



Central Tool Room & Training Centre

MSME - TOOL ROOM, BHUBANESWAR

AS 9100, ISO 9001, 14001, 50001 & OHSAS 18001 Certified
A Govt. of India Society, Ministry of Micro, Small and Medium Enterprises



GeM Tender Notice

Online Bids are invited from the Original Equipment Manufacturers / authorized Agents only for supply of following Item / Machine.

Sl No	Bid No & Bid Date	Bid Submission Closing Date & Time	Bid Opening Date & Time	Item Descriptions	EMD/Bid Security
1	GEM/2023/B/3841692 & 18.08.2023	18.09.2023, At 10.00 AM	18.09.2023, At 10.30 AM	Unmanned Aerial Vehicle	Bid Securing Declaration in bidder's letter head.

The detailed scope of service along with terms and conditions may be downloaded from the website by logging on to GeM portal gem.gov.in. The bidders would be required to enroll/register on the GeM Portal. The Bidders Shall be solely responsible for checking the website for any addendum/corrigendum issued in this regard and take into consideration of the same while preparing and submitting the bids. **The bids are to be submitted online through the portal gem.gov.in**



General Manager
Central Tool Room & Training Centre
B-36, Chandka Industrial Area, Bhubaneswar-751024
Phone: (0674) 2654700-Extension 710
Email: cttc@cttc.gov.in



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2023/B/3841692
Dated/दिनांक : 18-08-2023

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	18-09-2023 10:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	18-09-2023 10:30:00
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 Micro Small And Medium Enterprises
Department Name/विभाग का नाम	Ministry Of Micro Small And Medium Enterprises
Organisation Name/संगठन का नाम	Development Commissioner (micro Small & Medium Enterprises)
Office Name/कार्यालय का नाम	Central Tool Room & Training Centre
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Unmanned Aerial Vehicle & Payload Systems for Surveillance (Q2)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	7 Lakh (s)
OEM Average Turnover (Last 3 Years)/मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)	58 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
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,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

Bid Details/बिड विवरण

Past Performance/विगत प्रदर्शन	80 %
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
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	2 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

Required/आवश्यकता	No
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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).	26

(a). 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 :

Genereal Manager
CENTRAL TOOL ROOM & TRAINING CENTRE B36 CNI COMPLEX, NEAR INFOCITY SQUARE, BHUBANESWAR-751024,
ODISHA
(L Rajasekhar)

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. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

9. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% 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.

Unmanned Aerial Vehicle & Payload Systems For Surveillance (1 pieces)

(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

* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Application and Construction	Intended Application	Use of Unmanned Aerial Vehicles (UAV) for Surveillance to capture still images and video to gain intelligence and gather information about specific targets, which might be individuals, groups or environments. The areas of intended application may include Industrial Security, Law Enforcement and First Response, Crowd Monitoring, Traffic Monitoring, Disaster Response, Emergency Response, Threat Response and Security, Surveying/Mapping, Aerial Inspection etc.
	Major construction / components of the Unmanned Aerial Vehicle & Payload Systems Industrial & Commercial Application (Inclusive in the scope of supply)	UAV Bird(Drone), Ground Control Station & Monitoring Software (controller), Payload system as per intended application, Application Software to control the payload operation, Application software to process payload data
UAV Bird - Performance and features	Flight Time at Full Payload (In minutes)	40 minutes or more, 60 minutes or more, 75 minutes or more, 90 minutes or more, 120 minutes or more Or higher
	Nominal Cruise speed (In meter/sec)	4-6, 7-9, 10-12, 13-15, 16-18
	Maximum Wind Resistance (In km/hr) under which the UAV operated without degradation in performance	15-19 km/hr, 20-24 km/hr, 25-29 km/hr, 30-34 km/hr, 35-39 km/hr, 40-44 km/hr, 45-49 km/hr

