

Bid Document/ बिड दस्तावेज

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	10-10-2023 18:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	10-10-2023 18:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	180 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Education
Department Name/विभाग का नाम	Department Of Higher Education
Organisation Name/संगठन का नाम	Indian Institute Of Technology (iit)
Office Name/कार्यालय का नाम	Indore
Total Quantity/कुल मात्रा	1
Item Category/मद केटगरी	High-Speed Camera (Q3)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	32 Lakh (s)
OEM Average Turnover (Last 3 Years)/मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)	64 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	3 Year (s)
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes

Bid Details/बिड विवरण	
Document required from seller/विक्रेता से मांगे गए दस्तावेज	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC),Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance/विगत प्रदर्शन	10 %
Bid to RA enabled/बिड से रिवर्स नीलागी सक्रिय किया	No
RCM Applicable/लागू आरसीएम	Yes
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	4 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
Financial Document Required/वित्तीय दस्तावेज की आवश्यकता है।	Yes

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	79000

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	10.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	14

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई कैटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के

द्वारे से बाहर रखा गया है।

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

Beneficiary/लाभार्थी :

Registrar IIT Indore

Indore, Department of Higher Education, Indian Institute of Technology (IIT), Ministry of Education
(Registrar)

Splitting/विभाजन

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

MII Purchase Preference/एमआईआई खरीद वरीयता

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

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM (themselves or through reseller(s)) should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
5. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
6. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum

local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

OM No.1 4 2021 PPD dated 18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

7. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023

OM No.1 4 2021 PPD dated 18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

8. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Section 9(3) Of GST/जीएसटी की धारा 9(3)।

Where ever RCM is applicable, sellers (Regular GST registered seller who opted out of FCM , unregistered seller, seller registered under composition scheme)will be forced to put Zero GST and GST cess in their bids, Buyer will have liability of paying the GST and GST cess to the government on the specified rate mentioned by them in this Bid.

High-Speed Camera (1 box)

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

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रैत विशिष्टि दस्तावेज़	Download
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Installation Commissioning and Testing (ICT) details for the above item:

% of Product Cost Payable on Product Delivery	80%
Min Cost Allocation for ICT as a % of product cost	20%
Number of days allowed for ICT after site readiness communication to seller	15 Days/दिन
GST as per RCM	18%
GST Cess 1 as per RCM	18%
Optional RCM	Yes

Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट	RCM Applicable/लागू आरसीएम	GST as per RCM/रिवर्स प्रभार के अनुसार जीएसटी	GST Cess 1 as per RCM/रिवर्स प्रभार के अनुसार जीएसटी उपकर 1	GST Cess 2 as per RCM	Optional RCM/वैकल्पिक रिवर्स प्रभार
NA	NA	Yes	18%	9%	9 (INR) - Per Unit	Yes

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

S.No./क्र. सं.	Consignee Reporting/Officer/परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Prashant Sahu	453552,IIT Indore, Khandwa Road, Simrol, Indore	1	90

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

1. Service & Support

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

2. Generic

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address

Micro Fluidics and droplet dynamics lab
1B-405
IIT indore
M.p.
Pin- 453552

3. Turnover

Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

4. Forms of EMD and PBG

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

Registrar IIT indore
Account No.
1476101027440
IFSC Code
CNRB0006223
Bank Name
Canara bank
Branch address
Simrol IIT branch., Simrol M.p. 452020

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

5. Generic

Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

6. Generic

Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the market and has at least 3 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

7. Buyer Added Bid Specific ATC

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

8. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

9. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

10. Generic

Consortium: In case of Contracts, wherein the seller alone does not have necessary expertise, the seller can form consortium with other sellers for submission of the bid, with one of the consortium company as leader. However, each and every member of the consortium shall be equally responsible for the complete execution of the project contract. An undertaking to this effect is to be uploaded with bid.

11. Warranty

Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

12. Service & Support

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

13. Generic

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

14. Service & Support

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

15. Generic

End User Certificate: Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.

16. Generic

Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.

17. Certificates

ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.

18. Generic

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

19. OEM

IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

20. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

21. Turnover

OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.

22. Past Project Experience

Proof for Past Experience and Project Experience clause: For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria: a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed, b. Execution certificate by client with contract value, c. Any other document in support of contract execution like Third Party Inspection release note, etc. **Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria: a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed, b. Execution certificate by client with contract value, c. Any other document in support of contract execution like Third Party Inspection release note, etc.

23. Generic

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

24. Generic

1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

25. Generic

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

26. Warranty

Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 7 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

27. Past Project Experience

The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:

- (i) Single order of at least 35% of estimated bid value; or
- (ii) Two orders of at least 20% each of estimated bid value; or
- (iii) Three orders of at least 15% each of estimated bid value.

Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should

be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion

28. Forms of EMD and PBG

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

Registrar IIT Indore

Account No.

1476101027440

IFSC Code

CNRB0006223

Bank Name

CANERA BANK

Branch address

Simrol IITI branch, simrol m.p.-452020

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

29. Warranty

Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.

30. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

31. Purchase Preference (Centre)

Purchase Preference linked with Local Content (PP-LC) Policy:

The bid clause regarding "Preference to Make In India products" stands modified in this bid and shall be governed by the PPLC Policy No. FP-20013/2/2017-FP-PNG dated 17.11.2020 issued by MoP&NG as amended up to date. Accordingly, bidders with Local Content less than or equal to 20% will be treated as "Non Local Supplier". The prescribed LC shall be applicable on the date of Bid opening. Sanctions on the bidders for false / wrong declaration or not fulfilling the Local Content requirement shall be as per the PPLC policy. Further following additional provisions are added in the certification and verification of local content provision of the Preference to Make in India clause:

- i. In case of foreign bidder, certificate from the statutory auditor or cost auditor of their own office or subsidiary in India giving the percentage of local content is also acceptable. In case office or subsidiary in India does not exist or Indian office/subsidiary is not required to appoint statutory auditor or cost auditor, certificate from practicing cost accountant or practicing chartered accountant giving the percentage of local content is also acceptable.
- ii. Along with Each Invoice: The local content certificate (issued by statutory auditor on behalf of procuring company) shall be submitted along with each invoice raised. However, the % of local content may vary with each invoice while maintaining the overall % of local content for the total work/purchase of the pro-rata local content requirement. In case, it is not satisfied cumulatively in the invoices raised up to that stage, the supplier shall indicate how the local content requirement would be met in the subsequent stages.
- iii. The bidder shall submit an undertaking from the authorized signatory of bidder having the Power of Attorney along with the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract.

