 1/7200 sec.

- 29.97p mode: 1/30.0 sec. to 1/7200 sec.
- 23.98p mode: 1/24.0 sec. to 1/7200 sec.

When [SYSTEM MODE] = 50.00 Hz

- 50i/50p mode: 1/50.0 sec. to 1/7200 sec.
- 25p mode: 1/25.0 sec. to 1/7200 sec.

Shutter Open Angle: 3.0 deg to 180.0 deg to 360.0 deg (in 0.5 deg steps)

VFR Recording Frame Rate:

When [SYSTEM MODE] = 59.94 Hz  
1, 2, 4, 6, 9, 12, 15, 18, 20, 21, 22, 24, 25, 26, 27, 28, 30, 32, 34, 36, 40, 44, 48, 54, 60 (fps)

When [SYSTEM MODE] = 50.00 Hz  
1, 2, 4, 6, 9, 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50 (fps)

Super Slow Recording:

When [SYSTEM MODE] = 59.94 Hz  
1920 x 1080 (FHD): shooting frame rate 120 fps

When [SYSTEM MODE] = 50.00 Hz  
1920 x 1080 (FHD): shooting frame rate 100 fps

Sensitivity: When [HIGH SENS.] mode  
F12 (2000 lx, 3200 K, 89.9 % reflect, 2160/59.94p, 1080/59.94i)  
F13 (2000 lx, 3200 K, 89.9 % reflect, 2160/50p, 1080/50i)

Horizontal Resolution: 2000 TV or higher (UHD: center)  
1000 TV or higher (FHD: center)

i.Zoom: ×32 (FHD), ×24 (UHD)  
Digital Zoom: ×2/×5/×10  
Lens Hood: Hood with lens cover

### Memory Card Recorder

Recording Media: SDHC memory card (4 GB to 32 GB),  
SDXC memory card (32 GB to 128 GB)  
UHS-I/UHS-II UHS Speed Class3 supported,  
Video Speed Class V90 supported  
microP2 card (A series, B series)  
Please see back cover for the “Available Memory Card” table.  
Recording Slot: microP2/SDXC UHS-II card slot x 2  
Recording Pixels: 3840 × 2160 (UHD), 1920 × 1080 (FHD), 1280 × 720 (HD),  
720 × 480(SD), 720 × 576 (SD)  
System Frequency: 59.94 Hz/50.00 Hz  
Recording File Format: MOV (AVC), MOV (HEVC), AVCHD  
Recording Format: Please see page 4 for the “Recording Format” table.  
Recording Time: Please see back cover for the “Recording Time” table.  
2 Slot Functions: Relay Rec, Simultaneous Rec, Background Rec  
Special Recording Functions:  
Pre Rec, Interval Rec, Time Stamp

### Digital Video

Quantization: MOV: 4:2:2 10 bit/4:2:0 8 bit/4:2:0 10 bit (HEVC)  
AVCHD: 4:2:0 8 bit  
Video Compression Format:



H.264/MPEG-4 AVC High Profile  
H.265/MPEG-H HEVC Main10 Profile

### Digital Audio

Recording Audio Signal: MOV: 48 kHz/24 bit, 2 ch, Linear PCM  
AVCHD: 48 kHz/16 bit, 2 ch, Dolby Audio™  
Headroom: 12 dB/18 dB/20 dB switchable (menu)

### Live Streaming

Video Compression Format:  
H.264/MPEG-4 AVC Main Profile, High Profile  
Audio Compression Format:  
AAC-LC  
Network Protocol: RTSP/RTP/RTMP

### Video Output

SDI OUT: BNC x 1, SDI REC REMOTE supported  
HD: 0.8 V [p-p], 75 Ω SD: 0.8 V [p-p], 75 Ω,  
Output format (4:2:2 10 bit):  
• 1920 × 1080: 59.94p, 50p, 59.94i, 50i,  
29.97Psf, 25Psf, 23.98PsF  
• 1280 × 720: 59.94p, 50p  
• 720 × 480: 59.94i • 720 × 576: 50i  
HDMI OUT : HDMI x 1, Type A, HDMI REC REMOTE supported,  
VIERA Link not supported  
Output format (4:2:2 10 bit):  
• 3840 × 2160: 59.94p, 50p, 29.97p, 25p, 23.98p  
• 1920 × 1080: 59.94p, 50p, 59.94i, 50i, 29.97p, 25p, 23.98p  
• 1280 × 720: 59.94p, 50p  
• 720 × 480: 59.94p • 720 × 576: 50p  
VIDEO OUT: 3.5 mm diameter mini jack, composite 1.0 V [p-p], 75 Ω

### Audio Input/Output

Built-in Microphone: Stereo microphone  
Input 1/2: XLR (3-pin) x 2 (INPUT1, INPUT2)  
Input high impedance, LINE/MIC/MIC+48V (switchable SW)  
MIC: -40 dBu/-50 dBu/-60 dBu (switchable menu)  
LINE: +4 dBu/0 dBu (switchable menu)  
SDI OUT: Linear PCM 2 ch  
HDMI OUT: Linear PCM 2 ch  
Headphone: 3.5 mm diameter stereo mini jack x 1  
AV OUT: 3.5 mm diameter stereo mini jack x 1,  
Output level: 600 Ω, 316 mV  
Speaker: 20 mm diameter, round x 1

### Other Input/Output

TC IN/OUT: BNC x 1,  
Used as the input and output terminals (switchable menu)  
Input: 1.0 V to 4.0 V [p-p] 10 KΩ  
Output: 2.0 V ± 0.5 V [p-p] low impedance  
REMOTE: 2.5 mm diameter super mini jack  
LAN: RJ-45: 1000BASE-T/100BASE-TX/10BASE-T  
USB 2.0 HOST: Type-A, 4-pin (5 V, 0.5 A) for Wireless Module (option)

USB 3.0 DEVICE: USB 3.1 GEN1 Type-C, USB Mass storage function  
No USB bus power function  
DC IN 12V: DC 12 V EIAJ Type 4

### **Monitor/Viewfinder**

LCD Monitor: 3.5 type TFTLCD color monitor (3:2),  
approx. 1,620,000 dots, Touch panel  
video display (16: 9) area: Approx. 1,370,000 dots  
Viewfinder: 0.39 type OLED (organic EL display), approx. 2,360,000 dots,  
video display (16: 9) area: approx. 1,770,000 dots

### **Included Accessories**

Battery (AG-VBR59), Battery charger (AG-BRD50), AC adaptor, AC cable, Microphone holder kit, Shoulder strap, Eye cup, Lens hood\*, Grip belt\* and Operating instructions (Items marked by an asterisk (\*) come already attached to the camera)

### **Video Camera Tripod Set**

#### **Specifications:**

Material :Aluminum alloy Legs tube diameter: 16-16-22mm / 0.63-0.63-0.87inTube thickness: 1.2mm / 0.048 inMaximum load-bearing:15kg / 33.07 lbAttachment: 1/4" screw, 3/8" screwMin height:53cm/20.87inMax height:170cm/66.92inStorage height:84.5cm/33.27inWeight:5.1kg/11.24lbLegs section:3Head type:MYT803Bowl size:75mm/2.95inHead height:25cm/9.84in

### **Heavy Duty Tripod For Telepromptor**

#### **Specifications:**

Payload : 30KG  
Weight : 10.9KG  
Grades of drag : 0-7  
Height range : 770-1770mm  
Head fitting : 100mm  
Tilt range : +90° / -75°  
Counterbalance : 0-7  
Material : Carbon Fiber

