

I/99221/2023

# GOVERNMENT OF ODISHA

## H & UD DEPARTMENT JAGATSINGHPUR MUNICIPALITY JAGATSINGHPUR

### EXPRESSION OF INTEREST

**TOPOGRAPHICAL SURVEY BY DRONE IN COMBINATION  
WITH DGPS OF CONCERNED AREA OF INTEREST AND  
AUTOCAD DRAWING, DPR WITH DETAILED ESTIMATE &  
DRAWING OF TANK & BATHYMETRIC SURVEY OF WATER  
BODIES OF JAGATSINGHPUR MUNICIPALITY.**

PERIOD OF SALE OF BID DOCUMENTS :- From dt. 13.07.2023 to dt. 24.07.2023

LAST DATE OF RECEIVED BID DOCUMENTS:- Dt. 26.07.2023 upto 5.00 PM

DATE & TIME OF OPENING BID DOCUMENTS :- Dt. 27.07.2023 at 11.00 AM

COST OF TENDER PAPER :- ₹ 1,000.00 (Rupees:- One thousand) only

COST OF EMD :- ₹ 5,000.00 (Rupees:- Five thousand) only

Name of the Bidder

DD No /Dt

  
EXECUTIVE OFFICER

JAGATSINGHPUR MUNICIPALITY

JAGATSINGHPUR, ODISHA.

PIN 754103

I/99221/2023

OFFICE OF THE MUNICIPAL COUNCIL, JAGATSINGHPURNo 2530, Date 11/07/2023EXPRESSION OF INTEREST (EOI)

Executive Officer, Jagatsinghpur Municipality Jagatsinghpur invites sealed Expression of Interest (EOI) from interested/ intending eligible Firms/ Agencies/ Surveyors/ Architectures for "TOPOGRAPHICAL SURVEY BY DRONE IN COMBINATION WITH DGPS OF CONCERNED AREA OF INTEREST AND AUTOCAD DRAWING, DPR WITH DETAILED ESTIMATE & DRAWING OF TANK & BATHYMETRIC SURVEY OF WATER BODIES OF JAGATSINGHPUR MUNICIPALITY". DTCN alongwith terms & conditions can be obtained in the office of the Municipal Council, Jagatsinghpur during office hours on payment of ₹1,000.00 (Rupees:- One thousand) only (not refundable) in shape of DD/ BD and also available on office website www.jagatsinghpur.nic.in from dt. 13.07.2023 to dt. 24.07.2023. Paper cost shall be paid as per the same method noted in DTCN downloaded online.

The firms/ agencies/ Surveyors/ architectures must be accompanied with photo copy of valid (i) PAN (ii) GSTIN (iii) Complete Organisation details, Authenticated proof of the firm. The sealed EoI and other documents will be received offline on or before dt. 26.07.2023 upto 5.00 PM only thorough Speed Post/ Registered Post only and will be opened on dt. 27.07.2023 at 11.00 AM in presence of the bidder or their authorized representatives. The authority reserves the right to accept or cancel any or all quotations without assigning any reason thereof.



Executive Officer  
Jagatsinghpur Municipality

Memo

2531

Dt

11/07/2023

Copy to DM, Jagatsinghpur/ P.D., Jagatsinghpur/ ADM, Jagatsinghpur / EE, R&B, Division, PPA for information and necessary action. They are requested to display the office Notice Board for wide publication.

Copy to Office Notice Board for wide Publication.



Executive Officer  
Jagatsinghpur Municipality

Memo

2532

Dt

11/07/2023

Copy to Accountant/ Cashier, Jagatsinghpur Municipality for information and necessary action.



Executive Officer  
Jagatsinghpur Municipality

Memo

2533

Dt

11/07/2023

Copy submitted to the Director, I & PR Department, Government of Odisha, Odisha, Bhubaneswar for publication of EOI on or before 13.07.2023 on two local daily Odiya news paper with minimum PR. Rate.