32. Generic

Manufacturer Authorization: Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

33. Financial Criteria

NET WORTH: Net Worth of the OEM should be positive as per the last audited financial statement.

34. Generic

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process.
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to

such representations.

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।

---Thank You/धन्यवाद---



भारतीय प्रौद्योगिकी संस्थान इंदौर
सिमरोल, खंडवा रोड, इंदौर, पिन- 453552

Indian Institute of Technology Indore
Simrol, Khandwa Road, Indore- 453552

GeM BOQ Bidding Document

For

Supply and Installation of
High-Speed Camera



GeM
Government
e Marketplace


Document to be submitted online on GeM
for
(Technical & Financial Bid as per Schedule of requirement)

अनुभाग-1 / SECTION- I**निविदा की अनुसूची/ SCHEDULE OF TENDER**

Sl. No.	Event	Date and Time/ Remarks
01	Commencement of Downloading of Tender Document	September 18, 2023 https://gem.gov.in and https://www.iiti.ac.in/tender
06	Last date & Time of Submission of Bids Online (Technical and Financial Bid)	October 10, 2023 up till 6.00 PM, (IST) Please refer NIT Documents
07	Date & Time of Opening of Technical Bids	October 10, 2023, at 6.30 PM, (IST) Please refer NIT Documents
08	All communications with respect to the tender shall be addressed to:	Assistant Registrar, MM Section 4th Floor, Abhinandan Bhavan (West Wing), Indian Institute of Technology, Indore, Khandwa Road Simrol, Indore- 453552, Tel.: 0731-660 Ext 3551/3580/3592, Email: mms@iiti.ac.in
09	For any assistance required	GeM Portal website: www.gem.gov.in GeM Portal Help Desk Toll-Free No.: 1800-419-3436

Note:

- 1) Pre-bid meeting is essential for vendors to attend for better comprehension of Institute's requirements.
- 2) Prospective bidders are advised to submit their doubts/questions/clarifications as per Annexure-VIII, if any, bearing tender no., title and marked "Queries for Pre-Bid Meeting" through Mail, (Mail ID: mms@iiti.ac.in) as per the schedule mentioned above.
- 3) If the tender doesn't open on the above-mentioned date, because of any unforeseen circumstances, then the next working day will be considered as the tender-opening date.


Assistant Registrar
MM Section, IIT, Indore

सहायक कुलसचिव
(सामग्री प्रबंधन विभाग)
Assistant Registrar
(Materials Management Section)

सहायक कुलसचिव
(सामग्री प्रबंधन विभाग)
Assistant Registrar
(Materials Management Section)

अनुभाग-2 /SECTION - II

विशेष नियम एवं शर्तें / SPECIAL TERMS AND CONDITIONS

1. **Requirement of registration:** Vide Ministry of Finance OM No. 6/18/2019-PPD dated 23rd July 2020.

- a. Any bidder from a country sharing a land border with India will be eligible to bid in this tender only if the bidder is registered with the Department for Promotion of Industry and Internal Trade (DPIIT).
- b. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.
- c. "Bidder from a country which shares a land border with India" for the purpose of this Order means:
 - i. An entity incorporated, established or registered in such a country; or
 - ii. A subsidiary of an entity incorporated, established or registered in such a country; or
 - iii. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - iv. An entity whose beneficial owner is situated in such a country; or
 - v. An Indian (or other) agent of such an entity; or
 - vi. A natural person who is a citizen of such a country; or
 - vii. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

2. **Payment: No advance payment will be made in any case.** Payment will be released through wire transfer/bank RTGS transfer after Supply, installation testing, inspection & commissioning of the item(s) and if found satisfactory with regard to quality, quantity and specifications ordered. The payment will be released after statutory deductions within 30 days. For the payment, the firm has to submit Supplier's Invoice indicating, inter alia description and specification of the goods, quantity, unit price, total value; challans(s), Manufacturer's guarantee certificate; bank details/cancelled cheque, installation report, performance bank guarantee (if asked) etc. to the Assistant Registrar MM Section, IIT Indore.

a) In case of indigenous, the payment term may be

- (i) 80% of the unit cost will be paid against delivery of the goods received in good conditions at IIT Indore and accepted by the user department.
- (ii) 20% of the balance of each unit cost will be paid after satisfactory Installation, Commissioning, Testing & Training of the IIT employees and submission of performance bank guarantee.

3. **Performance Security:**

- a. Within fourteen days (or any other period mentioned in Tender Document or Contract) after the issue of Purchase Order by the Procuring Entity, the firm shall furnish to the IITI, performance security, valid up to **sixty days** after the date of completion of all contractual obligations by the contractor, including the warranty obligations.