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Flight Distance Allowed at Full Payload (In km)Hint: Distance between Take Off Point to farthest point on a one way distance	4 km, 5 km, 10 km, 15 km, 20 km, 30 km, 40 km, 50 km Or higher
	Maximum Flight Altitude Capability of the Bird,above Take off Point at Full Load (In meter)	120 m, 200 m, 300 m, 400 m, 500 m, 600 m, 800 m, 1000 m
	Class Of Unmanned Aircraft Vehicle (UAV)/ Unmanned Aircraft Systems (UAS) as per Type certificate	Micro, Small, Medium
Power Source of UAV Bird	Number of Batteries Inclusive in the Scope of Supply (Hint: It includes total number of batteries supplied Fitted as well as Spare)	1, 2, 3, 4, 5
	Suitable Charger is supplied to recharge the battery from AC Mains 230 V \pm 10 %, 50 Hz	Yes Charger Having Slot For Two Battery Or higher
Ground Control Station (GCS) and Monitoring Software	Comptabile Hardware as GCS (Inclusive in the Scope of Supply)	Laptop, semi-rugged Laptop, Fully rugged Laptop, Tablet, semi-rugged Tablet, Fully rugged Tablet, Hand Held/Body worn GCS, NA
Payload	Type of Payload	Only Day Camera, Only Night Camera, Integrated Day and Night Camera
Generic	Accessories (Multi-Select)	One set Spare Propellers, Hard Transportation Boxes with Wheels, Hard Transportation Boxes without Wheels, Field Repair Kit: 1 set, Hard Copy of User, Technical & Maintenance Manual: 1set, One spare set of Landing Gear
Warranty, Service and Training	Warranty on UAV System (In Years) Or Guaranteed Operational life of UAV (In Number of landings) Hint: Either warranty in Years or warranty in Number of Number of Landings , whichever is applicable earlier)	1 Year or 200 Number of Landings, 1 Year or 400 Number of Landings, 1 Year or 600 Number of Landings, 1 Year or 800 Number of Landings, 1 Year or 1000 Number of Landings, 1 Year or 2000 Number of Landings Or higher

Additional Specification Parameters - Unmanned Aerial Vehicle & Payload Systems For Surveillance (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Technical Specification	The bidder must quote the technical specification as the bid document.
Technical Specification(s)	As per the Buyer Added Bid Specific Terms and Conditions, "Buyer uploaded ATC document" Annexure-B on page no.7.

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

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	AKSHAYA KUMAR REDDY N	751024,Central Tool Room and Training Centre, B-36 CNI Complex, Patia, Near Infocity, Bhubaneswar, Odisha	1	60

Special terms and conditions-Version:1 effective from 18-11-2022 for category Unmanned Aerial Vehicle & Payload Systems for Surveillance

- STC (Special Terms Condition) for the Product Category "Unmanned Aerial Vehicle & Payload System for Surveillance"

A. The Following clarification may be applicable in case of type certificate requirements

1. Type Certificate: The possession of the Type Certificate by manufacturer/ OEM of the Products sold under the category is a Statutory requirement as per Drone rules 2021. Exemption if any Under Drone Rules 2021 may be seen.

2. Type Certificate (TC) scope limited to Civilian Drone: Type Certificate applies only to the Unmanned aircraft systems (UAS) / Unmanned aircraft Vehicle (UAV) used for Civilian Purpose. These Rules Shall not apply to an unmanned aircraft system belonging to, or used by the Naval, Military or Air forces of the union of India. (Rule 2(3) of Drone rule 2021). Accordingly, the category is not intended for Procurement of drones by these.

3. Payload details to be verified From Type Certificate: The details of payload/ use case should be verified by the buyer from the relevant section of the Type Certificate.

B. The following clarifications shall be applicable for the parameters which are optional accessories/features kinds and enabled **Multi-Select** for seller.

1. Against the optional accessories/features kind of parameters which are multi-select for seller, buyer may stipulate/select only required accessories/features at the time of creation of bid and same required accessories/features shall be verified before accepting of the stores. This is to insure strict compliance of supplied stores to the bid requirements including ATC if any. However the contract generated may have mentioned of accessories/features other than bid requirements due to the fact that the contract gets generated based on the catalogue uploaded on the OEM/Seller.

Note: The parameters which are optional accessories/features kinds and enabled for multi-select for seller may have (Multi-Select) with parameter name to enable easy identification of the same for applicability of above.

C. Note to Buyer: Buyer are requested to select (checkbox) as many values as possible for the filterable parameters to have all possible allowed values in the bid meeting technical requirement.

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

1. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

The Technical Specification is on page no. 07 (Annexure-B).

The Bidder shall submit the details of the price breakup of items separately on company letterhead in Commercial Bid's.

DOCUMENTARY EVIDENCE TO BE SUBMITTED as per the Buyer Added Bid Specific ATC/Terms and Conditions given along with bid.

2. Buyer Added Bid Specific ATC

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

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 कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---