Executive Officer  
Jagatsinghpur Municipality

**TERMS AND CONDITIONS**

- 1 The details of bid documents schedule and set of term & conditions is available in the Municipality office, Jagatsinghpur and office website [www.Jagatsinghpur.nic.in](http://www.Jagatsinghpur.nic.in). on payment of **₹1,000.00 (Rupees:- One thousand)** Only (Non-refundable) towards cost of tender/ EoI documents in shape of DD/ Banker cheque drawn on any Nationalized Bank in favour of Executive Officer, Jagatsinghpur Municipality payable at Jagatsinghpur. Paper cost shall be paid as per the same method downloaded online. Quotation without payment of paper cost shall not be accepted in any case and will be rejected summarily.
- 2 The bidder must be accompanied by EMD/ tender security amount of **₹5,000.00 (Rupees:- Five thousand)** Only in shape of DD/ Banker cheque drawn on any Nationalized Bank in favour of Executive Officer, Jagatsinghpur Municipality payable at Jagatsinghpur. Quotation without EMD shall not be accepted in any case and will be rejected summarily.
- 3 The sale of tender/ EoI documents start from **dt. 13.07.2023 to dt. 24.07.2023**. Request for tender/ quotation documents through post will not be entertained.
- 4 The completed & sealed EoI and other documents will be received offline on or before **dt. 26.07.2023 upto 5.00 PM** by the Executive Officer, Jagatsinghpur Municipality **through registered/ speed post only**. The envelope containing the tender documents should be superscripted with **"TOPOGRAPHICAL SURVEY BY DRONE IN COMBINATION WITH DGPS OF CONCERNED AREA OF INTEREST AND AUTOCAD DRAWING, DPR WITH DETAILED ESTIMATE & DRAWING OF TANK & BATHYMETRIC SURVEY OF WATER BODIES OF JAGATSINGHPUR MUNICIPALITY"** with tender / EoI.
- 5 The tender/ EoI/ bid documents will be opened on **dt. 27.03.2023 at 11.00 AM** in the chamber of Executive Officer, Jagatsinghpur Municipality, Jagatsinghpur in the presence of the bidders or their authorized representatives who wish to attend. If office happens to be closed for any reason on the date the receiving or opening of the tender as specified the tenders will be received/ opened in the next working day at the same time & venue.
- 6 The Municipality will not be responsible for postal delay.
- 7 Bidder should submit self attested copies of (i) PAN, (ii) GSTIN (iii) Firm/ Agency/ Surveyers/ architectures certificate alongwith the bid. Quotation without one or more of these documents are bound to be rejected.
- 8 The quotationer should quote single rate for each item according to required specification wherever mentioned. More than one rate for a particular item will be summarily rejected. The schedule appended to the EoI call notice should be filled up and signed.
- 9 The bidder shall quote in item wise as per work described in scope of work and BoQ.
- 10 The quoted rate shall be inclusive of all taxes and duties if any. Taxes and duties shall be mentioned separatly if required.
- 11 Any correction or overwriting in the offer should be attested by the quotationer.
- 12 The rate should be mentioned in both figures and words.
- 13 The rate is valid for one calender year.
- 14 The quotationer shall submit the quotation schedule duly signed by him with seal.
- 15 Validity period of bid- 90 calender days from the date of opening the bid
- 16 The Quotationer shall not sublet, transfer or assign any part of the full work of this award without prior written permission from the Executive Office, Jagatsinghpur Municipality.



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- 17 The EMD shall be forfeited on the following grounds :
  - i If the successful bidder fails to executive work in time.
  - ii If the bidder does not change/ rectify any defects found in the work.
- 18 The bidder should have minimum three years experience in the relevant field and the same should be submitted to the undersigned for technical evaluation.
- 19 Bid Submitted through by hand/ courier will not be entertained and will be rejected wihtout assigning any reason thereof.
- 20 Quotation shall not be considered through Power of Attorney and No joint venture (JV) is eligible to apply the bid.
- 21 The authority reserves the right to reject any or all the tenders without assigning any reason thereof.