Wireless Lpel Microphone

PRODUCT SPECIFICATION

FEATURES

- Engineered for professional live sound:  
Rugged all-in-one wireless system for presenters and moderators.
- Robust bodypack transmitter and unobtrusive clip-on microphone (omni-directional) (cardioid) with high speech intelligibility for daily use on stage
- True diversity half-rack receiver in a full-metal housing with intuitive LCD display for full control
- Easy and flexible wireless synchronization between transmitter and receiver via infrared
- Fast frequency allocation for up to 12 receivers via new

linking functionality

- Up to 20 compatible channels
- Up to 42 MHz bandwidth with 1680 selectable frequencies, fully tunable in a stable UHF range
- Transmission Range: up to 100 meters / 300 feet
- High RF output power (up to 30 mw) depending on country regulations

### **RF characteristics**

Modulation Wideband FM

Frequency ranges A1: 470 - 516 MHz

A: 516 - 558 MHz

AS: 520 - 558 MHz

G: 566 - 608 MHz

GB: 606 - 648 MHz

B: 626 - 668 MHz

C: 734 - 776 MHz

D: 780 - 822 MHz

E: 823 - 865 MHz

JB: 806 - 810 MHz

K+: 925 - 937.5 MHz

1G8: 1785 - 1800 MHz

Receiving frequencies Max. 1680 receiving frequencies, adjustable in 25 kHz steps

20 frequency banks, each with up to 12 factory-preset channels, no intermodulation

1 frequency bank with up to 12 programmable channels

Switching bandwidth up to 42 MHz

Nominal/peak deviation }24 kHz / }48 kHz

Receiver principle True diversity

Sensitivity (with HDX, peak deviation)

< 2.5  $\mu$ V for 52 dBA eff S/N

Adjacent channel selection Typically  $\geq$  65 dB

Intermodulation attenuation

Typically  $\geq$  65 dB

Blocking  $\geq$  70 dB

Squelch low: 5 dB $\mu$ V

middle: 15 dB $\mu$ V

high: 25 dB $\mu$ V

Pilot tone squelch Can be switched off

Antenna inputs 2 BNC sockets

### **AF characteristics**

Compander system HDX

EQ presets (switchable, act on line and monitor outputs)

Preset 1: Flat

Preset 2:

Low Cut (-3 dB at 180 Hz)



Preset 3:

Low Cut/High Boost

(-3 dB at 180 Hz,

+6 dB at 10 kHz)

Preset 4:

High Boost

(+6 dB at 10 kHz)

Signal-to-noise ratio (1 mV,

peak deviation)

≥ 110 dBA

Total harmonic distortion

(THD)

≤ 0.9 %

AF output voltage (at peak

deviation, 1 kHz AF)

6.3 mm jack socket

(unbalanced): +12 dBu

XLR socket

(balanced): +18 dBu

Setting range "AF Out" 48 dB (3 dB steps)

### Overall device

Temperature range -10 °C to +55 °C

Power supply 12 V DC

Current consumption 300 mA

Dimensions Approx. 190 x 212 x 43 mm

Weight Approx. 980 g

DC IN 12V/300mA DC IN 12V/300mAATA

### RF characteristics

Modulation Wideband FM

Frequency ranges A1: 470 - 516 MHz

A: 516 - 558 MHz

A10: 516 - 558 MHz

AS: 520 - 558 MHz

G: 566 - 608 MHz

GB: 606 - 648 MHz

B: 626 - 668 MHz

B10: 626 - 668 MHz

C: 734 - 776 MHz

D: 780 - 822 MHz

JB: 806 - 810 MHz

E: 823 - 865 MHz

K+: 925 - 937,5 MHz

1G8: 1785 - 1800 MHz

Transmission frequencies Max. 1680 receiving

frequencies, adjustable in

25 kHz steps

20 frequency banks, each

with up to 12 factory-preset

channels, no intermodulation

1 frequency bank with up to

12 programmable channels

Switching bandwidth up to 42 MHz

Nominal/peak deviation }24 kHz / }48 kHz  
Frequency stability  $\leq$  }15 ppm  
RF output power at 50  $\Omega$  Max. 30 mW  
Pilot tone squelch Can be switched off

#### **AF characteristics**

Compander system HDX  
AF frequency response Mic: 80 – 18,000 Hz  
Line: 25 – 18,000 Hz  
Signal-to-noise ratio (1 mV,  
peak deviation)  
 $\geq$  110 dBA  
Total harmonic distortion  
(THD)  
 $\leq$  0.9 %  
Max. microphone/line  
input voltage  
3 V<sub>eff</sub>  
Microphone/line input  
impedance  
40 k $\Omega$ , unbalanced / 1 M $\Omega$   
Input capacitance Switchable  
Setting range for input  
sensitivity  
60 dB,  
adjustable in 3 dB steps

#### **Overall device**

Temperature range -10 °C to +55 °C  
Power supply 2 AA batteries, 1.5 V or  
BA 2015 accupack  
Nominal voltage 3 V battery /  
2.4 V rechargeable battery  
Current consumption at nominal voltage:  
typ. 180 mA  
with transmitter switched  
off:  $\leq$  25  $\mu$ A  
Operating time Typically 8 h  
Dimensions Approx. 82 x 64 x 24 mm  
Weight (incl. batteries) approx. 160 g  
A-weighted (DIN IEC 651)  
31 dB  
Connector 3.5 mm jack  
Cable length approx. 1.60 m  
Supply voltage 7.5 V

#### **Professional Studio Teleprompter**

Perfect for studios, the Pro Series Studio Teleprompter has an ergonomic, lightweight design, ultra-clear glass and is excellent value for money. It is easy to assemble as it is tool-less, with a user-friendly menu. Comes with 'flip mirror' feature as standard, and provides the reverse view automatically. The PRO Series Studio Teleprompter also supports any camera size, Mini DV to ENG/HD, and all Studio System Cameras. INCLUDED IN THE PACKAGE • LCD Prompter Monitor • Teleprompter Hood • 70/30 Teleprompter Glass • Software • Professional Quick Release Plate • Mechanical Construction

### **Studio Light Panel**

High quality LED Soft panel light with wide beam spread of 120 Degree provided with high purity parameters like CRI, TLCI & R9 Values above 96, Studio quality dimming from 100% ~ 0% along with Manual, DmX and Standalone modes of operation. Light is ideal to be used for Tv Studios Chroma and Anchor lighting application, Photography use, Film, Fiction requirement and multipurpose requirements.