TENDER No.: IITI(MM)/ME(PRJ)/1/1A/188/AM/2023-24

- b. The **10%** amount of the order value shall be stipulated in Tender Document or Contract denominated in Indian Rupees or the currency of the contract and shall be in one of the following forms:
- I. Unless otherwise stipulated in Tender Document or Contract, Account Payee Demand Draft or Fixed Deposit Receipt or Banker's Cheque is drawn on any commercial bank in India, favoring the authority mentioned in therein (or FA&CAO of the Procuring Organisation, if not mentioned).
 - II. Bank Guarantee issued by a commercial bank in India, in the prescribed form provided in Format 1.3.
- c. If the contractor, having been called upon by the Procuring Entity to furnish Performance Security, fails to do so within the specified period, it shall be lawful for the Procuring Entity at its discretion to annul the award and enforce Bid Securing Declaration (in lieu of forfeiture of the Bid Security), besides taking any other administrative punitive action like 'Removal from List of Registered Suppliers' etc.
4. **PREDISPATCH-** The firm should arrange the pre-dispatch inspection prior to packing & dispatching of the item if asked by the IIT Indore. The firm should share the entire details of the quoted items with original images, catalog and schematic diagrams before packing. Virtual/Online or physical inspection may be done by the IIT Indore technical committee.
5. Items should be delivered only on Working Days (Monday to Friday) during office Hours only i.e. between 10.00 am to 04.00 pm.
6. **PRE- INSTALLATION:** Please also mention the pre-installation requirements for the equipment like ambient temperature, humidity, civil work, weather specifications, power specifications, etc. When items are provided full performance satisfaction should be demonstrated.
7. **INSTALLATION & COMMISSIONING:** BIDDER shall be responsible for installation / demonstration wherever applicable and for after sales service during the warranty period and thereafter as mentioned in the contract. Installation demonstration to be arranged by the supplier free of cost and the same is to be done within **15 days** of the arrival of the equipment at site. **For delayed in delivery or in satisfactory, installation, commissioning, testing & training the liquidated damages will be imposed @ 0.5% (Half Percent) per week subject to a maximum of 10% of the total value of supply order & beyond 10% subject to approval of IIT Indore.**
8. **Liquidated Damages:** -As Time is the essence of an order, the date of delivery should be strictly adhered to, otherwise the delivery in full or in part may not be accepted and penalty for late delivery will be imposed @ 0.5% (Half Percent) per week subject to a maximum of 10% of the total value of supply order & beyond 10% subject to approval of IIT Indore. In case of delay in satisfactory Installation Commissioning, Testing, Training, Inspection, Certification etc. also the same rate of penalty shall be leviable. Non- Delivery of material/service may lead to forfeiture of PBG and debarment of the supplier.
9. **Delivery: Free delivery at IIT Indore in case of indigenous orders.**
10. In case equipment offered requires maintenance after the expiry of the warranty, please indicate the approximate cost of comprehensive and on-call basis maintenance and also the availability of local support or otherwise.
11. Please note clearly that the Bids sent through FAX, E-mail, by hand and/or by any post/courier shall not be accepted/ processed, in any case.
12. **Format for Price Breakup (FORM-X) must be uploaded at the time of Price bid submission.**
Non-Compliance of the above condition at point no. 12 by the bidders will amount to non-eligibility for which tender has been floated and its bid shall be liable to be rejected summarily.

Benefits to Micro and Small Enterprises (MSEs)/Start-Up:

- i. With reference to the Order of the Ministry of MSME, under the Public Procurement Policy March 2012, Micro and Small Enterprises shall be entitled for benefits, subject to terms and conditions, as under:
 - a) The registration shall be valid as on date of placement of order. A self- attested photocopy of the UDHAYM REGISTRATION certificate should be submitted. The registration must be for the items/category of items /services relevant to the tendered items/category of items/services as a MANUFACTURER OR SERVICE PROVIDER as Major Activity.
 - b) **If the bidder is a MSME, it shall declare in the bid document the Udyog Adhar Memorandum Number issue to it under MSMED Act, 2006. If a MSME bidder do not furnish the UAM Number along with bid documents, such MSME unit will not be eligible for the benefits available under Public Procurement Policy for MSEs order 2012."**
 - c) The benefit as above to MSEs shall be available only for Goods produced and services rendered by MSEs. However, trader/sellers/distributors/authorized agents will not be considered for availing benefits under PP Policy 2012 for MSEs as per MSE guidelines issued by MoMSME.
 - d) **Purchase Preference for MSE:**
 - i. Price quotation in tenders: In tender, participating Micro and Small Enterprises, quoting price within price band of L1+15 percent shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a Micro and Small Enterprise and such MSE shall be allowed to supply up to 25 per cent of total tender value..
 - ii. In case that two or more MSEs are within the L1 +15% band, all such MSEs will be offered the opportunity to match the L1 rate and 25% of the order will be shared equally by them.
- ii **Startup(s):** Relaxation regarding prior turnover and prior experience is applicable only to all startups recognized by Department for Promotion of Industry & Internal Trade (DPIIT) subject to meeting of quality and technical specifications. Startups may be MSMEs or otherwise. However, they must enclose valid self-attested registration certificate(s) along with the tender to this effect.

Public Procurement (Preference to Make in India), Order 2017

- i. IITI shall compare all substantially responsive bids to determine the lowest valued bid. This Institute is following and abide with the Public Procurement (Preference to Make in India), Order 2017, DIPP, MoCI Order No. P-45021/2/2017-B.E.II dated 15th June 2017 and its subsequent amendments. Accordingly, preference will be given to the Make in India products while evaluating the bids, however, it is the sole responsibility of the bidder(s) to specify the product quoted by them is of Make in India product along with respective documentary evidence as stipulated in the aforesaid order in the technical bid itself.
- ii. As per the above order and its subsequent amendments "Local Content" means the amount of value added in India which shall be value of the item procured (excluding net domestic indirect taxes) minus the value of the imported content in the item (including all the custom duties) as a proportion of the total value, in percent. Accordingly, the suppliers will be classified in the following categories.
 1. Class I local Supplier – has local content minimum 50%
 2. Class II local Supplier – has local content minimum 20% but less than 50%.
- iii. **Verification of Local Content:**

The Class I Local Supplier /Class II Local Supplier at the time of bidding shall be required to indicate the percentage of local content and provide self-certification as per Annexure that the items offered meet the local content requirement. The details of the location(s) at which the local value addition is made also needs to be specified.

