





Bid Document

Bid Number: GEM/2022/B/2850480

Dated: 13-12-2022

Bid Details		
Bid End Date/Time	23-12-2022 16:00:00	
Bid Opening Date/Time	23-12-2022 16:30:00	
Bid Offer Validity (From End Date)	180 (Days)	
Ministry/State Name	Ministry Of Agriculture And Farmers Welfare	
Department Name	Department Of Agricultural Research And Education (dare)	
Organisation Name	Indian Council Of Agricultural Research (icar)	
Office Name	Icar-nrc On Pig, Rani, Guwahati-781131, Assam	
Total Quantity	1	
Item Category	Agricultural spray drone (Q3)	
Minimum Average Annual Turnover of the bidder (For 3 Years)	5 Lakh (s)	
Years of Past Experience Required for same/similar service	3 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 *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	50 %	
Bid to RA enabled	No	
Type of Bid	Two Packet Bid	
Time allowed for Technical Clarifications during technical evaluation	2 Days	
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EMD Detail

Advisory Bank	State Bank of India
EMD Amount	20000

ePBG Detail

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- (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.
- (b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

DIRECTOR

Icar-nrc On Pig, Rani, Guwahati-781131, Assam, Department of Agricultural Research and Education (DARE), Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare (Director, Icar-nrc On Pig)

Splitting

Bid splitting not applied.

MII Purchase Preference

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MSE Purchase Preference

MSE Purchase Preference	Yes

- 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. 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.

- 6. 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 OUANTITY.
- 7. 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.
- 8. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% 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.

Agricultural Spray Drone (1 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Registered Brand

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)	
Standards & Certification	Model Should be DGCA Certified	Yes	
Generic	Control Mode	Manual, Autonomus	
Spray System	Material of Tube	PVC	
	Material of Tank	HDPE	
Battery Charging Time 30.0, 22.0		30.0, 22.0	
	Life Cycles(max)	100 - 400	

Consignees/Reporting Officer and Quantity

S.N	Consignee/Reporti ng Officer	Address	Quantity	Delivery Days
1	Salam Jayachitra Devi	781131,ICAR- NATIONAL RESEARCH CENTRE ON PIG, RANI, GUWAHATI	1	15

Buyer Added Bid Specific Terms and Conditions

1. 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.

2. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Scope of Work

	Technical Specifications for Agricultural Drone			
1	MaxFlightDistanceAllowed	5 kilometer		
2	DiagonalWheelbase	Minimum 1300 millimeter		
3	FlightTime(Withpayload)	Atleast 15 minute		
4	Operating Speed, m/sec	Minimum 8 m/sec		
5	Hovering Time(Withoutpayload)	Minimum 18minutes		
6	Takeoffweight(Max)	25 kilogram		
7	Height of Flying,(AboveGroundLevel)	Minimum 200 meter		
8	Sprayer Tank Volume	10 liter		
9	Spray speed per Nozzle, L/min	Minimum 3.5 L/min		
10	Spraying Spin	Min 3.5 meter		
11	Payload Mechanism	Release via remote		
12	NozzleQuantity	4 pcs		

13	Capacity, MAH	16000
14	Battery Type	Lithiumpolymer
15	Battery	Minimum 6S (6 number of cells)
16	Return to Home Feature	On Battery Low, GPS Failure, GPS Loss
17	Smart Fast Charger	Yes
18	ChargingTime	Maximum 40 minutes
19	LifeCycles	Minimum 300
20	Voltage	50 Volts (Approx.)
21	Foldable arms	Yes
22	Foldedsize	590mm*590mm*480mm - 600mm*600mm*510mm
23	Frame Type	CarbonFiber
24	Waterproof Body	Yes
25	Transmitter	Yes
26	Deployment time	<10 minutes
27	Dimensions	920mm*920mm*480mm- 940mm*940mm*500mm
28	Warranty	1 year Non accidental off site
29	Make	Indian
30	Flight Types	Manual and Autonomous
31	Propellers	Heavy Duty
32	Line of Sight	Minimum 2km
33	Maximum Flying Speed	10 m/sec
34	Return to Home Feature	On Battery low, GPS Failure, GPS Loss
35	Lidar Sensor	Yes

36	Obstacle Avoidance Sensor	Front and Back	
37	Camera	Full HD 1920*720 2-Axis Detachable Resolution-20MP Zoom-5x and Video mp4 or better	
38	GCS	Remote Controller	
39	UAV Type	Hexacopter	
	Detachment System		
40	Camera attachment Camera Tank attachment	HD Camera	
	2. Spraying Tank attachment3. Payload attachment	10 liters	
		3-5 kg	

41	Transportation Box	Yes
42	Demonstration after Delivery of Product	Yes
43	Drone Skin	Yes
44	DGCA Approved	Yes

Terms and Conditions:-

- 1. List of documents to be submitted by the bidder failing which the tender is legible to be rejected:
 - a. EMD of Rs. 20,000/- (online payment to "ICAR NR Center on Pig" A/C no. 10029420452, State Bank of India, IFSC Code SBIN0009945, Khanapara Branch. EMD is exempted to MSME/ Start-up firm as per relevant rules, however necessary document of registration as MSME/ Start-up to be uploaded.
 - b. Registration Certificate/ Trade License of the firm.

- c. The bidder should be registered with DGCA and necessary certificate/document must be submitted.
- d. GST Certificate of the Firm/Company.
- e. Copy of TAN/PAN.
- f. Manufacturing Certificate of the OEM / If the bidder is authorized supplier, necessary authorization certificate from OEM to be provided.
- g. Undertaking indicating non-blacklisting of the firm/company by the Government or autonomous organizations/institutes/universities etc.
- h. Work order copies (03 nos) for supply of same or similar item in any govt. institution. (Turnover/ Experience criteria is exempted to the MSME/ Start-up of the product, however the traders are excluded from the purview of public procurement policy for Micro and Small Enterprises/ Start-up as per the relevant rule/ guidelines.)
- i. Turnover certificate of last three financial years along with audited Profit and Loss Account and Balance sheet. (Turnover/ Experience criteria is exempted to the MSME/ Start-up of the product, however the traders are excluded from the purview of public procurement policy for Micro and Small Enterprises/ Start-up as per the relevant rule/ guidelines.)
- j. Bidder should submit the Make in India(MII) compliance document as per the attached format as ANNEXURE-A
- k. Bidder should submit the compliance statement in the prescribed format. The prescribed format of compliance statement is attached as Annexure B
- 2. The ICAR-NRC on Pig shall not be under any obligation to accept the lowest or any other offer received in response to this tender notice and shall be free reject any or all offers.
- 3. ICAR-NRC on Pig is not obliged to meet and have any discussion with any vendor.

3. Buyer Added Bid Specific ATC

Buyer uploaded ATC document Click here to view the file.

4. 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)

5. 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.

6. 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.

7. Generic

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address ICAR National Research Centre on Pig Rani Guwahati Assam 781131.

8. Service & Support

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

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. Forms of EMD and PBG

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name ICAR NR Center on Pig Account No. 10029420452 IFSC Code SBIN0009945 Bank Name State Bank of India Branch address Khanapara Branch.

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

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 specifications 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. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

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---