#### **Electrical & Power:**

- Power Consumption 110W
- Input Voltage AC 90V ~ 240V, 50Hz

#### **Optical Arrangement:**

- Beam Angle 120° Spread
- No Lens, Shiny Diffuser

#### **Lamp Source:**

- LED SMD Lamp Source
- CCT 3200K ~ 5600K Variable
- 224 x 0.5W Surface Mounted LED's
- Colour Rendering Index 98+
- Tel. Lighting Consistency Index 97+
- R9 Value 95+
- 50,000 Hours Burning life

#### **Physical & Construction:**

- Dimension 345 x 330 x 96mm
- Weight 4.5 Kgs/ 9.90 lbs
- Power Loop In and Out
- Ingress Protection IP20 Rated
- Aluminium Body with Black Powder coated finish
- LCD Easy View Display
- Inbuilt Barndoor arrangement

#### **Control:**

- DmX 512 Through 5 Pin XLR
- 2/5 Channel DmX Control
- Manual Mode Operation

#### **Others:**

- Working Temperature +45° ~ -25°
- Rigid heat sink, No Fan
- Compatible for High Speed Photography 10K FPS
- Flicker Free & Green tone free

#### **Talkback System**

Tally 2 x 15 Pin DSub Sockets for Tally A and B  
MIC / Headset 3.5 mm Stereo Jack Socket for Headphone / Microphone combination  
Headset Impedance 8-600 Ohms 100 mW (min)  
Headphone ¼" (6.3mm) Stereo Headphone Socket  
Headset Impedance 8-600 Ohms 100 mW (min)  
Light Socket (DC 12 V)  
3 PIN XLR Connector  
PIN 2: 12V  
PIN 3: GND  
Light Power Consumption: 12 V / 100 mA (MAX.)  
Microphone  
3 PIN XLR / ¼" (6.3mm) Jack Microphone Socket



Switchable Condenser / Dynamic Input  
 Microphone Level -67 dB  
 Frequency Response 550-3.6 kHz, <+/- 3dB  
 THD < 3%  
 S/N > 50dB  
 Built-in Speaker 70mm x 30mm 32 Ohm 3 Watts  
 Operating Range Up to 200 meters between base station and slave  
 Operating Temp. Range 0~40 °C  
 Dimension (LxWxH) 482 x 127 x 46 mm  
 Weight 1.9 kg  
 Power DC 12V, 8W

**Ancher Ear Set**

Complete earset  
 Includes RTV-04, CMT-98, ET-4. 125Ω, 5' (1.5M) cord, and ¼" plug.

<b>Connector Options</b>	1/4-inch
--------------------------	----------

**LED Wall**

**Screen Size**139.7cm (55)**Panel Technology**IPS  
**Aspect Ratio**16 : 9**Native Resolution**1,920 x 1,080 (FHD)  
**Brightness(Typ.,cd/m²)**500**Contrast Ratio**1,200:1  
**Dynamic CR**500,000 : 1**Viewing Angle (H x V)**178 x 178  
**Response Time**8 ms(G to G)**Surface Treatment**Haze 3%  
**Life time (Typ.)**60,000 Hrs**Operation Hours**24 Hrs  
**Orientation** Landscape & Portrait

**CONNECTIVITY**

**Input** HDMI(2), DP, DVI-D, Audio, USB **Output** DP, Audio  
**External Control**RS232C In/out, RJ45 In/out, IR In

**MECHANICAL SPECIFICATION**

**Monitor Dimension (W × H ×D)**1,213.4 x 684.2 x 93.1 mm**Weight (Head)**20.3kg  
**Carton Dimensions (W × H ×D)**1,353 x 980 x 263 mm**Packed Weight**33kg  
**Handle**Yes**VESA™ Standard Mount Interface**

**ENVIRONMENT CONDITIONS**

**Operation Temperature**0 °C to 40 °C**Operation Humidity**10 % to 80 %

**POWER**

**Power Supply**100-240V~, 50/60Hz**Power Type** Built-in Power

**POWER CONSUMPTION**

**Typ. / Max.**130 W / 150 W**Smart Energy Saving**62 W

**CERTIFICATION**

**Safety** CB / NRTL**EMC**FCC Class "A" / CE / KC  
**ErP / Energy Star** Yes(EU Only) / Energy Star 8.0

**SOFTWARE COMPATIBILITY**

**Content Management Software** Super Sign CMS **Control and Monitoring Software** Super Sign  
 Control/Control+

## Video Switcher

High definition live production switcher packed with advanced features! The design includes 20 standards converted 3G-SDI inputs and 12 independent 3G-SDI aux outputs! It also includes a USB webcam output, Super Source processor, DVEs, Chroma keyers, media players, multiviews and more! You even get built in talkback and a professional built in airlight audio mixer with EQ and dynamics!

### Product Technical Specifications

Standards

#### SD Video Standards

None

#### HD Video Standards

720p50, 720p59.94, 720p60

1080i50, 1080i59.94, 1080i60

1080p23.98, 1080p24, 1080p25,

1080p29.97, 1080p30, 1080p50,

1080p59.94, 1080p60

#### SDI Compliance

SMPTE 292M, SMPTE 296M,

SMPTE 424M, SMPTE 425M level A  
and B.

#### Video Sampling

4:2:2

#### Color Precision

10-bit.

#### Color Space

REC 709

#### SDI Auto Switching

Automatically detects between 1.5GSDI  
and level A or level B 3G-SDI.

Product Specifics

#### Upstream Keyers

8

#### Downstream Keyers

2

#### Advanced Chroma Keyers

8

#### SuperSource

1

#### Talkback Support

Yes

#### Mix Minus Support

Yes

#### Linear/Luma Keyers

11

#### Transition Keyer (Stinger/DVE)

2 Stinger, 2 DVE.

#### Total Number of Layers

15

#### Pattern Generators

11

#### Color Generators

2

#### Control Panel

Front fascia emergency switching,  
software or optional hardware panel.

**Routable Windows**

32

**Tally**

Red for program and green for  
preview indication.

**Windows Source Labels**

Yes

**Multi View Monitoring**

**Multi View Monitoring**

2 x multi views each configurable to  
16, 13, 10, 7 or 4 up views. Includes  
monitoring of Program, Preview,  
Inputs, Media Players, M/Es, DSKs,  
SuperSource, Clean Feed with  
optional labels and audio meters.

**Multi View Video Standard**

HD

**Display Minimum Resolution**

1366 x 768

Media Player

**Media Players**

2

**Channels**

Fill and key for each media player.

**Media Pool Still Image Capacity**

40

**Media Pool Clip Capacity**

2 x up to 1080p60.

**Media Player Clip Length in 720 HD**

800 frames.

**Media Player Clip Length in 1080 HD**

400 frames.

**Media Pool Still Image Format**

PNG, TGA, BMP, GIF, JPEG and TIFF.

**Media Pool Video File Format**

TGA Sequence.

**Media Pool Audio File Format**

WAV, MP3 and AIFF.

Display

**Front panel**

Built in 2.2 inch LCD monitor for  
video, 22 LED buttons for setup and  
emergency switching, 8 source  
buttons, 4 transition buttons, 6  
talkback selection and mix buttons,  
menu control knob and set button,  
front panel lock button.

Processing

**Processing Delay**

< 10 lines.

**Audio Mixer**

48 Channel mixer



Selectable On/Off/Audio-Follow-Video.

Level and Peak metering.

Master gain control.

6 band parametric EQ, Dynamics including Expander, Gate, Compressor and Limiter.

**Down Conversion**

None

Software

**Control Panel Included**

ATEM Software Control Panel included free for Mac 11.11 Big Sur, Mac 12 Monterey or later and Windows 10 or 11.

**Software Updates**

Using USB or Ethernet connection directly connected to Mac OS or Windows computers. Includes ATEM Setup Utility.

**Configuration**

Set via ATEM Software Control Panel, excluding ATEM chassis IP address which is set via the ATEM Setup Utility connected via USB to chassis.

Operating Systems

Mac 11.1 Big Sur,

Mac 12.0 Monterey or later.

Windows 10 and 11.

Power Requirements

**Power Supply**

1 x Internal 100 - 240 AC.