False declarations will be in breach of the Code of Integrity under Rule 175 (1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

- iv. **Purchase preference** shall be given to Class I local suppliers in all procurements undertaken by the purchaser in the following manner:
- a. **Among all qualified bids, the lowest bid will be termed as L1.** If L1 is from a 'Class-I local supplier', the contract for full quantity will be awarded to L1.
 - b) **If L1 bid is not a 'Class-I local supplier'**, 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the 'Class-I local supplier' will be invited to match the L1 price for the remaining 50% quantity subject to the Class-I local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such 'Class-I local supplier' subject to matching the L1 price. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price or accepts less than the offered quantity, the next higher 'Class-I local supplier' within the margin of purchase preference shall be awarded accordingly. In case some quantity is still left uncovered on Class-I local suppliers, then such balance quantity may also be ordered on the L1 bidder.
 - c) In the procurements of goods which are not divisible in nature the Class-I local supplier shall get purchase preference over 'Class-II local supplier' as per following procedure:
 - i. **Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a Class-I local supplier, the contract will be awarded to L1.**
 - ii. **If L1 is not from a 'Class-I local supplier'**, the lowest bidder among the 'Class-I local suppliers, will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference and the contract shall be awarded to such 'Class-I local supplier' subject to matching the L1 price.
 - iii. **In case such lowest eligible 'Class-I local supplier' fails to match the L1 price, the Class-I local supplier with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the 'Class-I local suppliers' within the margin of purchase preference matches the L1 price, then the contract may be awarded to the L1 bidder 'Class-II local supplier'.**
 - iv. **'Class-II local supplier' will not get purchase preference in any procurement undertaken by the procuring entity.**

Note for MSME/NSIC/Start up Bidder: If in the view of bidder, any exemption / relaxation is applicable to them from any of the eligibility requirements, under any Rules /Guidelines/ Directives of Government of India, bidder may submit their claim for the applicable exemption /relaxation, quoting the valid Rule/Guidelines/ Directives with a copy of such notification. In this case the bidder must submit necessary and sufficient documents along with the technical bid, in support of their claim. The relevant and valid certificates in support of claim of exemption must be submitted along with the Technical Bid.

This Bid is also governed by latest General terms and conditions as per GeM Purchase preference shall be given to Class-I/Class-II local Suppliers meeting the institute requirement of minimum in line with the public procurement (Preference to Make in India) vide OM No. P45021/2/2017-PP (BE-II) dated 04 June 2020.

A Self-Declaration Certificate regarding "Class-I Supplier" for the tendered item as per the Annexure is to be submitted.

Assistant Registrar (MM)

अनुभाग-3 / SECTION- IIIपूर्व योग्यता मानदंड/Pre- Qualification Criteriaभाग – 1 /PART - ILIST OF DOCUMENTS TO BE UPLOADED WITH TECHNICAL BID

Sl. No.	Details	Supporting Document Should be Submitted
1.	The Bidder should be OEM/Authorized/Distributors/Dealers/Firms etc. and should have the existence of firm for a minimum period of 5 Years.	For OEM:- Valid Certificate of Incorporation/Registration Certificate of the firms.
2.	Bidder should submit a valid Manufacturers Authorization Form specific to this tender.	The authorization letter should be on the Letterhead of the concerned OEM. In case of Authorized/distributor/dealer/agent Copy of the valid authorization, the certificate shall be enclosed. Offer submitted without proper authorization shall be liable to be rejected summarily.
3.	The firm should have a strong technical support team available in India to rectify the technical issues related to the of High-Speed Camera supply within 24 Hrs.	Bidder should enclose the details of service support (Escalation Matrix details).
4.	Udyam Certificate if bidder claim MSEs should be as per GeM_GTC Clause 04, Point no (xiii), m, (i)	Self-certified copies of documents.
5.	Startup Certificate if bidder claim as a startup	Self-certified copies of documents.
6.	<p>WORK EXPERIENCE: The Vendors / Bidders should have work experience as per the following parameters.</p> <p>Three similar completed work costing not less than Rs. 2,40,000/- (Rupees Two Lakh Forty Thousand only) in last 5 (Five) years for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, IISc and IIST), CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR) where they have completed the similar works.</p> <p style="text-align: center;">OR</p> <p>Two similar completed work costing not less than Rs. 3,20,000/- (Rupees Three Lakh Twenty Thousand only) in last 5 (Five) for any Govt./Semi Govt./Centrally Funded</p>	<p>Work orders and satisfactory completion valid certificates issued by respective buyer organization of the above order in support of experience to be enclosed. Without submission of completion certificate the experience will not be considered.</p> <p>The valid certificate should be in Letter Head of the concerned government organization with authorized signatory.</p>

