

RAJASTHAN AGRICULTURAL RESEARCH INSTITUTE (S.K.N. AGRICULTURE UNIVERSITY, JOBNER) DURGAPURA, JAIPUR

Phone &Fax: 0141-2550229 & 2550536

Dated: 18.02.2025

Email: director.rari@sknau.ac.in

Dr. HARPHOOL SINGH DIRECTOR

No. F.9()SKNAU/DIR-RARI/Acctt./2025/ 546

Open Tender Information

Sealed tenders are invited for Supply & Installation of Digital Podium & PTZ Camera for Maharana Pratap Auditorium at Rajasthan Agricultural Research Institute, Durgapura, Jaipur, (Rajasthan) with an estimated cost Rs.5.0 Lakh. Tender formats can be downloaded from www.sknau.ac.in or are available at our office between 10:00 AM to 5:00 PM on working days upto 25.02.2025. Form fee will be Rs.590/-which can be paid in cash or DD in favour of Director, RARI, Durgapura. The Tender forms along with DD of bid security money (EMD) @ 2% of the bidding amount favouring Director, RARI Durgapura, Jaipur should be submitted up to 01:00 PM on or before 25.02.2025. The tender will be opened on the same day at 2.00 P.M. before the purchase committee by an officer duly authorised in the presence of any intending tenderer or their authorised representative who may be present. Detailed information regarding above mentioned tender is available at our office. university website www.sknau.ac.in https://sppp.rajasthan.gov.in/. The undersigned reserves the right to reject the tender without assigning any reason thereof.

Director

Copy to the following for information and further needful action:

- The Comptroller, SKNAU, Jobner kindly appoint comptroller nominee. 1.
- The Incharge, CIMCA, SKNAU, Jobner for uploading on University Website-2. www.sknau.ac.in and https://sppp.rajasthan.gov.in/.
- 3. The Chairman, tender committee members, RARI, Durgapura, Jaipur.
- Dr. M.A.Kha, Asstt. Prof., Incharge Maharana Pratap Auditorium, RARI, Durgapura. 4.
- 5. Dr. Rani Saxena, Asstt. Professor please upload the above tender on website, RARI, Durgapura, Jaipur.
- Tender file. 6.
- Notice Board. 7.

Rejection Agriculture Records inviluio Durgamara, JANEUN 1-302018



DIRECTOR

RAJASTHAN AGRICULTURAL RESEARCH INSTITUTE (S.K.N. AGRICULTURE UNIVERSITY, JOBNER)

DURGAPURA. JAIPUR



Phone &Fax: 0141-2550229 & 2550536 Email: director.rari@sknau.ac.in

Open tenders for Supply & Installation of Digital Podium & PTZ Camera

Open tenders for Supply & Installation of Digital Podium & PTZ Camera for Maharana Pratap Auditorium at RARI Durgapura (Jaipur) are invited in sealed envelopes as per following terms and conditions:

1. Sealed Single Stage Two- envelopes unconditional covered Bids are invited on behalf of RARI Durgapura (Jaipur) for listed below items & installation.

1. Name of Item: Supply & Installat for Maharana Pratap Auditoriu	_								
2. Budget: From RF as per Comptro 25/10701074 date:17/02/2025		<u> </u>							
	3. Last Date and time for submission of Tender: of 25.02.2025 at 01:00 PM								
4. Date and time for opening of Tend	er: of 25.02.2025	at 02:00 PM							
S. No. Name of Specific Qty	Estimated	Price of	Amount of Bid Security						
Article ations	Price	Bidding	(Rupees)						
	(Rupees)	Document							
		(Rupees)							
1 Digital Podium & PTZ	5.0 Lakh	590/-	@ 2 % of the bidding amount						
(Pan-tilt-zoom) Camera									
As per Annexure 3									

- 2. Price preference and/or purchase preference as per instructions to Bidders shall be admissible in evaluation of Bids and award of Contract.
- 3. The Bidders may enclose the specifications, catalogue and other characteristics of the product offered. They shall also include details of their backup services offered, warranties, etc.
- 4. The complete Bidding Document including the Conditions of Contract, evaluation and qualification criteria and procedure, bidding forms, specifications, delivery schedule, etc. can he seen obtained from the office of the Director, RARI Durgapura, Jaipur during office hours in working days up to 25.02.2025 at 11:00 AM, by paying the non-refundable price Rs.590/- as mentioned in above table in the form of cash. Alternatively, these may be seen and downloaded from university website www.sknau.ac.in and https://sppp.rajasthan.gov.in/. The price of Bidding Document may be paid in the form of Cash or DD in favour Director, RARI Durgapura, Jaipur at the time of submission of the Bid. The cash receipt or DD must be submitted in envelope no. 1.
- 5. Bids, duly signed on all pages and serially numbered, properly bound, accompanied with the Bid Security, in the form of Demand Draft, favouring Director, RARI Durgapura, Jaipur from a Scheduled Bank in India, shall be submitted personally or by post in sealed envelopes containing both envelope 1 and 2 upto 01:00 PM of 25.02.2025, to Director, RARI Durgapura, Jaipur bearing the reference to NIB and warning as: "Bid Supply & Installation of Digital Podium & PTZ (Pan-tilt-zoom) Camera, not to be opened before 25.02.2025 at 2:00 PM".
- 6. Bids received after the specified time and date shall not be accepted and returned unopened.

- 7. The Bids shall be opened at 2:00 PM on dated 25.02.2025 in the presence of the Bidders or their representatives who wish to be present.
- 8. The procuring Entity is not bound to accept the lowest Bid and may reject any or all Bids without assigning any reason thereof.
- 9. The Bidders shall have to submit the Copy of PAN Card, GST/SG Registration, Firm Registration, ITR or Balance Sheet (Audited/CA Certified), experience letter and other essential certificates as required.