**Power Usage**

52W

Physical Specifications

Physical Installation

**Physical Installation**

1 Rack Unit Size.

Environmental Specifications

**Operating Temperature**

0° to 40° C (32° to 104° F)

**Storage Temperature**

-20° to 60° C (-4° to 140° F)

**Relative Humidity**

0% to 90% non-condensing

**Audio Mixer**

General Specifications 0 dBu = 0.775 Vrms, Output impedance of signal generator (Rs) = 150 Ω All level controls are nominal if not specified. \*1 Noise is measured with A-weighting filter. \*2 Crosstalk is measured with 1 kHz band pass filter. The contents of this manual apply to the latest specifications as of the publishing date. To obtain the latest manual, access the website then download the manual file. Frequency Response Input to STEREO OUT +0.5 dB/-1.5 dB (20 Hz to 48 kHz), refer to the nominal output level @ 1 kHz, GAIN knob: Min Total Harmonic Distortion (THD+N) Input to STEREO OUT 0.03 % @ +14 dBu (20 Hz to 20 kHz), GAIN knob: Min 0.005 % @ +24 dBu (1 kHz), GAIN knob: Min

Hum & Noise \*1 (20 Hz to 20 kHz) Equivalent Input Noise -128 dBu (Mono Input Channel, Rs: 150 Ω, GAIN knob: Max) Residual Output Noise -102 dBu (STEREO OUT, STEREO master fader: Min) Crosstalk(1 kHz) \*2 -78 dB Input Channels 16 channels: Mono [MIC/LINE]: 8, Mono/Stereo [MIC/LINE]: 2, Stereo [LINE]: 2 Output Channels STEREO OUT: 2, PHONES: 1, MONITOR OUT: 1, AUX SEND: 4, GROUP OUT: 4 Bus STEREO: 1, GROUP: 4, AUX: 4 (MG16XU/MG16X: incl. FX) Input Channel Function PAD CH 1 – CH 8 26 dB HPF CH 1 – CH 8, CH 9/10 (MIC), CH 11/12 (MIC) 80 Hz, 12 dB/oct COMP CH 1 – CH 8 1 knob compressor (Gain/Threshold/Ratio) Threshold: +22 dBu to -8 dBu, Ratio: 1:1 to 4:1, Output level: 0 dB to 7 dB, Attack time: approx. 25 msec, Release time: approx. 300 msec EQ CH 1 – CH 8 HIGH: Gain: +15 dB/-15 dB, Frequency: 10 kHz shelving MID: Gain: +15 dB/-15 dB, Frequency: 250 Hz to 5 kHz peaking LOW: Gain: +15 dB/-15 dB, Frequency: 100 Hz shelving CH 9/10 – CH 15/16 HIGH: Gain: +15 dB/-15 dB, Frequency: 10 kHz shelving MID: Gain: +15 dB/-15 dB, Frequency: 2.5 kHz peaking LOW: Gain: +15 dB/-15 dB, Frequency: 100 Hz shelving PEAK LED CH 1 – CH 11/12 LED turns on when post EQ signal reaches 3 dB below clipping level. Level Meter Pre Monitor LEVEL 2 × 12 -segment LED meter [PEAK, +10, +6, +3, 0, -3, -6, -10, -15, -20, -25, -30 dB] Built-in Effect (MG16XU/MG16X) SPX Aorithm 24 programs, PARAMETER control: 1, FOOT SW: 1 (FX RTN CH on/off) USB Audio (MG16XU) 2 IN / 2 OUT USB Audio Class 2.0 compliant, Sampling Frequency: Max 192 kHz, Bit Depth: 24-bit Phantom Power Voltage +48 V Power Requirements AC 100-240 V, 50 Hz/60 Hz Power Consumption 30 W Dimensions (W × H × D) 444 mm × 130 mm × 500 mm (17.5" × 5.1" × 19.7") Net Weight MG16XU, MG16X: 6.8 kg (15.0 lbs), MG16: 6.6 kg (14.6 lbs) Included Accessory AC Power Cord, Rack-Mount Kit, CUBASE AI DOWNLOAD INFORMATION

Analog Input Characteristics 0 dBu = 0.775 Vrms \*1 Sensitivity is the lowest level that will produce an output of +4 dBu (1.228 V) or the nominal output level when the unit is set to maximum gain. (All level controls are at their maximum position.) \*2 1&Sleeve = GND, 2&Tip = HOT, 3&Ring = COLD \*3 1 = GND, 2 = HOT, 3 = COLD \*4 Tip = Signal, Sleeve = GND Analog Output Characteristics 0 dBu = 0.775 Vrms \*3 1 = GND, 2 = HOT, 3 = COLD \*5 Tip = HOT, Ring = COLD, Sleeve = GND Digital Input / Output Characteristics (MG16XU) Input Jack PAD 26 dB GAIN Trim Position Actual Load Impedance For Use with Nominal Input Level Connector Sensitivity \*1 Nominal Max. Before Clip MIC/LINE 1 - 8 OFF +64 dB 3 kΩ 50–600 Ω Mics/Lines -80 dBu (0.077 mV) -60 dBu (0.775 mV) -40 dBu (7.75 mV) Combo jack \*2 (Balanced) +20 dB -36 dBu (12.3 mV) -16 dBu (122.8 mV) +4 dBu (1.228 V) ON +38 dB -54 dBu (1.55 mV) -34 dBu (15.46 mV) -14 dBu (154.6 mV) -6 dB -10 dBu (245 mV) +10 dBu (2.451 V) +30 dBu (24.51 V) MIC 9/10, 11/12 — +64 dB 3 kΩ 50–600 Ω Mic -80 dBu (0.077 mV) -60 dBu (0.775 mV) -40 dBu (7.75 mV) XLR-3-31 \*3 (Balanced) +20 dB -36 dBu (12.3 mV) -16 dBu (122.8 mV) -6 dBu (388.2 mV) LINE 9/10, 11/12 — +38 dB 10 kΩ 600 Ω Lines -54 dBu (1.55 mV) -34 dBu (15.46 mV) -14 dBu (154.6 mV) Phone jack \*4 (Unbalanced) -6 dB -10 dBu (245 mV) +10 dBu (2.451 V) +30 dBu (24.51 V) LINE 13/14, 15/16 — — 10 kΩ 600 Ω Lines -30 dBu (24.5 mV) -10 dBu (245 mV) +10 dBu (2.45 V) Phone jack \*4 RCA pin (Unbalanced) Output Terminal Actual Source Impedance For Use with Nominal Output Level Connector Nominal Max. Before Clip STEREO OUT [L, R] 75 Ω 600 Ω Lines +4 dBu (1.228 V) +24 dBu (12.28 V) XLR-3-32 \*3 Phone jack \*5 (Balanced) MONITOR OUT [L, R] GROUP OUT [1 - 4] AUX SEND [1 - 4] 150 Ω 10 kΩ Lines +4 dBu (1.228 V) +20 dBu (7.750 V) Phone jack \*5 (Impedance Balanced) PHONES 110 Ω 40 Ω Phones 3 mW + 3 mW 100 mW + 100 mW Stereo phone jack Terminal Format Data Length Sampling Frequency Connector USB USB Audio Class 2.0 16-bit/24-bit 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz USB Standard-B