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	<p>Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, IISc and IIST), CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR) where they have completed the similar works</p> <p style="text-align: center;">OR</p> <p>One similar completed work costing not less than Rs. 5,60,000/- Rupees Three Lakh Twenty Thousand only in last 5 (Five) years for any Govt./Semi Govt./Centrally Funded Technical Institutes (CFTI) which includes IITs, IISERs, IIMs, NITs, IIITs, IISc and IIST), CSIR Institutes, Central Universities and /or DAE Institutes (NISER, TIFR) where they have completed the similar works.</p> <p>Note: Similar work means Supply & Installation of High-Speed Camera.</p>	
7.	Bidder Information	As per enclosed FORM - V
8.	List of other Govt. Departments, Public Sector units and Central Autonomous Bodies for which the bidder is supplying material or having the similar type of contracts and a valid certificate regarding the satisfactory performance of the contract	As per enclosed FORM VI
9.	Bidder Acceptance of Tender Document	As per enclosed FORM VII
10.	The bidder should not have been blacklisted by any Government / Semi Government / Board /Corporations /Autonomous Body/ PSU. An undertaking/declaration in this regard should be closed. If any such matter i.e. of blacklisting /suspension is subjudice, even then the concerned firm shall be technically disqualified.	As per enclosed FORM IV
11.	The quoted products should not be under end of sales or end of support in next 05(five) years from the date of submission.	(Declaration from OEM/ Authorized Distributors/Dealers/firms should be submitted)
12.	Make In India- Class-I or Class-II Local Supplier	A Self-Declaration Certificate regarding "Class-I or Class-II Supplier" for the tendered item as per the Annexure- is to be submitted.
13.	<p>FINANCIAL TURNOVER:</p> <p>The Bidder Annual Financial Turnover should more than Rs. 32 Lakh during the past three financial years namely 2019-20, 2020-21 and 2021-22.</p> <p>And</p> <p>In case of OEM, the Average Annual Turn Over of OEM should be Rs. 64 Lakh during the past three financial years namely 2019-20, 2020-21 and 2021-22.</p> <p>The Vendors / Bidders should not have</p>	<p>As per enclosed FORM VIII and Attach a separate neatly typed sheet on the letter head of Registered Chartered Accountant OR enclose copies of audited Balance Sheet and Profit & Loss Statement for the previous 3 financial year as specified in bid document and further details if required may be asked from the contractor after opening of technical bids. There is no need to upload</p>

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	incurred any loss during the last 3 (Three) years (as of 31st March, 2022). Profit after Tax should be positive for the above-mentioned period.	entire voluminous balance sheet.
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Note: Non-Compliance with any of the above conditions by the bidders will amount to non-eligibility for which tender has been floated and its bid shall be liable to be rejected summarily.

Signature & Seal of Bidder

अनुभाग-3 / SECTION- III**पूर्व योग्यता मानदंड/Pre- Qualification Criteria****भाग – 2 /PART - II****(Bidder should submit compliance matrix along with Technical Bid)****Item details and technical specifications as mentioned below: Supply & Installation of High-Speed Camera**

	Feature	Description/ Specification	Qty.	Compliance Yes/No	Deviation if any
1.	Imaging	1920x1080 @ 1000FPS or better	01 No.		
	Memory	16GB or More			
	Record Time (in seconds)	5.5 (16GB)at max resolution			
	Backfocus	Field adjustable			
	IR Filter	650nm, user removable, 24 x 16 x 1.1mm			
	Display	5" 800x480 capacitive touchscreen, 1000 nit daylight visible			
	Enclosure	Anodized CNC machined aluminum			
	Cooling	Active cooling, variable-speed fan (fan-off option)			
	Dimensions	155mm x 96mm x 67.3mm (6.11" x 3.78" x 2.65") w/o lens			
	Weight	1.06 kg (2.34 lbs) without lens or less			
	Imager Sensor				
	Resolution	1920x1080 @ 1000FPS maximum			
	Speed	2.1Gpx/s			
	Dimensions	19.2 x 10.8mm (4/3" format, 2.1-Megapixel, 2x Crop Factor)			
	Pixel Pitch	10um			
	Sensitivity (ISO)	Color - ISO 500 to 8000 Mono - ISO 1000 to 16000			
	Shutter	Electronic global shutter, 1/fps to 1us (1/1,000,000 s)			
	Dynamic Range	10.3 stops (62.4 dB)			
	Bit Depth	12-bit			
	Image Sensor	Monochrome			
	Inputs/Output				
	Power Input	17-20V 40W (5.5/2.5mm barrel jack, positive tip)			
	Network	Gigabit Ethernet			
	Trigger	2 trigger inputs/ frame strobe outputs (BNC & Aux) Adjustable input threshold 0 to 6.6V Electrically isolated trigger input (Aux connector) Trigger with sound, laser, and lightning using accessories			
	Video	HDMI output 720p or 1080p (default) @ 60FPS, video only			
	USB	USB type A (host) and micro-B (device)			
	SATA	eSATA 3Gbps to SATA 2.5" III SSD (5V power)			
	Trigger Ports				
	BNC	Female BNC Connector			
	AUX	Phoenix 1778890 8-pin terminal block connector, including isolated trigger input.			
	Battery				
	Battery Type	EN-EL4a			
	Runtime	1 hour Recording			

TENDER No.: IITI(MM)/ME(PRJ)/1/1A/188/AM/2023-24

General Specifications			
Normal Speed Recording	Continuous, Video is saved continuously at up to 60FPS to MP4 files on removable storage. Operates like a standard video camera.		
Network Control	Through web page or REST interface with USB or CAT ethernet cable		
Video Format	H.264, Standardized MP4 files at bitrates up to 60Mbps Storage Devices: SD, USB, SSD, or SMB/ NFS network drives		
Software and API Development	Machine learning-based software tool for automated 3D reconstruction of Schlieren flame images, Customized application Software will be required for Application specific		
Operating Temp.	-20 °C to +40 °C (-4 °F to +104 °F)		
Warranty	1 Years or More		
Accessories Required	Lens Adapter: Nikon F to C – FotodioX, Trigger Switch Cable		
Pre-dispatch Inspection	After Releasing PO, Material will be checked thoroughly before delivery to IIT at Vendor Site and checked all parameters as per required specifications		
Sales/Service	A Service Agent should be made available in Indore (Madhya Pradesh, India), for After Sales Services		
Acceptance Criteria			
Specifications Compliance	The bidder must specify the value of the parameter offered by him in Technical Specifications Sheet, simply written Compliance/Complied or Provided against our required specifications will not be acceptable under any circumstances.		
Manufacturer	The bidder should clearly specify name of the manufacturer of the items along with its model number and provide product literature with the offer. The specifications of the products offered should be verifiable from website of the manufacturer, otherwise the quotation will not be considered valid		
Country of Origin	Country of Origin-China is not Acceptable		

Note :

- A. The bidder should submit his acceptance against each column as YES/NO and if No, the bidder should specify the deviation.
- B. Firm should quote separately for each item as per BOQ.
- C. Valid proof of the document in support of the claim to be enclosed with the technical bid.
- D. The Quantity mentioned above is also indicative and might change in the final order.
- E. Prospective bidders can quote Rate as per Unit and the institute will decide on the final order quantity.