Director



Annexure-1

Terms and condition for purchasing Supply & Installation of Digital Podium & PTZ Camera

- 1. Important annexure/documents except financial bid should be kept in **envelope 1** along with tender fee DD if not already paid to this office and earnest money DD.
- 2. Envelope 2 should contain only financial bid and it will be opened only when technical bid of the tenderer is passed.
- 3. Tender for Supply & Installation of Digital Podium & PTZ (Pan-tilt-zoom) Camera should be mentioned on the top of envelope and should be sent in sealed envelope addressing Director, RARI Durgapura, Jaipur.
- 4. No advance payment will be made to the tenderer and the money will be released only after satisfactory completion of work i.e. supply, installation and verification by purchaser.
- 5. The tenderer must put his signature and stamp on every paper of tender including terms and condition.
- 6. Any kind of overwriting/correction may lead to cancellation of tender.
- 7. The prices should be type written clearly in ink against each items. Cutting should be avoided as erroneous and overwriting are not permissible.
- 8. Director, RARI Durgapura, Jaipur have the right to accept or reject the tender.
- 9. Any lapse in time may lead to action against the tenderer under RTPP 2012, RTPP 2013 and other rules laid down by Rajasthan Govt. from time to time and the penalty (L.D.) will be charged.
- 10. The material should adhere to the specification provided in Annexure-3.
- 11. The performance security will be forfeited if **Director**, **RARI Durgapura**, **Jaipur** finds out that the material procured is substandard and the work is not satisfactory and all the charges will be borne by the successful bidder for procuring the same from another firm.
- 12. Incomplete tenders and tenders received late will not be entertained.
- 13. Any other terms & conditions except cited above will be as per RTPP 2012, RTPP 2013, Rule no.68 of General Finance and Account, Raj. Govt. notification dated 19.11.2015 and other guidelines provided by state government from time to time.
- 14. The rate contract can be extended for three months on mutual agreed basic.
- 15. The firms from Rajasthan state and outside Rajasthan state which are not included in price preference status by General Finance and Audit rules of Rajasthan, while comparing the price quoted the Rajasthan sale tax/VAT will not be included and only central sale tax will be included. Which means the sale tax/VAT will not be included in price quoted by local firms while central sale tax will be included in price quoted by firms which are not in price preference status of Rajasthan Government. Liquidated damage (2.50 to 10 Percent) will be recovered as per General finance and audit rules if the material is not supplied within time as per the following.
 - a) Lapse of one fourth period than the stipulated time 2.50%
 - b) Lapse of one fourth periods but not half than the stipulated time 5.00%
 - c) Lapse of half to three fourth period than the stipulated time -7.50%
 - d) Lapse of more than three fourth period than the stipulated time 10%
- 16. **Director, RARI, Durgapura, Jaipur** reserves the right to seize in part or whole amount of Performance security, Bid Security money if the tenderer violates the terms and conditions or fails to complete any provision.

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- 17. The tenderer will have to sign the "Fall clause" (Appendix J attached) stating that he will have to supply the material to other departments, corporations, boards, PSUs on the same minimum quoted rates as to the college till the contract expires.
- 18. The tenderer shall give an undertaking that his firm has not been black listed (Appendix I attached). If it is found otherwise then bid security, performance security will be seized and court case will be registered against him.
- 19. Lowest price quoted will not qualify for selection of tender but quality and desired standards will also be considered.
- 20. The product must be certified.
- 21. The rates quoted must be Freight on Receipt (FOR) at RARI, Durgapura, Jaipur, otherwise installation, cost of packing, forwarding, freight etc. and all other charges be given. No amount other than that is quoted in financial bid will be paid.
- 22. All taxes and excise duty if any to be charged extra should be mentioned clearly.
- 23. Self-attested copies of Address proof, PAN Card, GST/SG Registration, Income Tax Return, Turn Over (Balance sheet Audited/CA Certified) detail, Registration and other essential certificates as required must be attached while submitting the tender.
- 24. Supporting documents shall be verified with originals during the of tender process. Supporting documents may also be sought as proof. Further, verifications of documents, claims, etc., may also be done by department any time even before/during or after finalization of tender bid/process.
- 25. The Demand Draft of bid security amount @ 2 % of the bidding amount favoring Director, RARI, Durgapura, Jaipur must be submitted in envelope no. 1. Firms which are registered as micro or SSI. Unit of Rajasthan with Commissioner of Industries shall furnish the amount of bid security at the rate 0.50 % of likely value of the indicative quantity.
- 26. The Bid Security amount of the successful bidder may be adjusted in performance security of the bidder.
- 27. Tender will be cancelled if the security deposit or tender fee is not submitted.
- 28. Average turnover of the firm for last three years should be more than three times of the Bidding amount.
- 29. Successful bidder will have to sign performance contract on Rs. 100 stamp paper & the expenses will be borne by him.
- 30. Successful bidder will have to deposit performance security amount of @ 5 % of the order given to the bidder in the form of DD favoring Director, RARI, Durgapura, Jaipur. Firms, which are registered as micro and SSI units with the Department of Industries, Rajasthan shall furnish the amount of performance security @1% of value of indicative quantity.
- 31. The guidelines for number/figure mistakes in financial bids: The tender committee will rectify the numerical mistakes as per the following rules.
 - a) If there is mistake in multiplying unit price with quantity, the unit price will be considered and corrections will be made in grand total. If committee feels that there is mistake in decimal place of unit price then grand total will be considered & corrections will be made in unit price.
 - b) If there is mistake in addition and subtraction of various units then unit prices will be considered and corrections will be made in total price.
 - c) If there is mistake in figures and words then the words will be considered unless there is any mistake in writing the numbers. The figures will be considered as per a) & b) listed above.
- 32. The ordered work will have to be completed within 7 days after the date of placing the orders.

- 33. The specification as per Annexure -3 should be fulfilled for Supply & Installation of Digital Podium & PTZ (Pan-tilt-zoom) Camera.
- 34. Any accident/ mishap during the execution of the job will be the responsibility of the agency concerned, which will get the necessary insurance done at their cost.
- 35. The tender form should be filled as per given terms and conditions.

Director

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Compliance with the Code of Integrity and No Conflict of Interest

Any person participating in a procurement process shall –

- (a) not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;
- (b) not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- (c) not indulge in any collusion, Bid rigging or anti-competitive behavior to impair the transparency, fairness and progress of the procurement process;
- (d) not misuse any Information shared between the procuring Entity and the Bidders with an intent to gain unfair advantage in the procurement process;
- (e) not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
- (f) not obstruct any investigation or audit of a procurement process;
- (g) disclose conflict of interest, if any; and
- (h) disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.



Conflict of Interest:-

- 1. The Bidder participating in a bidding process must not have a Conflict of Interest. A Conflict of Interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.
- 2. A bidder may be considered to be in Conflict of interest with one or more parties in an bidding process if, including but not limited to;
- (a) have controlling partners/shareholders in common; or
- (b) receive or have received any direct or indirect subsidy from any of them; or
- (c) have the same legal representative for purposes of the Bid; or
- (d) have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or
- (e) the bidder participates in more than one Bid in abiding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid; or
- (f) the Bidder of any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods, Works or Services that are the subject of the Bid; or
- (g) Bidder or any of its affiliates has been hired (or is proposed to be hired) by the procuring Entity as engineer-in-charge/consultant for the contract. All bidders shall provide in Qualification Criteria and Biding Forms, a statement that the bidder is neither associated nor has been associated directly or indirectly, with the consultant or any other entity that has prepared the design, specifications and other documents for the subject matter of procurement or being proposed as Project Manager for the contract.