**LED TV**

**PICTURE(PANEL)**

**PICTURE(PROCESSING)**

**GAMING FEATURES**

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**AI ThinQ™**

Yes

**AI Brightness**

Yes





**AI Functions**

AI Home, AI Recommendation, Intelligent Edit

**Home Dashboard**

Yes

**Google Home Connection**

Yes

**Amazon Echo Connection**

Yes

**Works with Apple Homekit**

Yes

**Works with Apple Airplay**

Yes

**Operating System**

webOS Smart TV

**My Profile (Content Recommendation)**

Yes

**Content Store**

Yes

**Full Web Browser**

Yes

**Sports Alert**

Yes

**Direct Keys (Apps)**

Netflix, Prime Video, Disney+ Hotstar

**Speaker System**

2.0 Ch Speaker

**Audio Output (rms)**

20W

**AI FEATURES(ARTIFICIAL INTELLIGENCE)**

**SMART TV FEATURES**

**AUDIO**

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**Speaker Direction**

Down Firing

**AI Sound Pro/ AI Sound**

AI Sound (Virtual 5.1 Up-mix)

**Auto Volume Leveling**

Yes

**Bluetooth Surround Ready**

Yes

**Clear Voice**

Clear Voice Pro

**Bluetooth Audio Playback**

Yes ( 2 Way Playback)

**TV Sound Mode Share**

Yes

**Wi-Fi (Built-in)**

Wi-Fi 5 (802.11ac)

**Bluetooth**

Yes (V 5.0)

**Simplink (HDMI CEC)**

Yes

**HDMI Input**





1 (Rear) / 2 (Side)

**USB Ports**

1 (Side)

**HDMI Audio Return Channel**

eARC (HDMI 2)

**RF Input**

1 (Rear)

**LAN**

1 (Rear)

**Digital Audio Out (Optical)**

1 (Rear)

**HDMI Version**

HDMI 2.0

**CONNECTIVITY**

**INPUTS & OUTPUTS**

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**Power Supply (Voltage, Hz)**

AC 100~240V 50-60Hz

**Power Consumption Standby Mode**

Under 0.5 W

**Set Weight (without Stand ) Kg**

14.3

**Set Weight (With Stand) Kg**

14.4

**Set Weight (In Carton) Kg**

19.4

**Set WXHxD (without Stand ) mm**

1244 x 726 x 87.1

**Set WXHxD (with Stand ) mm**

1244 x 783 x 235

**Conventional Remote**

Yes

**e-manual**

Yes

**Remote Control Batteries**

Yes

**Audio Monitor**

Bi-amplified design with 70 watts of distributed power for cohesive, accurate sound

5" low-frequency drivers with Kevlar cones for rich, defined lows

1" high-frequency drivers with natural silk domes and integrated waveguides for smooth, clear highs

Optimized rear ports for extended low-frequency response

Magnetic shielding eliminates interference with other electronic equipment

**OVERVIEW**

**FEATURES & SUPPORT**

**VIDEOS & PHOTOS**

**PRODUCTS**

**SUPPORT**

**COMPANY**

**ACCOUNT**

XLR balanced and 1/4" balanced/unbalanced inputs for connecting mixers, amplifiers, instruments, DJgear, and more

Volume control

Includes two isolation pads

Frequency Response: 56Hz-22kHz

Crossover Frequency: 3 kHz

Low-Frequency Amplifier Power: 40 watts

High-Frequency Amplifier Power: 30 watts

Maximum Signal-To-Noise (Dynamic Range): > 100 dB (typical A-weighted)

Polarity: Positive signal at + input produce outward LF cone displacement

Input Impedance: 20 k ohms balanced, 10 k ohms unbalanced

Input Sensitivity: 85 mV pink noise input produces 90 dBA output SPL at one meter with volume control at maximum

Power: Factory programmed for either 115V ~50/60 Hz or 230V ~50/60 Hz

Protection: RF interference, output current limiting, over temperature, turn-on/off transient, subsonic filter, external mains fuse

Cabinet: Vinyl-laminated MDF

Size: 7.7" x 7" x 10"; 19.5cm x 17.6cm x 25.2cm

Weight: 11 lbs./unit; 5 kg.

Voice Over System

All specifications are measured at 20 kHz bandwidth. Specifications are subject to change without notice.

<b>NOVA Black Microphone</b>	
<b>TYPE</b>	Back Electret condenser microphone
<b>ELEMENT</b>	18 mm pure aluminum diaphragm capsule
<b>POLAR PATTERN</b>	Cardioid
<b>FREQUENCY RESPONSE</b>	20 Hz – 20 kHz
<b>SENSITIVITY</b> -38 dB (0 dB = 1 V/Pa @ 1 kHz)	
<b>RATED IMPEDANCE</b> 200Ω	
<b>MAXIMUM SPL</b> 136 dB	
<b>PHANTOM POWER REQUIRED</b> +48 V	
<b>S/N RATIO</b> 77 dB	
<b>CURRENT CONSUMPTION</b> 3 mA	
HDH40 Headphones	
<b>ACOUSTIC DESIGN</b> Dynamic, Closed	
<b>DRIVER</b> 40 mm, neodymium	
<b>FREQUENCY RESPONSE</b> 15 Hz – 22 kHz	
<b>SENSITIVITY</b> 95 dB ±3 dB	
<b>RATED IMPEDANCE</b> 32Ω	
<b>EARPAD</b> Leatherette	

CABLE LENGTH  
9.8 ft. / 3 m  
Mic Input 1 (balanced XLR)  
FREQUENCY RESPONSE  
20 Hz – 20 kHz (+0.1 dB)  
DYNAMIC RANGE  
104 dB (A-weighted)  
SIGNAL-TO-NOISE RATIO  
104 dB (+1.0 dBu, A-weighted)  
THD+N  
0.003%  
PREAMP EIN  
-128 dBu (max gain, 150  $\Omega$  source, A-weighted)  
MAX INPUT LEVEL  
+1.5 dBu  
GAIN RANGE  
55 dB  
Line Input 1 (balanced 1/4" [6.35 mm] TRS)  
FREQUENCY RESPONSE  
20 Hz – 20 kHz (+0.05 dB)  
SIGNAL-TO-NOISE RATIO  
101 dB (1 kHz, +4 dBu, A-weighted)  
Line Input 1 (balanced 1/4" [6.35 mm] TRS)  
THD+N  
0.003%  
MAX INPUT LEVEL  
16 dBu  
GAIN RANGE  
55 dB  
Inst Input 2 (unbalanced 1/4" [6.35 mm] TS)  
FREQUENCY RESPONSE  
20 Hz – 20 kHz (+0.05 dB)  
DYNAMIC RANGE  
100 dB (A-weighted)  
SIGNAL-TO-NOISE RATIO  
102 dB (+ 4 dBu, A-weighted)  
THD+N  
0.004%  
MAX INPUT LEVEL  
6 dBu  
INPUT IMPEDANCE  
1 M $\Omega$   
GAIN RANGE  
24 dB  
Main Outputs, L and R (impedance-balanced 1/4" [6.35 mm] TRS)  
FREQUENCY RESPONSE  
20 Hz – 20 kHz (+0.06 dB)  
DYNAMIC RANGE / SIGNAL-TO-NOISERATIO  
102 dB (A-weighted)  
THD+N  
0.005%  
MAX OUTPUT LEVEL  
+7 dBu (1 kHz, -1 dBFS)



## Encoder

Multiple Gigabit IP interface  
ASI, SD/HD/UHD SDI with raw and compressed (Dolby™) audio, HDMI with Embedded Audio  
Composite, Component, USB Webcam  
RF input  
GPIO, USB keypad