(Signature of the Bidder, with Official Seal)

TENDER No.: IITI(MM)/ME(PRJ)/1/1A/188/AM/2023-24

अनुभाग-3 / SECTION- III

अमूल्यंकित तकनीकी बोली / UNPRICED TECHNICAL BID

भाग – 3 /PART - III

(Bidder should provide the following details on Letter head)

TENDER NO.:

Date:

Name of the Bidder _____

Sr. No.	Item Description	Quantity	Make	Model	HSN Code	GST %	Country of Origin
1							
2							
3							
n							

Other Terms & Conditions

1.	Payment terms	:
2.	Delivery Period from the date of Purchase Order	:
3.	Installation within 15 days of delivery	:
4.	Warranty	:
5.	Specify any other terms & conditions:	:

अनुभाग-4 /SECTION - IV

विशेष नियम एवं शर्तें / SPECIAL TERMS AND CONDITIONS

भाग - 1 / PART-I

- 1. Payment: No advance payment will be made in any case.** Payment will be released through wire transfer/bank RTGS transfer after Supply, installation testing, inspection& commissioning of the item(s) and if found satisfactory with regard to quality, quantity and specifications ordered. The payment will be released after statutory deductions within 30 days. For the payment, the firm has to submit Supplier's Invoice indicating, inter alia description and specification of the goods, quantity, unit price, total value; challans(s),bank details/cancelled cheque, installation report, performance bank guarantee (if asked) etc. to the Assistant Registrar MM Section, IIT Indore.

In case of indigenous, the payment term may be:

- (iii) 80% of the order value will be paid against delivery of the goods received in good condition at IIT Indore and accepted by the user department.
- (iv) 20% of the balance payment will be paid after satisfactory Installation, Commissioning, Testing & Training of the IIT employees and submission of performance bank guarantee.

2. Performance Security:

- c. Within fourteen days (or any other period mentioned in Tender Document or Contract) after the issue of Purchase Order by the Procuring Entity, the firm shall furnish to the IITI, performance security, valid up to **sixty days** after the date of completion of all contractual obligations by the contractor, including the warranty obligations.
- d. The **5%** amount of the order vale shall be stipulated in Tender Document or Contract denominated in Indian Rupees or the currency of the contract and shall be in one of the following forms.
- e. Bank Guarantee issued by a commercial bank in India, in the prescribed form provided in **FORM- X.**
- f. If the contractor, having been called upon by the Procuring Entity to furnish Performance Security, fails to do so within the specified period, it shall be lawful for the Procuring Entity at its discretion to annul the award and enforce Bid Securing Declaration (in lieu of forfeiture of the Bid Security), besides taking any other administrative punitive action like 'Removal from List of Registered Suppliers' etc.

3. Delivery: Free delivery at IIT Indore inclusive of freight, Insurance and unloading charges.

- 4.** In case the equipment offered requires maintenance after the expiry of the warranty, please indicate the approximate cost of comprehensive and on-call basis maintenance and also the availability of local support or otherwise.

- 5.** Please note clearly that the Bids sent through FAX, E-mail, by hand and/or by any post/courier shall not be accepted/ processed, in any case.

प्रपत्र -1 / FORM-I

निर्माता का अनुज्ञा और वारंटी समर्थन पत्र

**MANUFACTURER'S AUTHORIZATION & WARRANTY SUPPORT DECLARATION
(ON OEMs Letter head)**

Date:

Tender No / GeM bid no:

To
Registrar
Indian Institute of Technology Indore

We, _____ [name of Manufacturer], who are official manufacturers of [Insert type of goods manufactured] having factories at [insert full address of Manufacturer's factories], do hereby authorize [insert complete name of Bidder] to submit a bid the purpose of which is to provide the following goods, manufactured by us [insert name and or brief description of the goods], and to subsequently negotiate and sign the contract.

We hereby extend our full guarantee, warranty, availability of spare parts and AMC support in accordance with the Terms and Conditions of Contract with respect to the Goods offered by the above firm.

Authorized representative of the Manufacturer Authorized representative Bidder

Signature:

Signature:

Name:

Name:

Address:

Address:

Mobile No:

Mobile No:

Email ID:

Email ID:

प्रपत्र -2 / FORM-II

स्थानीय सामग्री के लिए घोषणा

Declaration for Local Content (on OEM's Letter Head)

(To be given on Company Letter Head - For tender value below Rs.10 Crores)
(To be given by Statutory Auditor/Cost Auditor/Cost Accountant/CA for tender value above Rs.10 Crores)

Date: _____

To
The Registrar
Indian Institute of Technology Indore

Sub: Declaration of Local content

Tender No: _____

Name _____ of _____ Goods _____ & _____ Services _____ : _____ - _____

1. Country of Origin of Goods being offered: _____

2. We hereby declare that items offered has _____% local content (**Please provide exact %**).

3. Details of location at which local value addition will be made / made: (Complete address _____ to _____ be _____ mentioned) _____

"Local Content" means the amount of value added in India which shall, be the total value of the item being offered minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.

"*False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law."

Yours Faithfully,
(Signature of the Bidder/OEM, with Official Seal)

प्रपत्र -3 / FORM-III

डीपीआईआईटी पंजीकरण के लिए घोषणा पत्र

Declaration for DPIIT Registration (on OEM's Letter Head)

CERTIFICATE BY BIDDER- DPIIT REGISTRATION

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, / if from such a county, has been registered with the Competent Authority (copy of the Registration Certificate enclosed).