Grievance Redressal during Procurement Process

The first Appellate Authority will be Hon'ble Vice Chancellor, SKNAU, Jobner and second Appellate Authority will be appointed by Chief Secretary/Joint Secretary, Agriculture Department, Govt. of Raj., Jaipur or SKNAU, Jobner or Govt. of Rajasthan.

(1) Filling an appeal:

- a. If any Bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the Act or the Rules or the or the Guidelines issued thereunder, he may file an appeal to Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be clearly giving the specific ground or grounds on which he feels aggrieved:
 - Provided that after the declaration of a bidder as successful the appeal may be filed only by a Bidder who has participated in procurement proceedings:
 - Provided further that in case a procuring Entity evaluates the Technical Bids before the opening of the financial Bids, an appeal related to the matter of Financial Bids may be filed only by a bidder whose technical bid is found to be acceptable.
- b. The officer to whom an appeal is filed under para (1) shall deal with the appeal as expeditiously as possible and shall endeavor to dispose it of within thirty days from the date of the appeal.
- c. If the First Appellate Authority fails to dispose of the appeal within the period 30 days of the date of filing the appeal or if the bidder or prospective bidder or the procuring entity is aggrieved by the order passed by the First Appellate Authority, the bidder or prospective bidder or the procuring entity, as the case may be, may file a second appeal to the Second Appellate Authority as specified in the Bid Data Sheet, within fifteen days. The Second Appellate Authority, after hearing the parties, shall dispose of the appeal and pass an order within a period of 30 days which shall be final and binding on the parties. If the Second Appellate Authority is unable to dispose of the appeal within the aforesaid period, he shall record reason for the same.

(2) Appeal not to lie in certain cases:

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely:-

- (a) determination of need of procurement;
- (b) provisions limiting participation of Bidders in the bidding process;
- (c) the decision of whether or not to enter into negotiations;
- (d) cancellation of a procurement process;
- (e) applicability of the provisions of confidentiality.

(3) Form and procedure of filing an appeal

- (a) An appeal shall be in the annexed Form along with as many copies as there are respondents in the appeal.
- (b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee.
- (c) Every appeal may be presented to First Appellate Authority or Second Appellate Authority, as the case may be, in person or through registered post or authorised representative.

(4) Fee for filing appeal

- (a) Fee for first appeal shall be rupees two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non-refundable.
- (b) The fee shall be paid in the form of bank demand draft or banker's Cheque of a Scheduled Bank in India payable in the name of Appellate Authority concerned.

(5) Procedure for disposal of appeals

- (a) The First Appellate Authority or Second Appellate Authority, as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing.
- (b) On the date fixed for hearing, the First Appellate Authority or Second Appellate Authority, as the case may be, shall-
- (i) hear all the parties to appeal present before him; and
- (ii) peruse or inspect documents, relevant records or copies thereof relating to the matter.
- (c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
- (d) The order passed under sub-clause (c) above shall be placed on the State Public Procurement Portal.



Special Terms & Conditions for Tendering For Supply & Installation of Digital Podium & PTZ (Pan-tilt-zoom) Camera

- 1. The quantity and amount of purchase is indicative only and purchaser reserves all rights to increase or decrease the same without assigning any reason. No additional financial burden shall be entertained due to increase/decrease of quantity/volume.
- 2. Corrections, if any, shall be made by crossing out, rewriting and signing on each correction individually.
- 3. All duties and other levies payable by the supplier under this order shall be included in the unit Price.
- 4. The prices quoted by the bidder shall be fixed for the validity and supply period and shall not change to adjust on any account. All statutory deductions (such as GST, Income Tax etc.) shall be made from bills.
- 5. The Prices should be quoted in Indian Rupees only.
- 6. Each bidder shall submit only one quotation.
- 7. Quotation must be valid for minimum 120 days since the last date of quotation submission.
- 8. Evaluation of Quotations: The Purchaser will evaluate and compare only the bids that are substantially responsive i.e. the bids that
 - 8.1 are received on or before scheduled date and time; found properly signed and fulfill tender cost and EMD; and
 - 8.2 confirm tender terms and conditions, technical specifications and requirements.
 - 8.3 have a registered number of GST registration certificate from GSTN, where business is located. The bidder should have a registered income tax/ PAN number.
- 9. The Quotations would be evaluated for all items together.
- 10. Award of Order The Purchaser will award the order to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
 - 10.1 Notwithstanding the above, the Purchaser reserves sole rights to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of order.
 - 10.2 The successful bidder will be notified of the award of order by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be part of purchase order.
- 11. Detailed specifications of the items are as per Annexure 3 and the prices quoted for the items as per specification mentioned in Annexure-3 must include all the taxes, FOR, installation charges at RARI, Durgapura, Jaipur (Raj.). No other extra charges will be paid by the purchaser.

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- 12. Product/Information brochures/catalogue clearly indicating make/model quoted, must accompany the bid.
- 13. Bidder firm must have experience of executing similar work duly verified by a certificate.
- 14. Material to be supplied and installation be **completed within 7 days.** All items shall be supplied with warranty as per stipulated terms and conditions of tender. All service support, essential spares, software or its updates must be available till 60 months from the date of successful acceptance of items.
- 15. The bill for these items will be in favour of "Director, RARI, Durgapura, Jaipur".
- 16. The installations shall be carried out within RARI, Durgapura, Jaipur, Sikar (Raj.) in class rooms and all types of technical and support services should be available within 24-48 business hours as and when as required.
- 17. The Bidder shall quote only one specific make and model from only specific OEM. Providing more than one option shall not be allowed. All goods quoted by the Bidder must be associated with item names and codes and such names or codes must be visible on printed literature describing configuration and functionality. Any deviation from the tender specifications must be clearly mentioned in the offer document by the Bidder.
- 18. The OEM for all active components should give a declaration that products or technology quoted are neither end-of-sale nor end-of life as on the date of installation and commissioning and are not-of support till the warranty period.
- 19. If the bidder is non manufacturer, he/she shall provide service from OEM at his own cost.
- 20. Bidder/OEMs shall have certification as applicable shall be preferred.
- 21. Training- Basic, Advance (Full Functioning) and Maintenance training on site be provided as needed by purchaser.
- 22. Testing/Installation The vendor is advised to visit the site to understand real measurements and physical entities and requirements. The successful bidder shall be required to depute a professional person to install the items as per site given directions to full satisfaction.
- 23. If a Bidder is exempted from payment of any duty/tax upto any value of supplies from them, he should clearly state that no such duty/tax will be charged by him up to the limit of exemption which he may have.
- 24. Environmental/Statutory and Site Conditions Tropicalisation: The equipment should be suitable for installation at a place where the climatic conditions change as follows:-
- a. Summer Winter Monsoon (Max/Min Temp)
- b. Max. Temp. 50° C 24° C 40° C; Min. Temp. 30° C 0° C 25° C
- c. R. Humidity 18% 50% 90%
- d. In addition to above, the atmosphere in summer is very dusty.
- 25. Warranty:- Minimum-1 Year
- a) The Supplier shall warrant that the equipment will be free from defects in design, material or workmanship.

