



OFFICE OF THE TAHASILDAR, DHARMASALA
Tel:-06725-273036 Web:- tdrdharmasala.in Email:-tdrdharmasala@gmail.com

Tender Call Notice No. 4975

Date 09.11.22

Sealed Tenders in prescribed format are invited from reputed and experienced agencies for carrying out the QUANTITY SURVEY by **Digital photogrammetry process using High resolution satellite imagery** of Mining leases (Minor Minerals) within the jurisdiction of Dharmasala. The purpose of the survey to ascertain the quantity excavated from each mines/Quarry on time period basis. The agency shall submit the raw data and processed Data along with hard copy of the report.

RATE TO BE QUOTED:

DESCRIPTION OF WORK	Amount (Rs) excluding GST
Carrying out the QUANTITY SURVEY by High resolution satellite imagery of Mining leases (Minor Minerals) within the jurisdiction of Dharmasala. The agency shall submit the raw data and processed Data along with hard copy of the report i.e volume calculation sheet/drawing – for one mine/Quarry.	In Figures: Rs. ----- In words: Rupees -----

N.B:

- i) GST will be reimbursed extra as applicable on production of proof of payment.
- ii) Where there is a discrepancy between the rate in figures and words, the rate in words will govern.

SCOPE OF WORK

1. Quantity survey will be carried out as per the direction of the Tahasildar, Dharmasala for the designated mines/quarry under his jurisdiction.
2. The work will be carried out through high precision Digital photogrammetry Mapping process using HRSI (High resolution satellite imagery) with resolution less than 50 cm.
3. The image rectification will be done using precise ground control point.
4. Establishment and demarcation of GCP from Known point or ORSAC base point for each mine by GCP sheet.
5. Co-ordinate of the lease pillar & time period for the procurement of satellite imagery will be provided by the Tahasil office.

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6. The Agency has to procure satellite imagery (Stereo data of World View-2/3, Pleiades, Geo-eye sensor) of the Leases/ Quarry area to ascertain the excavated quantity.
7. The Agency will Supply raw stereo images procured through NRSC.
8. Report of Photogrammetry bundle adjustment.
9. Digital Ortho Images data of above lease area in soft copy.
10. Digital Terrain Modeling (DTM) for height & elevation data.
11. Digital Elevation Modeling (DEM) for height & depth.
12. High resolution ortho image
13. Volume calculation report
14. First volume calculation shall be made by taking the initial as per approved mining plan.
15. Subsequent volume calculation shall be done by taking the previous Satellite data/DGPS/TS combined Data.
16. A systematic framework of methodology has to be used to measure the surface area and volume
17. The methodology should be grouped into three stages. The first stage incorporates the Cartosat-1 Triangulation processing and the second stage is 3D feature extraction for volume and surface area estimation. The final stage is analyzing the change detection of surface area and volume for the desired period.
18. Geographical Information System (GIS) software should be used to calculate the volume of the quarry.

ELIGIBILITY CONDITION:

The tenderer must produce the following documentary evidence:

1. The agency must have experience in Mining sector for drone survey or DGPS Survey.
2. Certificate of Incorporation to be enclosed.
3. The agency must have GST registration Number. Copy of GST number is to be enclosed.
4. Copy of PAN card is to be submitted by bidder.
5. A declaration to be submitted that the bidder has carefully read all terms and conditions of the tender document and he is fully satisfied and accepted all terms and condition of the tender
(Note: Submission of any forge document will attract legal action including rejection of tender or cancellation of contract at the risk and cost of the contractor if awarded.)

EVALUATION OF THE BIDS:

The bidders are advised to quote their rates in the format given

L1 bidder will be evaluated on the basis of lowest rate quoted in the price bid. Note:


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- a) The Tahsildar reserves the right to award the contract to L2 party at L1 rate if L1 party refuses to receive the work order or undertake or fails to perform the job. In that case, EMD of the declining bidder will be forfeited and he may be debarred from participating in any tender of the company or the group companies.
- b) The bids will be evaluated on the basis of rates quoted and terms & conditions as given above. L1 will be the lowest price bid as per the stipulations given above.

BASIS OF PAYMENT:

1. On completion of total work, the agency will be submitting the soft copy in pen drive & hard copy of maps/report along with the bill, which on verification by authorized officer and will be approved by the Tahasildar
2. Income Tax and other taxes including surcharge and cess as applicable shall be deducted at source at the rate prescribed in the Income Tax act and/or other Act from the gross value of each bill.
3. The final bill will be subject to deduction of the TDS, any other dues levied by the Govt., penalties and other deductions, if any as per the contract.
4. Payment will be made at fixed agreed rate. GST shall be reimbursed extra at applicable rate.

AREA OF OPERATION:

The area of operation shall be the mining leases coming under the jurisdiction of Dharamasala Tahasil.

AWARD OF CONTRACT:

- i) The Govt reserves the right to accept or reject any or all tenders or distributes/split the work amongst different tenderers without assigning any reason thereof.
- ii) Govt also reserves the right not to accept the lowest offer and to divide the work to more than one successful bidder/bidder.
- iii) Govt also reserves the right to award the contract to L2 party at L1 rate if L1 party refuses to sign the agreement or undertake or fails to perform the job. In that case, EMD of the declining bidder will be forfeited and he may be debarred from participating in any tender of the company or the group companies


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TENDER SUBMISSION:

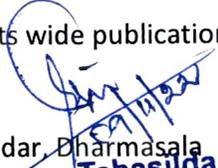
1. Bids received after 4.00 PM on 19.11.2022 will be rejected. And will be opened on 21.11.22 at 11: 30 am
2. Tender form containing 'over written' or 'erased' rate or rates and amount not shown in figures and words in English will be liable to rejection.
3. Any tender containing clerical or arithmetical mistakes may be rejected.
4. Any request from the bidder in respect of additions, alterations, modifications etc of either terms or conditions or rates of his tender after opening of the tender may lead to rejection of his tender.

Note: The tender submitted by an agency, who has been debarred by any PSU, will not be eligible to participate in the tender.


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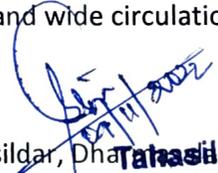
Memo No. 4976 Date 09.11.22

Copy to DIO, NIC Collectorate Jajpur to upload in the District website for its wide publication.


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Memo No. 4977 Date 09.11.22

Copy to all the Tahsildars and BDOs of the Jajpur district for information and wide circulation.


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Memo No. 4978 Date 09.11.22

Copy to Collector, Jajpur and Sub-Collector, Jajpur for kind information.


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