I hereby certify that his bidder fulfils all requirements in this regard and is eligible to be considered.

Signature with Date and Stamp

Of the Bidder

प्रपत्र -4 / FORM-IV

स्वच्छ छवि/कोई कानूनी कार्रवाई नहीं होने के संबंध में घोषणा पत्र

DECLARATION REGARDING CLEAN TRACK/NO LEGAL ACTION

(to be provided on letter head of the firm)

I hereby certify that the above firm namely _____ is neither blacklisted by any Central/State Government/Public Undertaking/Institute nor any criminal case registered / pending against the firm or its owner/ partners anywhere in India preceding three years from the date of publishing of tender.

I also certify that the above information is true and correct in any every respect and in any case at a later date it is found that any details provided above are incorrect, any contract given to the above firm may be summarily terminated and the firm blacklisted.

Date:

Authorized Signatory

Name:

Place:

Designation:

Contact No.:

प्रपत्र -5 / FORM-Vबोलीदाता सूचना प्रपत्र**BIDDER INFORMATION FORM**

	Company Name	
	Registration Number	
	Manufacturer /Distributor for the quoted product	
	Registered Address	
	Name of Partners /Director	
	City /Postal Code	
	Company's Establishment Year	
	Company's Legal Status (tick on appropriate option)	1) Limited Company 2) Undertaking 3) Joint Venture 4) Partnership 5) Others (In case of Others please specify)
	Company Category	1) Micro Unit as per MSME 2) Small Unit as per MSME 3) Medium Unit as per MSME 4) Ancillary Unit 5) SSI 6) Others (In case of Others please specify)
	Contact Name Email Id MOBILE NO.	
	BANK DETAILS	Name of Beneficiary : A/c. No. CC/CD/SB/OD: Name of Bank : IFSC NO. (Bank) : Branch Address and Branch Code:
	Vendor's PAN No. (Should be attached)	
	Vendor's GST No. (Should be attached)	

प्रपत्र -6 / FORM-VI

पिछली आपूर्ति आदेश सूची प्रारूप

PREVIOUS SUPPLY ORDER LIST FORMAT

Order placed by {Full address of Purchaser}	Order No. and Date	Description and quantity of ordered equipment	Value of order	Contact Person along with Telephone no., Fax no. and e- mail address.

Note: Technical Committee may seek additional information from the existing users at IIT Indore or from other Institutes, these feedbacks will be considered for technical evaluation.

Signature and Seal of the Manufacturer/ bidder

Place:

Date:

प्रपत्र -7 / FORM-VII

निविदा शर्तों की स्वीकृति हेतु

ACCEPTANCE OF TENDER TERMS

(To be given on Company Letter Head)
Date: DD/MM/YYYY

To,
The Registrar
Indian Institute of Technology Indore
Khandwa Road Simrol-453552

Sub: Acceptance of Terms & Conditions of Tender.

IITI(MM)/ME/1/1A/188(PRJ)/A/2023-24 for "Supply and Installation of High-Speed Camera"

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: _____ as per your advertisement, given in the above mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein and I have no objection for any of the content of the bid document. The rates quoted by me/us are valid and binding on me/us for acceptance till the validity of bid.
3. I / We hereby unconditionally accept the tender conditions of above-mentioned tender document(s) / corrigendum(s) in its totality / entirety.
4. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
5. I / We do hereby declare that we have quoted our firm rates inclusive of taxes if not mentioned extra.
6. I/We agree to hold this offer open until **180 days** and shall be bound to supply/commission/install/test the equipment and dispatch the same within the specified period.
7. **I/We agree that in case if we fail to deliver the goods/complete the work/supply within the stipulated time, then institute has full power to compound the liquidity damages or forfeit the Bid Security/Security Deposit or any necessary action as deemed fit can be taken by the IIT Indore.**
8. The articles shall be of the best quality and of the kind as per the requirement of the institution. The decision of the IIT Indore, India (herein after called the said officer) as regard to the quality and kind of article shall be final and binding on me. 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 inconvenience.

TENDER No.: IIT(MM)/ME(PRJ)/1/1A/188/AM/2023-24

9. I/We declare that no legal/financial irregularities are pending against the proprietor/partner of the bidding firm or manufacturer.
10. I/We undertake that the items supplied are as per Demonstration/Catalogue/technical literature description.
11. 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.
12. 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 State/Central//Institute/Department/PSUs. I/we also offer to supply the Equipment/stores at the prices and rates not exceeding those mentioned in the price bid.
13. I/We do hereby confirm that I/we aware about the provisions of "Make in India"/startup 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 IIT Indore in respect of this E-Bid Enquiry.
14. I/we have necessary infrastructure for the maintenance of the equipment and will provide all accessories/spares as and when required.
15. I/we also declare that in case of change of Indian Agent or for any other change. Merger, dissolution solvency etc. in the organization of our foreign principles, we would take care of the Guarantee/Warranty/Maintenance of the machinery/equipment and have provided written confirmation for the same.
16. I/we undertake to get the equipment repaired/replace within 48 hours of the receiving of the complaint from the institute failing which a penalty of @ 1% of the cost may be recovered from the Bank Guarantee before releasing the same to us after completion period.
17. 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 bid, it shall be recovered by the IIT Indore from our Agency.
18. I/we undertake, If any under payment is discovered, the amount shall be duly paid to our Agency by the IIT Indore.
19. 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 IIT Indore.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

वार्षिक कारोबार की घोषणा और

इनकम टैक्स रिटर्न

**DECLARATION OF ANNUAL TURNOVER AND
INCOME TAX RETURN**

(To be submitted on Firm/Company Letterhead)

To,
The Registrar
I.I.T. Indore,
Simrol, Khandwa Road
Indore – 453 552.