- b) Supplier's obligations under the warranty, shall involve repair, rectification and making good at site the defect, imperfection or fault attributable to defective design, material or workmanship, including physical changes/installation redone if any.
- 'c) Inspection by purchaser's representatives at various stages would not relieve the supplier of his obligations under the warranty.



I agree to all the terms and conditions cited above in the tender and I will provide the required equipment with above mentioned specifications.

Signature and Seal of Bidder along with date

Name-

Address-

Mobile No.-

Technical Bid Submission Sheet

Date:				
T	*			
10:			 <u> </u>	

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Document for Supply & Installation of Digital Podium & PTZ (Pan-tilt-zoom) Camera, including Addenda No.
- (b) We declare that we fulfill the eligibility and qualification criteria in conformity with the Bidding Document and offer to supply in accordance with the specifications, the delivery schedule and other requirements as specified as per **Annexure 3** and terms and conditions given in the tender documents for the below requirement:

. 1. Na	me of Iten	n: Suj	ply & Installa	tion of D	igital Podium d	& PTZ (Pan-tilt-z	coom) Camera		
2. Bu	2. Budget: From RF as per Comptroller Office order no.F.03/Comp./RF/SKNAU/2024-25/10701074								
	date:17/02/2025								
3. Las	3. Last Date and time for submission of Tender: 25.02.2025 at 11:00 AM								
	4. Date and time for opening of Tender: 25.02.2025 at 02:00 PM								
S.	Name	of	Specificat	Qua	Estimated	Price of	Amount of Bid		
No.	Article		ions	ntity	Price	Bidding	Security (Rupees)		
	 3.				(Rupees)	Document			
						(Rupees)			
As per Annexure 3			5.0 Lakh	590/-	@ 2 % of the				
1							bidding amount		

- (c) Our Bid shall be valid for a period of 120 days from the date fixed for the bid submission deadline in accordance with the Bidding Document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (d) If our Bid is accepted, we shall submit the Performance Security Declaration on Rs. 100 non judicial stamp for the due performance of the Contract;
- (e) Our firm, including any subcontractors or suppliers for any part of the Contract, have nationalities of India or other the eligible countries;
- (f) We are not participating, as Bidder in more than one Bid for supply of the subject Goods in this bidding process, other than alternative offers, if permitted, in the Bidding Document;
- (g) Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the Contract have not been debarred by the State Government or the Procuring Entity or a regulatory authority under any applicable law;
- (h) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed;
- (i) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive;
- (j) We agree to permit Government of Rajasthan or the Procuring Entity or their representatives to inspect our accounts and records and other documents relating to the bid submission and

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to have them audited by auditors appointed by them;

(o) GST registration certificate, PAN card and other

- (k) We declare that we have complied with and shall continue to comply with the provisions of the Code of Integrity including Conflict of Interest as specified for Bidders in the Rajasthan Transparency in Public Procurement Act, 2012, the Rajasthan Transparency in Public Procurement Rules, 2013 and this Bidding Document during the procurement process and execution of the Contract till completion of all our obligations under the Contract;
- (1) The fee for bidder form Rs.590/- has been submitted in Cash in the office of Director, RARI, Durgapura, Jaipur /DD in favour of Director, RARI, Durgapura, Jaipur along with DD of bid security amount of @ 2 % of the bidding amount favouring Director, RARI, Durgapura, Jaipur
- (m) The rate quoted for the procuring items in financial bid include all the taxes and other expenses. No other amount will be claimed except the rate quoted in financial bid.
 - (n) We are submitting our turn of last three year as per attached Annexure-G.

Name:			
In the capacity of:			Signed:
Date:			
Duly authorised to sign the	e Bid for and on behalf of:		Complete
Address			
Tal.	P	T	

Declaration by the Bidder regarding Qualification

Declaration by the Bidder
In relation to my/our Bid submitted to
I/We hereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act, 2012, that: 1. I/We possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity;
2. I/We have fulfilled my/our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the bidding document;
3. I/We are not insolvent in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons;
4. I/We do not have, and our directors and officers not have, been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have
offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings; 5. I/We do not have a conflict of interest as specified in the Act, Rules and Bidding
offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings; 5. I/We do not have a conflict of interest as specified in the Act, Rules and Bidding Document, which materially affects fair competition;

Annual Turn Over Certificate

This is to	certify	that	the	Annual	Turn	Over	for	the	last	three	year	of	the	firm
M/s			• • • • •	• • • • • • • • • • • • • • • • • • • •				is as	unc	ler. T	hese	data	are	true
and correct.	The A	udite	d/CA	\ certifie	d Bala	ince S	heet/	/Prof	it an	d Loss	s A/C	is a	ttacl	ied.

S. No.	Financial Year	Annual Turn Over (Rupees in Lakh)					
1	2023-24						
2	2022-23						
3	2021-22						
•	Total Turn Over						
	Average Turn Over						

Date:

Charted Accountant/Auditor

Signature with seal Name:
Registration No.:

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DECLARATION BY TENDERERS

We hereby declare that we are Bona-fide manufacturer/Authorized whole sellers/Sole distributors/Authorized Dealer Distributor/Sole Selling/Marketing Agent in the Goods/Store/equipment's/item for which we have tendered.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, our security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Signature of Tenderer with seal

Page **18** of **28**

DECLARATION BY TENDERERS

I/We hereby declare that we are not blacklisted by any Govt. Department/PSU/Company from last 3 years, wherever we have supplied placement work/service unit, for supplying sub standard goods/services to these units.

I/We also declare that I/We are not defaulter, insolvent in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons.