### INPUT STREAM

TS/UDP, TS/RTP (Unicast and multicast SPTS and MPTS)  
TS/HTTP  
RTMP, RTSP, HLS  
ZIXI, NDI, SRT  
Image slate  
Playlist  
DVB-S/S2 (QPSK, 8-PSK, 16/32-PSK), 950 to 2150 MHz (L-Band frequency) support. Symbol  
rate – 4 to 40MBd, BBFRAME/Full TS-output/LNB 13V18V 400mA, DiSEqC control  
Signal generator

### INPUT VIDEO CODECS

H.264 – BP/MP/HP – 4:2:2 10-Bit 4:2:0 8-bit  
MPEG4 SP/ASP  
MPEG2 – ML/HL  
HEVC  
VC1, Apple Prores  
Fixed and variable frame rate  
Standard and non-standard resolution  
4Kp60 up to 50Mbps for live delivery  
Fixed and variable frame rate  
Error resilience and concealment for erroneous input  
Input video frame skip detection  
Video pass through

### INPUT AUDIO CODECS

MPEG1 Layer2 Y& Layer3  
Dolby™-AC3  
AAC-MPEG2  
AAC-MPEG4 (LC, HE-AAC, HE-AACv2)  
MPEG4 ALS  
WAV  
Up to 8 channels 24 bit, 96KHz audio  
Up to 96KHz sampling frequency  
Audio pass through

### METADATA

CEA608/708 Closed captioning  
SCTE 35/104 Cue-points  
WSS & AFD metadata

DVB subtitles

## INPUT HANDLING

Input stream switching- manual/failure driven  
Input file looping & ROI selection  
Input archiving with slicing based on time, size, and clock  
Auto sensing of incoming media, media info  
Input stream view on web console  
Input stream capture  
Watch folder configuration  
Media playlist creation and playlist management

## STREAMING PROTOCOL

HLS, HDS  
Mpeg DASH, RTMP, RTSP  
CMAF  
MSS

## ACCESS, CONTROL & MONITORING

Multi account user management  
Granular license control  
Multi node configurability  
Thumbnails preview on web console  
Tile based preview and output stream preview  
Web based UI  
Express Job Settings  
Pre and post job scripts  
Jobs scheduling and Prioritization  
Dynamic parameter changing while job is running  
System configuration/jobs export, import, backup and restore

## PLATFORM SPECIFICATIONS

Runs on COTS Intel™ Platform  
CentOS  
Based on Mini, 1RU, 2RU chassis  
Optional RPS and RAID  
Upgradable to 6-Gigabit ports, 24GB storage space

## OUTPUT INTERFACES

SD/HD-SDI, HDMI, ASI, Multiple Gigabit IP interface with redundancy  
Composite, Component

## OUTPUT STREAM

TS/UDP & TS/RTP Unicast and multicast – SPTS, MPTS  
MPEG2, MP4, MOV, FLV, MKV, MFX  
ZIXI, SRT, NDI, HTTP, FTP, TCP/IP

## OUTPUT VIDEO CODECS

H.264 BP/MP/HP 4:2:0 8-bit, 4:2:2 10-bit  
HEVC 4:2:0 8-bit, 4:2:2 10-bit  
PRORES, WMV, MPEG2

#### OUTPUT AUDIO CODECS

MPEG 1 Layer2/3  
AC3 (pass through), EAC3 (pass through), Dolby™-E (pass through)  
AAC-MPEG2, AAC-MPEG4 (LC, HEAAC, HEAACv2)  
Up to 8 channel, 24 bit audio  
Up to 96 KHz sampling frequency

#### PRE-PROCESSING

Hue, Contrast, brightness, saturation and gamma correction  
De interlacing through BOB, Motion adaptive, IVTC modes  
Perceptual quality based video scaler  
Standard and non-standard resolution  
Framerate conversion  
Video Flipping  
Multiple alpha blended logo overlay, Static/scrolling text overlay  
Clock and Timer code overlay, Cropping, Letter boxing  
Different font style for text overlay  
Chroma sub sampling  
Audio equalizer and volume control, Loudness control  
Audio sample rate and bit depth conversion, rate maintainer  
Audio Channel management, Interpolation, Drop and Pad, Mix and Match  
Multi-channel/track audio in single channel  
Track pass through/Process settings  
Picture in Picture, Multiple input video tile management  
Single process to multi package, multi publish point

#### ENCODING FEATURES WITH DEEP DIVE CONFIGURABILITY

Look ahead based encoding, Low latency encoding & Sub-second G to G delay  
De-blocking filter, Interlaced/Progressive Encoding  
GOP, Buffer delay Adjustment  
CBR, VBR and constrained VB streams  
Scene change detection & characteristics based encoding  
Encode, Transcode acceleration through RAFT™, HELM™, SAND™ algorithms  
Configurable display aspect ratio and preserving DAR during scaling  
Profile level configurable post thumb nail generation, profile level frame rate conversion, GOP interval adjustment, Buffer delay setting for quality management  
Multi language/track audio coding in a single program  
Up to 8 channel, 24 bit audio encoding

#### METADATA

CEA 608/708 pass through  
SCTE cue tones for UDP/RTMP/HLS and custom for AWS, Akamai, Hotstar, Zee etc.,  
Host of other CUETONE features  
DVB subtitles pass through and burning



## MISC FEATURES

Lip Sync correction

Cross stream multiplexing – Video from one source and audio from another

Output file push to remote FTP/HTTP servers

Delayed output for render/playback synchronization

Delayed stream output, delayed push to specific to publish point

Stream specific processing for different application (Ex: Different logo for each profile)

Raw output simultaneously during streaming

Input/output stream redundancy

SSH tunneling for ZEN Master

IP pass through for LIVE and FILE

Supports copying Video and or audio tracks for different processing work flow

REST APIs

## SYSTEMS

Remote File storage mount – NFS, CIFS, USB, NAS, S3

Active Passive Redundancy

Auto restart of jobs in unrecoverable errors

Logs and Notification alerts through email etc.,

Real time health statistics

Input stream available indicator

Real time stats of CPU, memory, network, Jobs on Dashboard

Device manager for auto detecting PnP devices

Complete network diagnostic involving DNS test, Speed test, Tracer

NTP clock sync and settings

Time zone settings

VLAN creation

Required all installation materials like ,cables ,connectors. patch panel etc. All cables connection design and drawings

## BILL OF QUANTITY

S. No.	Video Studio Acoustics	Qty
1	Video Studio(30X18X12) acoustic Providing fixing wooden frame work of size 50mm x 27.5 mm frame shall fixed to wall for low frequency treatment shall be comprised with 18mm HDF as a facing materials 50mm thick 48 kg/cubic feet density thermal insulations with resin bonded rock wool supported with as absorbing material fixed with wooden frame For control the reverberation time of complete bandwidth of sound for auditorium, providing & fixing of 50 mm thick .thermal resin bonded Rock wool of density 48kg / c meter with thin fabric for holding the rock wool of frame work, wall acoustics final	1152
2	Croma Set	360
3	Real Set for 4 person siting	1
4	Studio Pvc Floorin	540
5	Table PCR	1
6	High density acoustics door with magnetic Gasket	1
7	Light Grid	540
1	Video Camera 4k	3
2	Video Tripod with Dolly	2
3	Video Tripod for TP With Dolly	1
4	Wireless lapel mic	3
5	Studio Light 100 watt with dmx controller	24
6	Teleprompter 19"Screen, Panel, Glass, Remote	1
7	Talkback System with 4 belt pack	1
8	Telex Earpiece	2
9	Video wall 3.5 mm hazel to hazel Push Pull Bracket,	4
10	Video Switcher with touch Panel controller	1
11	Audio Mixer	1
12	55 inch 4K Ultra HD LED WebOS TV with AI Brightness & 4K Upscaling	1
13	Audio Monitor for gust and anchor	2
15	Voice Over Systems	1
16	Encoder for social media and ott simultaneous	1
17	Air Condition	3
18	Cable, Connector, Patch panel, Rack etc	1
19	Cabling, installation and training	1



## Bid Security Declaration by the Bidder

I/we, M/s \_\_\_\_\_ hereby undertake and accept that if I/We withdraw or modify my/our Bids during the period of validity, or if I/We am/are awarded the contract and I/We failed to sign the contract, or to submit a performance security before the deadline defined in the request for bids document, I/We \_\_\_\_\_ shall have no objection if I/We am/are suspended for the two years from being eligible to submit Bids for contracts with All India Institute of Ayurveda, New Delhi.