Date :

Sub: NIT No. IITI(MM)/ME(PRJ)/1/1A/188/AM/2023-24 for “Supply and Installation of High-Speed Camera”

Dear Sir,

I/we hereby declare that, our firm's Annual Turnover as follows, and I/we have also supported an Audited Accounts for your references:

F.Y 2019-20	F.Y 2020-21	F.Y 2021-22

And,

I/we hereby declare that, our firm had filed Income Tax Returns for last 3 years i.e. F.Y. 2019-20, 2020-21, & F.Y. 2021-22. Supported by copy of ITR of three years.

(Signature of the Tenderer)

Company Seal:

Date:

प्रपत्र -9 / FORM-IX

परफॉरमेंस सिक्योरिटी प्रारूप
PERFORMANCE SECURITY FORMAT

To,

.....
WHEREAS (name and address of the supplier)
(hereinafter called "the supplier") has undertaken, in pursuance of contract no. Dated
.....to supply (description of goods 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 by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee:

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 further undertake to pay the Purchaser any money so demanded notwithstanding any dispute or disputes raised by the supplier(s)/vendor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the supplier(s)/vendor(s) shall have no claim against us for making such payment.

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 until the day of, 20.....

(Signature of the authorized officer of the Bank)

Name and designation of the officer

Seal:

Name & address of the Bank

Address of the Branch:

Phone No.:

E-mail ID:.

प्रपत्र -10 / FORM-X

**Format for Price Breakup/Financial Document for
Supply and Installation of High-Speed Camera**

Name of the Bidder/ Bidding Firm / Company: _____

S. N.	Feature	Description/ Specification	Qty.	Unit Price in INR (₹)	GST in INR (₹)	Total Price in INR (₹)
1.	Imaging	1920x1080 @ 1000FPS or better	01 No			
	Memory	16GB or More				
	Record Time (in seconds)	5.5 (16GB)at max resolution				
	Backfocus	Field adjustable				
	IR Filter	650nm, user removable, 24 x 16 x 1.1mm				
	Display	5" 800x480 capacitive touchscreen, 1000 nit daylight visible				
	Enclosure	Anodized CNC machined aluminum				
	Cooling	Active cooling, variable-speed fan (fan-off option)				
	Dimensions	155mm x 96mm x 67.3mm (6.11" x 3.78" x 2.65") w/o lens				
	Weight	1.06 kg (2.34 lbs) without lens or less				
	Imager Sensor					
	Resolution	1920x1080 @ 1000FPS maximum				
	Speed	2.1Gpx/s				
	Dimensions	19.2 x 10.8mm (4/3" format, 2.1-Megapixel, 2x Crop Factor)				
	Pixel Pitch	10um				
	Sensitivity (ISO)	Color - ISO 500 to 8000 Mono - ISO 1000 to 16000				
	Shutter	Electronic global shutter, 1/fps to 1us (1/1,000,000 s)				
	Dynamic Range	10.3 stops (62.4 dB)				
	Bit Depth	12-bit				
	Image Sensor	Monochrome				
	Inputs/Output					
	Power Input	17-20V 40W (5.5/2.5mm barrel jack, positive tip)				
	Network	Gigabit Ethernet				
	Trigger	2 trigger inputs/ frame strobe outputs (BNC & Aux) Adjustable input threshold 0 to 6.6V Electrically isolated trigger input (Aux connector) Trigger with sound, laser, and lightning using accessories				
	Video	HDMI output 720p or 1080p (default) @ 60FPS, video only				
	USB	USB type A (host) and micro-B (device)				
	SATA	eSATA 3Gbps to SATA 2.5" III SSD (5V power)				
	Trigger Ports					
	BNC	Female BNC Connector				
	AUX	Phoenix 1778890 8-pin terminal block connector, including isolated trigger input.				
	Battery					

TENDER No.: IITI(MM)/ME(PRJ)/1/1A/188/AM/2023-24

Battery Type	EN-EL4a			
Runtime	1 hour Recording			
General Specifications				
Normal Speed Recording	Continuous, Video is saved continuously at up to 60FPS to MP4 files on removable storage. Operates like a standard video camera.			
Network Control	Through web page or REST interface with USB or CAT ethernet cable			
Video Format	H.264, Standardized MP4 files at bitrates up to 60Mbps Storage Devices: SD, USB, SSD, or SMB/ NFS network drives			
Software and API Development	Machine learning-based software tool for automated 3D reconstruction of Schlieren flame images, Customized application Software will be required for Application specific			
Operating Temp.	-20 °C to +40 °C (-4 °F to +104 °F)			
Warranty	1 Years or More			
Accessories Required	Lens Adapter: Nikon F to C – FotodioX, Trigger Switch Cable			
Pre-dispatch Inspection	After Releasing PO, Material will be checked thoroughly before delivery to IIT at Vendor Site and checked all parameters as per required specifications			
Sales/Service	A Service Agent should be made available in Indore (Madhya Pradesh, India), for After Sales Services			
Acceptance Criteria				
Specifications Compliance	The bidder must specify the value of the parameter offered by him in Technical Specifications Sheet, simply written Compliance/Complied or Provided against our required specifications will not be acceptable under any circumstances.			
Manufacturer	The bidder should clearly specify name of the manufacturer of the items along with its model number and provide product literature with the offer. The specifications of the products offered should be verifiable from website of the manufacturer, otherwise the quotation will not be considered valid			
Country of Origin	Country of Origin-China is not Acceptable			

Note:

1. All Terms & Conditions will be as per NIT Document uploaded on GeM.
2. **Format for Price Breakup (FORM-X) must be uploaded at the time of Price bid submission.**
Non-Compliance of the above condition by the bidders will amount to non-eligibility for which tender has been floated and its bid shall be liable to be rejected summarily.

(Signature of the Tenderer)

Company Seal
Date:

