

Bid Document

Bid Details	
Bid End Date/Time	12-04-2021 17:00:00
Bid Opening Date/Time	12-04-2021 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	70 (Days)
Ministry/State Name	Ministry Of Human Resource Development
Department Name	Department Of Higher Education
Organisation Name	Indian Institute Of Technology Kanpur
Office Name	Kanpur
Total Quantity	1
Item Category	IR Camera
Minimum Average Annual Turnover of the Bidder	7 Lakh (s)
OEM Average Turnover (Last 3 Years)	60 Lakh (s)
Years of Past Experience required	1 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *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	60 %
Bid to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	2 Days
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	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". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. 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". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. 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 .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
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.
8. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 60% 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.

IR Camera (1 pieces)

(Minimum 20% Local content required for MII compliance)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Additional features	Warranty	12.0
Image and optical data	Lens identification	Automatic
	F-number	f/1.5
	IR resolution (Pixels)	640 480
	Digital zoom	1x
	Image frequency	30.0
	Focus	One-shot
	Horizontal View Field	14
	Vertical View Field	10
Detector Specification	Thermal sensitivity	50.0
	Detector type and pitch	Uncooled microbolometer, 12 ?m
Image presentation and modes	Display Resolution (pixels)	640 480
	Color palettes	Iron, Rainbow, Rainbow HC, White hot, Black hot, Arctic, Lava, Gray
	Image modes	IR Fusion, MSX
	Display Size in Inches	4-5
Measurement & analysis	Measurement presets	Max. Temperature, Line/Area Thermography, Min. Temperature, Center Temperature
	Spotmeter	1
Data storage and streaming	Image file format	JPEG
	Video out (pixels)	640 480
	Radiometric IR video recording	Real-time radiometric recording
	Storage media	16.0

Additional Specification Parameters - IR Camera (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Additional Technical Parameters-	1-Image Resolution of 640 × 480 pixels over GigE Vision on full frame rate.2-The camera should be Gen Cam compliant.3-Measurement temperature ranges: -20°C to 650°C (32 to 1202°F) in two or more ranges.4-Focal length: 29 mm (1.41 in.).5-Special resolution (IFOV): 0.38 mrad/pixel.6-Minimum focusing distance: 1 mtr (3.28 ft).7-Multicast option should be available.8-Unicast option should be available.9-Interface: Ethernet.10-SDK (3rd party)
Compatibility should be available	(i)Atlas SDK : Thermal analysis (Yes), Post process analysis (Yes), Image Streaming

for the quoted model	automation IR (Yes). Language support: .NET (C# or Visual Basic) (Yes) & MatLab (Yes). (ii) Spinnaker SDK: Image Streaming automation IR (Yes). Language support: .NET (C# or Visual Basic) (Yes), Python (Yes) & C++ (Yes). (iii) Third-party GenICam: Image Streaming automation IR (Yes). Language support: .NET (C# or Visual Basic) (Yes), Python (Yes), C++ (Yes), MatLab (Yes) & LabVIEW (Yes)
Additional T&C-1	1-The Vendor must be a reputed original equipment manufacturer (OEM) of the infrared Thermography system having support network in India OR must be an authorized agent / supplier of the Original Equipment Manufacturer. The vendor must also be registered with GOVT. OF India and should have very good support network in India. Vendor must submit authorization depicting the enquiry no addressed to the purchaser in English to be submitted.
Additional T&C-2	2-The Vendor should submit evidence of satisfactory performance in India of at least 5 (five) infrared Thermography systems manufactured by the same OEM, during the last 2 years. It should contain the PO along with installation certificates.3-OEM (Original Equipment Manufacturer) must follow ISO / equivalent certified manufacturing process and QAP (Quality Assurance Plan). Please furnish copy of valid ISO certificate to be provided.
Additional T&C-3	4-Exclusive OEM service centre in India to make use of camera easy with no prolonged down times. Please include GST details of the OEM 5-Calibration checking facilities with black bodies in India to certify the accuracy of the data periodically. Please furnish details of blackbodies available in India. 6-Warranty: Warranty: 1 year's onsite warranty for the entire system & 10Yr warranty for the detector by OEM. 7- Delivery Time: 12-weeks or earlier from the date of documentation approval.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Manoj Kumar Duklan	208016,Kalyanpur, Kanpur	1	125

Buyer Added Bid Specific Additional Terms and Conditions

- 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.
- Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 2 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.
- 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 %.
- 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.
- 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 1 year 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.
- End User Certificate:** Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.
- 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 1 year 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.
- 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.
- Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.
- The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the

Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.

Applicable Concessional rate of GST : 5%

Notification No.and date : 45/2017 (CGST) KA.NI .- 2-1823/XI-9(47)/17 (SGST), 47/2017 (IGST) dated 14/11/2017

11. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
12. **Scope of supply (Bid price to include all cost components) :** Supply Installation Testing and Commissioning of Goods
13. **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.
14. Equipment offered shall have complete DATA sheets and detailed description on OEM web sites.
15. **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.
16. The Equipment offered BY the OEM OR equipment of the same series/family FROM the same OEM should have been satisfactorily working IN Government/PSUs/Telecom ServiceProviders network for at least 06 months in India or Abroad. The certificates from the actual users will have to be submitted offline.
17. The OEM should have proven facilities for Training, repair and Service Center Support in India at least for past three years. In case OEM is located outside India, it should have training, repair and service center facilities in India also. The certificates/ Undertaking for the same will have to be submitted offline/online.
18. **Escalation Matrix For Service Support :** Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
19. **Dedicated /toll Free Telephone No. for Service Support :** BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
20. Office of the Service Provider is required to be located at a place near to the consignee(user) for sake of better co-ordination , smooth services and other administrative factors. in support, service provider will give details of office address, landline number, Contact Person and his mobile number along with bid failing which there offer will not be considered.
21. Office of the Service Provider (through Bid)IS preferred to be located at a place near to the Buyers /consignee headquarter or any branch or registered office for sake of better co-ordination, smooth services and other administrative factors.
22. 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.
23. Bidder/ Supplier/ Organization/ Proprietor/ ANY of the Director(s) shall not be banned or suspended or black listed by any Government / Public Sector Undertaking / Corporate organization or convicted in any Court of Law across India or declared Bankrupt or insolvent. A self declaration certificate must be uploaded in the GeM portal under Bidders Official Letter Head.
24. Bidder shall submit the detailed BOM of the equipments offered duly verified and certified BY the respective OEM. The detailed BOM shall indicate quantities and price break up of various modules/sub modules/cards/Licenses required for each equipments.
25. Experience Certificate from the concerned Govt. Department of the subject matter is required along with average turnover of last 3 Yrs BY authority prescribed BY GeM.
26. **ISO 9001:** The bidder must have ISO 9001 certification.
27. **ISO 9001:** The bidder or the OEM of the offered products must have ISO 9001 certification.
28. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
29. Warranty period of the supplied products shall be as given in specifications 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.
30. **NET WORTH:** Net Worth of the OEM should be positive as per the last audited financial statement.
31. Buyer Added Bid Specific Additional Terms and Conditions

C. Warranty: Warranty: 1 year's onsite warranty for the entire system & 10 years warranty for the detector by OEM.

D. Delivery Time: 12-weeks or earlier from the date of

documentation approval.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. 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 specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. 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](#)

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.

---Thank You---