Signature of Tenderer with seal

FALL CLAUSE CERTIFICATE

This is to certify t	hat we have offere	d the maximum r	ossible discount	to you in our
Quotation No	dated			, 10 J 041
The prices charged for the than lowest prices at which Organisation/ PSU's/ Universities/Central/State "FALL CLAUSE" will be	ch the party sells the Central Govt,/Sta Educational Instituti	e items of identica ate Govt. Aut	al description to a conomous bodi	any other Govt. es/Central/State
In case, if the price charg excess charged amount from	ed by our firm is mom the subsequent/ur	ore, purchasing want paid bill of the su	rill have the right	t to recover the
		Seal and	d Signature of th	ie Tenderer

... Page **20** of **28**

FORM No. 1[See rule 83 of RTTP]

2012	Actually of Appear and the Rajasthan Transparency in Public Procurement Ac	ા,
Appeal	Noof	
Before t	ne (First / Second Appellate Authority)	
(i) Nar (ii) Off	iculars of appellant: ne of the appellant: cial address, if any: dential address:	
2. Nar (i) (ii) (iii)	ne and address of the respondent(s):	
auth omi	aber and date of the order appealed against and name and designation of the off ority who passed the order (enclose copy), or a statement of a decision, action assion of the Procuring Entity in contravention to the provisions of the Act by which llant is aggrieved:	on o
of th 5. Nur 6. Gro	e Appellant proposes to be represented by a representative, the name and postal address representative: aber of affidavits and documents enclosed with the appeal: ands of appeal:	ess
7. Pray	······(Supported by an affidavit) er:	
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Place		
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<u>Al</u>		
(on no-judicial stamp	paper of Rupees 100/-)	
IS/o	Aged	Years,
IS/o Residing at	Proprietor/Partner/Direct	ctor of
M/sdo hereby sole	mnly affirm and declare that	
(a) My/our above noted enterprises M		neen iggned
acknowledgement of Entrepreneurial Men	norandum non II by the Distric	t Industria
		the second secon
centre/Other Govt. Authority	acknowledger	ment No.
is dated and ha	as been issued for manufacture o	of tollowing
items:		
(i)		•
(ii).		
(iii)		
(iv)		
(v)		
(vi)		
(b) My/our above noted acknowledgement	of Entraprenaurial Mamarandum	non II has
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Deponent

NIB N

Financial/ Price Bid Submission Sheet

Date:_

(d)

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We, the a) We ha No.:		e that: ave no reserva		the Bidding Document, including Addenda ng Document and in accordance with the
specifi Schedi	cations, the deliver	y schedule an ollowing Good	d other Is and F	requirements as specified in Annexure-3, Related Services: Supply & Installation of
				Rupees
S. No	o. Specification	Standard	Qty.	Rate in figures & words (Rupees)
1	As per Annexu	re- 3		RateGST @ %
	Grand Total	In Number		TOTAL:
		In Figure		
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ii. Bid iii. Bid iv. Bid v. Bid Name:	date & time for obta Submission End Dat Opening Date & Tin ling Document Price Security Amount:Rs	e & Time: ne: : Rs.590/- Casl /- DI	n/DD (If D No	`through DD-DD No Date) Date:Bank
In the ca	pacity of:			
Signed:_		· · · · · · · · · · · · · · · · · · ·		
Date:				
Duly aut	horised to sign the B	id for and on b	ehalf of	(Name of Firm):
Type of]	Firm (Proprietor/Par	tnership):		
Complete	e Address of the firm	1		
Registrat	ion No			
PAN No.				
Bank Na				

Bank A/c No				
IFSC Code				
Tel:		Fax:	E-mail:	

Technical specification for Digital Podium & PTZ (Pan-tilt-zoom) Camera

S. No.	Item	Brand and Model	Qty. (No.)	Rates including GST & F.O.R. (Rs.)
1	Digital Podium		1	
2	PTZ Auto Tracking 4K AI Camera Specification		2	

Digital Podium Specification

Type of make	MS fabricated Sheet with metal sliding top and Lock.			
Touch Display	21" or above branded display with up - down facility			
Console Panel Port	VGA x 1, HDMI x 1, USB x 2, RJ45, Power, Input selection			
In-built processing	Intel i5, 11 gen. 4GB RAM, 128 GB SSD, 500GB HDD Wireless Keyboard			
system	& Mouse			
PDU	4 PDU socket 6 amp. and cooling fan			
In-built interactive	Interactive tools/ features like Pen, Magic Pen, Eraser, spot light, curtain, shape recognition, shape editing, infinite colour options for annotation, lines Et arrows, screen capture tools, import / export files, unlimited pages, page			
software	navigation, save page(s), Undo/ Redo, document camera and solution.			
	Capability of taking Snapshot from running video (Win plat form). Option of			
	auto replaying page without prior recording			
Document camera	3 MB Pixel image quality. Plug & Play, Inbuilt LED light NSIC certified			
Additional Accessories	Keyboard, Mouse			
Soft wheels	Moving podium with convenience			
Universal In-built Rack	Podium have an in-built Universal Rack for housing Amplifier, PC, DVD Player, etc			
Dimension	45"x25"x21.5"			
Brand	Brand should be registered in India for last 4 years			
OEM Office	OEM Should have office in state.			
Certificate	NSIC and ISO 9000 & 18000			
'Manufacturer's authorization	The bidder must submit the authorization certification			
	Gooseneck Mic x 1, Handheld Mic x 1, Cordless Collar Mic x 1.			
Audio System	Amplifier: 90 watt, (with option to connect input/output with an external amplifier) Speaker: 2 x 40 watt inbuilt.			
Warranty	1 year			
Front display	essential for customer logo display			
HDMI SOURCE SWICTHER & VIDEO MIXER				
HDMI Output	1xHDMI 19-pin female connector			
Format Compliance	HDMI1.4/HDMI2.0			
HDCP	HDCP1.4/HDCP2.2			
USB interface	TypeCx1, UVC and UAC			

Video Output	HDMI : 3840x2160@60Hz,3840x2160@30Hz, 1920x1080@60Hz,	
Resolution	1280x720@60Hz Type C: 1920x1080@30Hz, 1280x720@30Hz etc	
Audio Output	HDMI,USB, Jack(analog input)	
Input		
HDMI Input	1xHDMI 19-pin female connector	
Format Compliance	HDMI1.4	
HDCP	HDCP1.4	
USB interface	Rear:USB3.0 : TypeAx1;USB2.0:TypeAx1, Front:USB2.0 : TypeAx1,TypeCx1	
Ports	HDMI: 1920x1080@60Hz, 1280x720@60Hz USB3.0: 1920x1080@30Hz, 1280x720@30Hz etc. USB2.0:	
Video Input Resolution	1920x1080@30Hz, 1280x720@30Hz etc.	
Audio Input	HDMI,USB, Jack(analog input)	
Others		
Control connectors	3.5mmPhoenix terminal/RS232 interface	
LAN port	RJ45 x1: 1000Mbps, POE option (802.3af)	
Wi-fi	Supports Wi-fi 5 / 6	
Control method	Web GUI, Telnet, RS232, Key	
Dimension (WxDxH)	180mmx 95mmx 18mm	
Weight	TBD	
Operating Temperature	0°C to +45°C	
storage Temperature	$0^{\circ}\text{C to } +60^{\circ}\text{C}$	
Relative humidity	20%~ 85% RH no condensation)	
DC Power	12V	
Power Consumption	15W(MAX)	
Power adapter	AC100~240v 50/60Hz 12V/1.5A adapter with two plug-in,	
Features -		
	Supports 3 camera sources connection,1xUSB3.0,1xUSB2.0,1xHDMI1.4	
	HDMI input can be any HDMI source like laptop, document camera	
	Fast switching between 3 input sources	
	Mix videos from 3 input sources	
	Mixed layout can be defined in the web like picture in picture, side by side,	
	big and small.	
	1xHDMI2.0 output for local monitor,1xUSB-C(USB3.0) output for PC-	
	Support overlay company logo or text on the output video.	
· · · · · · · · · · · · · · · · · · ·	Audio and mixer through the Web-Controllable by LAN & RS-232	
	Cost-effective, reliable and simple to install (no driver required)	
Certificate	Compact and slim housing design with only 18mm height	
Commont	Product should be NSIC certified	