**GEOMATIC RESOURCES GENERAL TERMS AND CONDITIONS**

- 1 Team will be mobilized within two days after getting work order.
- 2 Flooding & Accommodation shall be provided by the client at the site or else the cost towards the same shall be borne by the client on actual basis.
- 3 Client will provide total conveyance from our Bhubaneswar office to site and vice verse including site work or else the cost towards the same shall be borne by the client on actual basis.
- 4 Local issues if any has to be resolved by the Client.
- 5 Statutory Permission/ intimation from Local Authorities has to obtained by Client if any.
- 6 Depending upon the size of processed data the HARD DISK may be replaced by PEN DRIVE also.
- 7 Payment will be released within 15 days after submission of Invoice.
- 8 Z value/ RL of any point at the site of interest, shall be provided by Client otherwise Z value/ RL will be considered given by the equipment (DGPS)

**Limitations of using Drone**

The following limitations must be considered when contemplating the use of a Drone.

The Drone cannot fly above 400 ft in height from the operator.

The Drone cannot fly within 50m meters of persons, structures or vessels not under the pilot's control.

The Drone cannot fly in rain of winds above 20 KM per hour.

One battery can fly up to 20 Min.

**SCOPE OF WORK**

**Drone servey :-**

- 1 Drone servey work will be done within one sqkm of each pond and works as follows
  - i Total Station.
  - ii GPS (Global positioning System)
  - iii DGPS (Differencial Global positioning System)
  - iv Drone Ba

The entire drone servey work will convert to compatibility with software such as Autodesk

  
**Executive Officer**  
**Jagatsinghpur Municipality**

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**Bill of quantities for "TOPOGRAPHICAL SURVEY BY DRONE IN COMBINATION WITH DGPS OF CONCERNED AREA OF INTEREST AND AUTOCAD DRAWING, DPR WITH DETAILED ESTIMATE & DRAWING OF TANK & BATHYMETRIC SURVEY OF WATER BODIES OF JAGATSINGHPUR MUNICIPALITY"**

Annexure-I**A. For Radha Madhab Tank, Madhapur, Jagatsinghpur in Ward No-05**

<i>Sl No</i>	<i>Description</i>	<i>Qty.</i>	<i>Unit</i>	<i>Rate</i>	<i>Amount (Including Taxes)</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
1	DGPS Survey	5	Each		₹ -
2	Hard disk	1	Each		₹ -
3	Bathymetric Survey	1	Each		₹ -
4	Drone survey, Data Processing, and Analysis	1 sqkm or part there of	Each		₹ -
5	DPR with detailed estimate & drawing of Tank	1	Each		₹ -
<b>Total</b>					₹ -

(Rupees in Words.....)

**Data processing and deliverables**

The data will be processed in suitable processing softwear and generated outputs are of following

1. DEM in .tiff (geo tiff)
2. Orthomosaic image .tiff (geo tiff)
3. DTM in in .tiff (geo tiff)
4. Contour map
5. RMSE Report
6. DPR with detailed estimate & drawing.

  
**Executive Officer**  
**Jagatsinghpur Municipality**

**Signature of Bidder**

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Annexure-II**A. For Bidei Tank, Sipi, Jagatsinghpur in Ward No-21**

<i>Sl No</i>	<i>Description</i>	<i>Qty.</i>	<i>Unit</i>	<i>Rate</i>	<i>Amount (Including Taxes)</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
1	DGPS Survey	5	Each		₹ -
2	Hard disk	1	Each		₹ -
3	Bathymetric Survey	1	Each		₹ -
4	Drone survey, Data Processing, and Analysis	1 sqkm or part there of	Each		₹ -
5	DPR with detailed estimate & drawing of Tank	1	Each		₹ -
<b>Total</b>					₹ -

(Rupees in Words.....)

**Data processing and deliverables**

The data will be processed in suitable processing softwear and generated outputs are of following

1. DEM in .tiff (geo tiff)
2. Orthomosaic image .tiff (geo tiff)
3. DTM in in .tiff (geo tiff)
4. Contour map
5. RMSE Report
6. DPR with detailed estimate & drawing.

  
 Executive Officer  
 Jagatsinghpur Municipality

**Signature of Bidder**