Seal, Name & Address of the Bidder/Authorized person

Telephone No. & Email ID





**MANUFACTURER AUTHORIZATION FORM**  
(on the letterhead of the Manufacturer)

To,  
The Director  
All India Institute of Ayurveda,  
Gautampuri Sarita Vihar,  
New Delhi - 110076

Madam,

Ref. Your Tender Document No. \_\_\_\_\_ dated \_\_\_\_\_

We, \_\_\_\_\_ Who are proven and reputable manufacturers having factories at \_\_\_\_\_ hereby authorize M/s (*name and address of the agent*) to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred Tender which are manufactured by us.

- 2) We further confirm that no supplier or firm or individual other than Messrs. (*name and address of the above agent*) is authorized to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred Tender Enquiry documents for the above Equipment / Stores manufactured by us.
- 3) We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorized agent including availability of Spares parts for the period of 5 years for supplied equipment to AIIA DELHI.
- 4) We also confirm that the rate quoted by our authorized agent shall not exceed the rate which we would have quoted on direct participation.
- 5) We also undertake to provide all updates (at our own) of the equipment free of cost during the warranty/guarantee period along with spare parts.

Yours faithfully,

[Signature with date, name and designation]

For and on behalf of M/s \_\_\_\_\_

[Name & address of the manufacturers]

**Note:**

1. This letter of authorization should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.
2. Original letter's scanned copy may be uploaded and handed over as and when directed.



Rates for Spares / Consumables / Optional Accessories (If Any)

Sl. No.	Name of the Consumable/ Spare/ Optional Accessories	Life Cycle	Per Unit Price (In ₹) including all taxes

Name(s) & Signature of the Bidder with rubber seal(s)

Name of the Firm.....Date.....Place.....



**FINANCIAL BID**

S. No.	Video Studio Acoustics	Qty	Rate Per Unit
1	Video Studio(30X18X12) acoustic Providing fixing wooden frame work of size 50mm x 27.5 mm frame shall fixed to wall for low frequency treatment shall be comprised with 18mm HDF as a facing materials 50mm thick 48 kg/cubic feet density thermal insulations with resin bonded rock wool supported with as absorbing material fixed with wooden frame For control the reverberation time of complete bandwidth of sound for auditorium, providing & fixing of 50 mm thick thermal resin bonded Rock wool of density 48kg / c meter with thin fabric for holding the rock wool of frame work, wall acoustics final	1152	
2	Croma Set	360	
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4	Wireless lapel mic	3	
5	Studio Light 100 watt with dmx controller	24	
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13	Audio Monitor for gust and anchor	2	
15	Voice Over Systems	1	
16	Encoder for social media and ott simultaneous	1	
17	Air Condition	3	
18	Cable, Connector, Patch panel ,Rack etc	1	
19	Cabling, installation and training	1	



**Note:**

1. The Rates should be quoted inclusive of all taxes; viz. Freight, Packing, Forwarding, Insurance, Transportation, Octroi, **3 Years** Onsite Warranty inclusive of spares & Labour, applicable GST up to the F.O.R. AIIA, Delhi basis. The accessories required for Equipment operational at the AIIA DELHI site needs to be supplied on free of cost by the Bidder Agency
2. The free of cost consumables (if any required) for 3 months' period for make operational equipment at AIIA DELHI site needs to be supplied with ordered equipment.
3. The Bidder will quote firm rates inclusive of all Taxes & expenditure up to F.O.R. to AIIA DELHI basis. The AIIA DELHI will release payment claim against accepted supply after deductions of TDS as per prevailing Tax Rules and LD (If any) as per the Terms & Condition mentioned in the Tender.
4. L1 will be decided on total cost of each Equipment Plus Cumulative total of CMC charges (for 3 years after expiry of warranty/guarantee period) and indigenous goods.

**PERFORMANCE/CMC SECURITY BANK GUARANTEE  
FORMAT**

*(on the letterhead of the Manufacturer)*

To,

The Director  
All India Institute of Ayurveda,  
Gautampuri, Sarita Vihar,  
New Delhi - 110076

WHEREAS \_\_\_\_\_ (Name and address of the supplier) (Hereinafter called "the supplier") has undertaken, in pursuance of contract no. \_\_\_\_\_ dated \_\_\_\_\_ to supply (Equipment/Stores and services) (hereinafter called "the contract").

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee from nationalized bank for the sum specified therein as security for compliance with its obligations in accordance with the contract;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of. (Amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid up to **38 (Thirty-Eight) months** from the date of satisfactory installation of the Equipment/Stores in the User Department at AIIA, DELHI i.e. up to-----

.....(indicate date).

(Signature with date of the authorized officer of the Bank) Name and designation of the officer

Seal, name & address of the Bank and address of the issuing Branch, including Telephone No. & Email ID

**TECHNICAL BID**  
(signed technical bid documents)

Sl. No.	Name of the item (as per the Tender Schedule of Requirement Annex-I)	Make & Model Quoted	Indian/ Imported /Country of Origin	Catalogue/ Technical details submitted Yes/No	Demonstration Yes/No	Deviation to specification, if any With reason

**Note:** Mention detailed specifications (point wise) of quoted item as per schedule of requirement and mention deviation in the specification if any.

Signature, Name of Authorized Person of the Bidder with seal.

Date: .....

Place: .....

Contact No.: .....

Email ID: .....