4K AI PTZ Auto Tracking Camera Specification

Video System	4K A1 P	Auto Tracking Camera Specification 4K@60fps,4K@59.97fps,4K@50fps,4K@30fps,
OPPG59.94fps.10801@59.4fps. 1080P29.97fps.720P@60fps.720P@59.94fps 1080P29.97fps.720P@60fps.720P@59.94fps 1080P29.97fps.720P@60fps.720P@59.94fps 1080P29.97fps.720P@60fps.720P@59.94fps 1080P29.97fps.720P@60fps.720P@59.94fps 1080P29.97fps.720P@60fps.720P@59.94fps 1080P29.97fps.720P@60fps.720P@59.94fps 1080P29.97fps.720P@60fps.94fps 1080P29.97fps.720P@60fps H.264 AVC: Max 2160P@60fps H.264 SVC: Max 2160P@60fps MPEG: maximum 4 k @ 30 FPS 1080P29.97fps.720P@60fps AU26.10Fps 1080P29.97fps.720P29.97fps 1080P29.97fps 1080P29.97		
1080P29.97fps.720P@60fps.720P@59.94fps 1/2.5	Video System	
1.2.5 inch,		
Sensor effective pixels: 8.4M / 8.5M Scanning Mode Progressive Lens 12x, f = 3.47mm -41.65mm, F 1.8 to 1.84 ~ F 3.6 to 3.72 Digital-Zoom 16x Minimal Illumination 0.5Lux @ (F1.8, AGC ON) Shutter 1/30s ~ 1/10000s White Balance Auto, indoor, outdoor, one-push, manual Backlight Compensation Support Digital Noise Reduction 3D digital noise reduction Video S/N ≥50 dB Horizontal Angle of View 80° ~ 7° Horizontal Rotation Range ±170° Pan Speed Range 1.7° ~ 60.9°/s H & V Flip Support (built-in gravity sensor) Image Proeze Support Number of Preset 255 Preset Accuracy 0.1° Color System / Compression YUY2 / H.264 / MJPEG Video Format YUY2 / Max 1080 @ 60 fps H.264 AVC: Max 2160 P @ 60 fps H.264 SVC: Max 2160 P @ 60 fps H.264 SVC: Max 2160 P @ 60 fps M.264 SVC: Max 2160 P @		
Lens 12x, f = 3.47mm → 41.65mm, F 1.8 to 1.84 ~ F 3.6 to 3.72 Digital-Zoom 16x Minimal Illumination 0.5Lux @ (F1.8, AGC ON) Shutter 1/30s ~ 1/10000s White Balance Auto, indoor, outdoor, one-push, manual Backlight Compensation Support Digital Noise Reduction 3D digital noise reduction Video S/N ≥50 dB Horizontal Angle of View 80° ~ 7° Horizontal Rotation Range ±170° Pan Speed Range 1.7° ~ 100°/s Till Speed Range 1.7° ~ 69.9°/s H & V Flip Support (built-in gravity sensor) Image Freeze Support Number of Preset 255 Preset Accuracy 0.1° Color System / Compression YUY2 / H.264 / MJPEG Video Format YUY2: Max 1080P@60fps H.264 AVC: Max 2160P@60fps H.264 SVC: Max 2160P@60fps H.264 SVC: Max 2160P@60fps H.264 SVC: Max 2160P@60fps H.264 SVC: Max 2160P@60fps MJPEG: maximum 4 k @ 30 FPS Audio on USB Support USB Video Communication UVC 1.1~1.5 UVC PTZ Support Video Stream Main stream, sub strea	Sensor	
Digital Zoom	Scanning Mode	Progressive
Digital Zoom 16x Minimal Illumination 0.5Lux @ (F1.8, AGC ON) Shutter 1/30s ~ 1/10000s White Balance Auto, indoor, outdoor, one-push, manual Backlight Compensation Support Jojital Noise Reduction 3D digital noise reduction Video S/N ≥50 dB Horizontal Angle of View 80° ~ 7° Horizontal Rotation Range ±170° Pan Speed Range 1.7° ~ 100°/s Tilt Speed Range 1.7° ~ 69.9°/s H & V Flip Support (built-in gravity sensor) Image Freeze Support Number of Preset 255 Preset Accuracy 0.1° Color System / Compression YUY2 / H.264 / MIPEG Video Format YUY2: Max 1080P@60fps H.264 AVC: Max 2160P@60fps H.264 SVC: Max 2160P@60fps H.26	Lens	
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White BalanceAuto, indoor, outdoor, one-push, manualBacklight CompensationSupportDigital Noise Reduction3D digital noise reductionVideo S/N $\geq 50 \text{ dB}$ Horizontal Angle of View $80^{\circ} \sim 7^{\circ}$ Horizontal Rotation Range $\pm 170^{\circ}$ Pan Speed Range $1.7^{\circ} \sim 100^{\circ}/s$ Tilt Speed Range $1.7^{\circ} \sim 69.9^{\circ}/s$ H & V FlipSupport (built-in gravity sensor)Image FreezeSupportPoESupportNumber of Preset 255 Preset Accuracy 0.1° Color System / Compression 255 Video FormatYUY2 / H.264 / MJPEGVideo FormatYUY2 / Max $1080P@60fps$ H.264 AVC: Max $2160P@60fps$ H.264 SVC: Max $2160P@60fps$ H.264 SVC: Max $2160P@60fps$ MJPEG: maximum $4 k @ 30 FPS$ UVC PTZSupportUSB Video CommunicationUVC $1.1 \sim 1.5$ UVC PTZSupportVideo StreamMain stream, sub streamMain Stream Resolution $3840x2160, 1920x1080, 1280x720, 1024x576, etc$ Sub Stream Resolution $720x576, 720x480, 320x240, etc$ Video Bit Rate $32kbps \sim 102400kbps$ Bit Rate Type $72nx56, 60Hz: 1fps \sim 50fps, 60Hz: 1fps \sim 60fps$ Audio Compression $AAC, G711,$ Audio Bit Rate $48Kbps, 64Kbps, 96Kbps, 128Kbps$	Minimal Illumination	0.5Lux @ (F1.8, AGC ON)
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Video S/N ≥50 dB Horizontal Angle of View 80° ~ 7° Horizontal Rotation Range ±170° Pan Speed Range 1.7° ~ 100°/s Tilt Speed Range 1.7° ~ 69.9°/s H & V Flip Support (built-in gravity sensor) Image Freeze Support Number of Preset 255 Preset Accuracy 0.1° Color System / Compression YUY2 / H.264 / MJPEG Video Format YUY2: Max 1080P@60fps H.264 AVC: Max 2160P@60fps H.264 SVC: Max 2160P@60fps MJPEG: maximum 4 k @ 30 FPS Audio on USB Support USB Video Communication UVC 1.1~1.5 UVC PTZ Support Video Compression H.265/H.264/MJPEG Video Stream Main stream, sub stream Main Stream Resolution 3840x2160, 1920x1080, 1280x720, 1024x576, etc Video Bit Rate 32kbps~102400kbps Bit Rate Type Variable bit rate, fixed bit rate Frame Rate 50Hz: 1fps~50fps, 60Hz:1fps~60fps Audio Compression AAC, G711, Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps	Backlight Compensation	Support
Horizontal Angle of View 80° ~ 7°	Digital Noise Reduction	3D digital noise reduction
Horizontal Rotation Range ±170° Pan Speed Range 1.7° ~ 69.9°/s It Speed Range 1.7° ~ 69.9°/s H & V Flip Support (built-in gravity sensor) Image Freeze Support Number of Preset 255 Preset Accuracy 0.1° Color System / Compression YUY2 / H.264 / MJPEG Video Format YUY2. Max 1080P@60fps H.264 AVC: Max 2160P@60fps H.264 SVC: Max 2160P@60fps H.264 SVC: Max 2160P@60fps MJPEG: maximum 4 k @ 30 FPS Audio on USB Support USB Video Communication UVC 1.1~1.5 UVC PTZ Support Video Compression H.265/H.264/MJPEG Video Stream Main stream, sub stream Main Stream Resolution 3840x2160, 1920x1080, 1280x720, 1024x576, etc Sub Stream Resolution 720x576, 720x480, 320x240, etc Video Bit Rate 32kbps-102400kbps Bit Rate Type Variable bit rate, fixed bit rate Frame Rate 50Hz: 1fps-50fps, 60Hz: 1fps-60fps Audio Compression AAC, G711, Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps	Video S/N	≥50 dB
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Tilt Speed Range 1.7° ~ 69.9°/s H & V Flip Support (built-in gravity sensor) Image Freeze Support PoE Support Number of Preset 255 Preset Accuracy 0.1° Color System / Compression YUY2 / H.264 / MJPEG Video Format YUY2: Max 1080P@60fps H.264 AVC: Max 2160P@60fps H.264 SVC: Max 2160P@60fps MJPEG: maximum 4 k @ 30 FPS Audio on USB Support USB Video Communication UVC 1.1~1.5 UVC PTZ Support Video Compression H.265/H.264/MJPEG Video Stream Main stream, sub stream Main Stream Resolution 3840x2160, 1920x1080, 1280x720, 1024x576, etc Sub Stream Resolution 720x576, 720x480, 320x240, etc Video Bit Rate 32kbps~102400kbps Bit Rate Type Variable bit rate, fixed bit rate Frame Rate 50Hz: 1fps~50fps, 60Hz: 1fps~60fps Audio Compression AAC, G711, Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps		±170°
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Image Freeze Support	Tilt Speed Range	$1.7^{\circ} \sim 69.9^{\circ}/s$
PoE Support Number of Preset 255 Preset Accuracy 0.1° Color System / Compression YUY2 / H.264 / MJPEG Video Format YUY2: Max 1080P@60fps H.264 AVC: Max 2160P@60fps H.264 SVC: Max 2160P@60fps MJPEG: maximum 4 k @ 30 FPS Audio on USB Support USB Video Communication UVC 1.1~1.5 UVC PTZ Support Video Compression H.265/H.264/MJPEG Video Stream Main stream, sub stream Main Stream Resolution 3840x2160, 1920x1080, 1280x720, 1024x576, etc Sub Stream Resolution 720x576, 720x480, 320x240, etc Video Bit Rate 32kbps~102400kbps Bit Rate Type Variable bit rate, fixed bit rate Frame Rate 50Hz: 1fps~50fps, 60Hz:1fps~60fps Audio Compression AAC、G711, Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps	H & V Flip	Support (built-in gravity sensor)
Number of Preset 255 Preset Accuracy 0.1° Color System / Compression YUY2 / H.264 / MJPEG Video Format YUY2: Max 1080P@60fps H.264 AVC: Max 2160P@60fps H.264 SVC: Max 2160P@60fps MJPEG: maximum 4 k @ 30 FPS Audio on USB Support USB Video Communication UVC 1.1~1.5 UVC PTZ Support Video Compression H.265/H.264/MJPEG Video Stream Main stream, sub stream Main Stream Resolution 3840x2160, 1920x1080, 1280x720, 1024x576, etc Sub Stream Resolution 720x576, 720x480, 320x240, etc Video Bit Rate 32kbps~102400kbps Bit Rate Type Variable bit rate, fixed bit rate Frame Rate 50Hz: 1fps~50fps, 60Hz:1fps~60fps Audio Compression AAC、G711, Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps	Image Freeze	Support
Preset Accuracy Color System / Compression Video Format Video Format Video Format Audio on USB Support UVC 1.1~1.5 UVC PTZ Video Compression Video Stream Main Stream Resolution Main Stream Resolution Sub Stream Resolution Sub Stream Resolution Video Bit Rate Video Bit Rate Sub Strate Sub Stream Rate Frame Rate Audio Compression AAC、G711, Audio Bit Rate VUY2 / H.264 / MJPEG Aux 1080 P@60 fps H.264 AVC: Max 2160 P@60 fps H.264 SVC: Max 2160 P@60 fps MJPEG: maximum 4 k @ 30 FPS Aux 2160 P@60 fps MJPEG: maximum 4 k @ 30 FPS	PoE	Support
Color System / Compression YUY2 / H.264 / MJPEG Video Format YUY2: Max 1080P@60fps H.264 AVC: Max 2160P@60fps H.264 SVC: Max 2160P@60fps MJPEG: maximum 4 k @ 30 FPS Audio on USB Support 'USB Video Communication UVC 1.1~1.5 UVC PTZ Support Video Compression H.265/H.264/MJPEG Video Stream Main stream, sub stream Main Stream Resolution 3840x2160, 1920x1080, 1280x720, 1024x576, etc Sub Stream Resolution 720x576, 720x480, 320x240, etc Video Bit Rate 32kbps~102400kbps Bit Rate Type Variable bit rate, fixed bit rate Frame Rate 50Hz: 1fps~50fps, 60Hz:1fps~60fps Audio Compression AAC、G711, Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps	Number of Preset	255