**UNDERTAKING**

*(To be executed on Rs.100/-Non-Judicial Stamp Paper duly attested by Public Notary)*

**For Compliance of all Terms & Conditions mentioned in this Tender Document**

1. The undersigned certify that I/we have gone through the terms and conditions mentioned in the tender document and undertake to comply with them. I have no objection for any of the content of the tender document and I undertake not to submit any complaint/representation against the tender document after submission date and time of the tender. The rates quoted by me/user valid and binding on me/us for acceptance till the validity of tender.
2. **I/We undersigned hereby bind myself/ ourselves to ALL INDIA INSTITUTE OF AYURVEDA DELHI, GAUTAMPURI SARITA VIHAR, DELHI-110076 to supply the approved awarded Equipment/Instruments/Apparatus/items in the approved prices to AIIA DELHI, during the Rate Contract period under this contract.**
3. The articles shall be of the best quality and of the kind as per the requirement of the institution. The decision of the Director, AIIA DELHI, India (hereinafter called the said officer) as regard to the quality and kind of article shall be final and binding on me.
4. **Performance security 5%** of the cost of the supply value shall be deposited by me in the form of FDR/ Bank Guarantee in the name of The Director, All India Institute of Ayurveda, DELHI in the format at **Annexure-VI** attached herewith on award of the contract and shall remain in the custody of the Director till the validity of the Tender Contract plus two months (**i.e. for 38 months**).
5. Should the said officer deem it necessary to change any article on being found of inferior quality, it shall be replaced by me/us free of cost in time to prevent in convenience.
6. I/We hereby undertake to supply the items during the validity of tender as per directions given in supply order within stipulated period positively.
7. If I/We fail to supply the stores in stipulated period, the AIIA DELHI has full power to compound or forfeit the Bid Security/security deposit.
8. I/We declare that no legal/ financial irregularities are pending against the proprietor/ partner of the tendering firm or manufacturer.
9. I/We undertake that the rates quoted by me when approved and selected by the Director, AIIADELHI will be valid for one year from the date of approval of the rate contract in the format given in **Annexure-V** or till extended as mutually agreed upon. I/we undertake to supply the equipment/stores will be **as per the Terms & Conditions** in tender document. I/we undertake to supply the order with in stipulated period and if fail to supply order during the stipulated period then necessary action can be taken by the Director, AIIA, DELHI.
10. I/We undertake that if the rates of any items are lowered due to any reason, I will charge the lower rates.
11. I/We undertake that the items supplied are as per Demonstration/ Catalogue/ technical



- literature description.
12. I/We undertake that the quoted rates are not higher than that approved in any other Govt. institutions in India for the same items during the current Financial Year.
  13. **Affidavit regarding No CBI Inquiry/ FEMA/ Criminal proceeding/ Black listing is pending or going on against the manufacturer/ bidder firm is also enclosed. I undertake that I will not submit any irrelevant documents with the tender and in doing so I will not have any objection if my tender is rejected on that ground.**
  14. I/We undertake to supply the all Literature (Log Book/Maintenance Record/ Troubleshooting/ Operation Manuals etc.) supplied with each of equipment by Principal Manufacturer in Original to AIIA, DELHI.
  15. I/We undertake to calibrate Equipment as per requirement and frequency as indicated in the **Annexure-I, Technical Specification of Equipment** for ensuring optimum operation of equipment at the AIIA, DELHI site.
  16. I/we do hereby confirm that the prices/ rates quoted are fixed and are at par with the prices quoted by me /us to any other Govt. of India/ Govt. Hospitals/ Medical Institutions/ PSUs. I/we also offer to supply the Equipment/ stores at the prices and rates not exceeding those mentioned in the Financial Bid.
  17. I/we do accept/ agree for the all clauses including the 3 years onsite Warranty inclusive of all spares and labour etc. and after expiry of warranty period, the 3 years CMC for Equipment on approved rates and payment terms and conditions of this tender enquiry.
  18. I/we have necessary infrastructure for the maintenance of the equipment and will provide all accessories/spares as and when required.
  19. I/we undertake to get the equipment repaired within 48 hours of the receiving of the complaint from the Hospital failing which a penalty at the rate of ₹500/- per day may be recovered from pending bill/Bank Guarantee before releasing the same to us after 36 months.
  20. I/we undertake, if as a result of post payment audit any over payment is deducted in respect of any Supply/work done by our Agency or alleged to have been done by our Agency under this tender, it shall be recovered by the AIIA DELHI from our Agency.
  21. I/We do hereby confirm that I/we aware about the provisions of "Make in India" initiatives and directives regarding Price Preference Policy to Make in India Registered Bidders and I/We undertake for following the same as per directions of AIIA DELHI in respect of this Tender Enquiry.
  22. I/We undertake to respect Anti-Profiteering Rule under GST Act 2017 of Govt. of India and will have mandatorily to pass on the benefit due to reduction in rate of tax to the AIIA, DELHI by way of commensurate reduction in our prices. And if I/we will be found defaulter for following of above said rule (i.e. passing all the benefits of GST Tax Regime price reductions to AIIA, DELHI), the AIIA, DELHI have the right to initiate necessary action deemed fit as per GST Act, 2017 against our firm.
  23. I/we undertake, if as a result of post payment audit any over payment is deducted in respect of any Supply/work done by our Agency or alleged to have been done by our Agency under this tender, it shall be recovered by the AIIA DELHI from our Agency.
  24. I/we undertake, if any under payment is discovered, the amount shall be duly paid to our



Agency by the AIIA, DELHI.

25. I/we undertake that we shall liable to provide all the relevant records copies during the concurrency period of Contract or otherwise even after the Contract is over, whenever required by AIIA, DELHI.
26. I/We do solemnly pledge and affirm that I/We am/are the proprietor/partner/authorized signatory of M/s..... and my/our firm has not been declared defaulter by any Govt. Agency and that no case of any nature i.e. CBI/FEMA/Criminal/Income Tax/GST/Blacklisting is pending against my/our firm.
27. I pledge and solemnly affirm that the information submitted in tender documents is true to the best of my knowledge and belief. I/We further pledge and solemnly affirm that nothing has been concealed by me and if anything adverse comes to the notice of purchaser during the validity of tender period, the Director, All India Institute of Ayurveda, DELHI (India) will have full authority to take appropriate action as he/she may deem fit.
28. I/We hereby declare that, our quoted prices against this Tender Enquiry are not higher than prices offered by us to any others Govt. Institutions/Other Institutions as per prevailing market prices and I/we are liable for passing of all the benefits of GST in terms of cost reduction on account of various tax factors to AIIA, DELHI as per the provisions of GST Act, 2017. I/We will also liable for passing of all the cost reduction benefits (if any) on account of CDEC provided by AIIA DELHI on Custom Duty part. If any time AIIA DELHI will get the information that we have supplied items on higher prices in comparison to other institutes based on prevailing applicable prices, we are undertaking that, we are liable for refunding and depositing back such difference amount to AIIA DELHI from our side without any question.
29. We are also undertaking that the Department of Commerce or Ministry/any other Department has been not debarred/blacklisted our firm as per best of our knowledge, if any such debarment/blacklisting come to the notice of AIIA DELHI Authorities during execution of Supplies against this Tender Enquiry, AIIA DELHI have right to reject our proposal and take appropriate action deemed fit against our firm as per prevailing applicable Rules & Regulations.

Signature,

Name of Authorized Person of the Bidder with seal.

Date:.....

Place:.....

**Affirmation/Verification**



ALL INDIA INSTITUTE OF AYURVEDA DELHI		
PUBLIC FINANCIAL MANAGEMENT SYSTEM (PFMS)		
PFMS UNIQUE CODE:		
VENDOR REGISTRATION FORM		
Sl. No.	Head Name	Details
1.	Vendor Name	
2.	Father/Husband/Owner Name	
3.	Date of Birth	
4.	PAN Number	
5.	GSTIN	
6.	Aadhar Number	
7.	TAN Number	
8.	TIN Number	
9.	Service Tax No	
10.	Address1	
11.	Address2	
12.	Address3	
13.	City	
14.	Country	
15.	State	
16.	District	
17.	Pin Code	
18.	Mobile No.	
19.	Phone No.	
20.	Email ID	
21.	Bank Name	
22.	IFSC Code	
23.	Account Number	
DATE:		
PLACE:		<b>VENDOR SIGNATURE WITH SEAL</b>
<b>Note:</b>	<i>All related self-attested documents also enclosed with this form</i>	