Compression YUY2 / H.264 / MJPEG Video Format YUY2: Max 1080P@60fps H.264 AVC: Max 2160P@60fps H.264 SVC: Max 2160P@60fps MJPEG: maximum 4 k @ 30 FPS Audio on USB Support USB Video Communication UVC 1.1~1.5 UVC PTZ Support Video Compression H.265/H.264/MJPEG Video Stream Main stream, sub stream Main Stream Resolution 3840x2160, 1920x1080, 1280x720, 1024x576, etc Sub Stream Resolution 720x576, 720x480, 320x240, etc Video Bit Rate 32kbps~102400kbps Bit Rate Type Variable bit rate, fixed bit rate Frame Rate 50Hz: 1fps~50fps, 60Hz:1fps~60fps Audio Compression AAC、G711, Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps	Preset Accuracy	0.1°
Max 2160P@60fps MJPEG: maximum 4 k @ 30 FPS Audio on USB Support USB Video Communication UVC 1.1~1.5 UVC PTZ Support Video Compression H.265/H.264/MJPEG Video Stream Main stream, sub stream Main Stream Resolution 3840x2160, 1920x1080, 1280x720, 1024x576, etc Sub Stream Resolution 720x576, 720x480, 320x240, etc Video Bit Rate 32kbps~102400kbps Bit Rate Type Variable bit rate, fixed bit rate Frame Rate 50Hz: 1fps~50fps, 60Hz:1fps~60fps Audio Compression AAC、G711, Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps		YUY2 / H.264 / MJPEG
TUSB Video Communication UVC 1.1~1.5 UVC PTZ Support Video Compression H.265/H.264/MJPEG Video Stream Main stream, sub stream Main Stream Resolution 3840x2160, 1920x1080, 1280x720, 1024x576, etc Sub Stream Resolution 720x576, 720x480, 320x240, etc Video Bit Rate 32kbps~102400kbps Bit Rate Type Variable bit rate, fixed bit rate Frame Rate 50Hz: 1fps~50fps, 60Hz: 1fps~60fps Audio Compression AAC, G711, Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps	Video Format	YUY2: Max 1080P@60fps H.264 AVC: Max 2160P@60fps H.264 SVC: Max 2160P@60fps MJPEG: maximum 4 k @ 30 FPS
UVC PTZSupportVideo CompressionH.265/H.264/MJPEGVideo StreamMain stream, sub streamMain Stream Resolution3840x2160, 1920x1080, 1280x720, 1024x576, etcSub Stream Resolution720x576, 720x480, 320x240, etcVideo Bit Rate32kbps~102400kbpsBit Rate TypeVariable bit rate, fixed bit rateFrame Rate50Hz: 1fps~50fps, 60Hz:1fps~60fpsAudio CompressionAAC, G711,Audio Bit Rate48Kbps, 64Kbps, 96Kbps, 128Kbps	Audio on USB	Support
Video Compression H.265/H.264/MJPEG Video Stream Main stream, sub stream Main Stream Resolution 3840x2160, 1920x1080, 1280x720, 1024x576, etc Sub Stream Resolution 720x576, 720x480, 320x240, etc Video Bit Rate 32kbps~102400kbps Bit Rate Type Variable bit rate, fixed bit rate Frame Rate 50Hz: 1fps~50fps, 60Hz:1fps~60fps Audio Compression AAC, G711, Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps	'USB Video Communication	UVC 1.1~1.5
Video StreamMain stream, sub streamMain Stream Resolution3840x2160, 1920x1080, 1280x720, 1024x576, etcSub Stream Resolution720x576, 720x480, 320x240, etcVideo Bit Rate32kbps~102400kbpsBit Rate TypeVariable bit rate, fixed bit rateFrame Rate50Hz: 1fps~50fps, 60Hz:1fps~60fpsAudio CompressionAAC、G711,Audio Bit Rate48Kbps, 64Kbps, 96Kbps, 128Kbps	UVC PTZ	Support
Main Stream Resolution3840x2160, 1920x1080, 1280x720, 1024x576, etcSub Stream Resolution720x576, 720x480, 320x240, etcVideo Bit Rate32kbps~102400kbpsBit Rate TypeVariable bit rate, fixed bit rateFrame Rate50Hz: 1fps~50fps, 60Hz:1fps~60fpsAudio CompressionAAC、G711,Audio Bit Rate48Kbps, 64Kbps, 96Kbps, 128Kbps	Video Compression	H.265/H.264/MJPEG
Sub Stream Resolution 720x576, 720x480, 320x240, etc Video Bit Rate 32kbps~102400kbps Bit Rate Type Variable bit rate, fixed bit rate Frame Rate 50Hz: 1fps~50fps, 60Hz:1fps~60fps Audio Compression AAC, G711, Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps	Video Stream	Main stream, sub stream
Video Bit Rate32kbps~102400kbpsBit Rate TypeVariable bit rate, fixed bit rateFrame Rate50Hz: 1fps~50fps, 60Hz:1fps~60fpsAudio CompressionAAC、G711,Audio Bit Rate48Kbps, 64Kbps, 96Kbps, 128Kbps	Main Stream Resolution	3840x2160, 1920x1080, 1280x720, 1024x576, etc
Bit Rate Type Variable bit rate, fixed bit rate Frame Rate 50Hz: 1fps~50fps, 60Hz:1fps~60fps Audio Compression AAC, G711, Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps	Sub Stream Resolution	720x576, 720x480, 320x240, etc
Frame Rate 50Hz: 1fps~50fps, 60Hz:1fps~60fps Audio Compression AAC、G711, Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps	Video Bit Rate	32kbps~102400kbps
Frame Rate 50Hz: 1fps~50fps, 60Hz:1fps~60fps Audio Compression AAC, G711, Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps	Bit Rate Type	Variable bit rate, fixed bit rate
Audio Compression AAC、G711, Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps	Frame Rate	
Audio Bit Rate 48Kbps, 64Kbps, 96Kbps, 128Kbps	Audio Compression	
	Audio Bit Rate	48Kbps, 64Kbps, 96Kbps, 128Kbps
	Support protocols	

OEM	ISO 45001, 50000 with NSIC 5yr old make in India company	
HD Output	1x HDMI: Version 2.0 , 1x 3G-SDI: BNC type, 800mVp-p, 75 Ω , along to SMPTE 424M standard	
Network Interface	1x RJ45: 10M/100M/1000M adaptive Ethernet	
Audio Interface	1x 3.5mm audio interface, Line in	
USB	1x USB3.0, type-c	
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P, 1xRS232 Out: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only, 1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P (optional)	
RESTORE button	Support	
Power Jack	JEITA type (DC IN 12V)	
Certificate	BIS, CE, FCC, NSIC, Make in India	