



भारत सरकार
GOVERNMENT OF INDIA
जल संसाधन नदी विकास एवं गंगा संरक्षण मन्त्रालय
MINISTRY OF WATER RESOURCES RIVER DEVELOPMENT AND GANGA
REJUVENATION



केन्द्रीय जल आयोग
CENTRAL WATER COMMISSION

e-Tender Document

For

"Detailed Command Area survey using Unmanned Aerial System (UAS) in the Command Area and preparation of contour maps at 0.5 m contour interval at Birmati Reservoir Scheme"

e-TENDER No.: NEID-III/NIT/2019-20/100 Dated 31/03/2019

LAST DATE OF SUBMISSION: 08/04/2019 (Up to 11:00 hrs.)

TECHNICAL BID OPENING DATE: 08/04/2019 (at 12:00hrs.)

Certified that this tender document contains 53 nos pages

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Brahmaputra & Barak Basin Organisation, Shillong

उत्तर-पूर्वी अन्वेषण परिमण्डल, शिलांग

North Eastern Investigation Circle, Shillong

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North Eastern Investigation Division-III, Itanagar

**Government of India
Central Water Commission
North Eastern Investigation Division-III, Itanagar**

Notice Inviting e-Tender

On behalf of the President of India, Executive Engineer, **North Eastern Investigation Division-III**, Central Water Commission, **ITANAGAR** invites sealed item rate Bid(s), from eligible Bidder(s) for the following work:

Name of work	" Detailed Command Area survey using Unmanned Aerial System (UAS) in the Command Area and preparation of contour maps at 0.5 m contour interval at Birmati Reservoir Scheme "
Estimated Cost	11.99 Lakhs
Earnest Money	24000.00
Security Deposit	5 % of tendered and accepted value of work
Performance Guarantee	5 % of tendered and accepted value of work
Contract Period	120 Days
Cost of Tender Document	500/-

E-tender is available on TCIL website URL <https://www.tcil-india-electronictender.com> from 31/03/2019 to 08/04/2019

1. Qualification Criteria that the Firms should fulfil, includes:

- i. Should be a Government Registered firm in the business of providing Aerial Surveys, 3D photogrammetry, digital mapping, 3D visualization and allied works in India
- ii. The firm should have satisfactorily executed *Topographical Survey using Photogrammetry Technology (Aerial / UAV/ Satellite/ Equivalent Technology) of Water Resources Project* for a Government Department / PSU as Principal contractor" in last five years since date of submission of bidding document. The agency/firm should confirm to any one of the following criteria-
 - (a) Three similar completed works costing not less than the amount equal to 40% of the estimated cost. OR
 - (b) Two similar completed works costing not less than the amount equal to 50% of the estimated cost. OR
 - (c) One similar completed work costing not less than the amount equal to 80% of the estimated cost.

Copy of Work Orders and corresponding Completion Certificates of Works issued by the Tender Accepting / Executing Authority may be appended.

- iii. The firm should have generation DEM/DTM and 0.5 m interval contour by processing data captured through Aerial / UAV system for minimum 125 Sq Km areas.
- iv. Established Ground Control Points (GCPs) by DGPS of 300 points linked to WGS-84/ Survey of India GTS Control.
- v. Should have sufficient experienced professionals, Engineers, Surveyors, GISexperts.
- vi. Should possess documentary evidence of owning/ having hired/leased minimum 2 nos. DGPS, minimum 4 nos. Total Station and levelling instruments etc. required to complete the assignment.
- vii. The average annual turnover of the firm should be at least Rs. 25 Lakh. for last Three years and should not have incurred any loss for more than 1 year. In this context, the audited balance sheet may be appended.
- viii. Consortium/Joint Venture/sub contract is not allowed.
- ix. The Bidder should not be blacklisted / debarred from participating in tender floated by any State / Central Govt. Agencies. An undertaking on company's letterhead should be submitted for the same.

Note: Proof must be attached for all the above qualification criteria. Any Statement with regard to above qualification criteria without proof will be assumed to be invalid and agency will be disqualified on that ground. Only agencies fulfilling all the above criteria will be short listed technically.

2. **Verification of Details :** Executive Engineer, North Eastern Investigation Division - III, Central Water Commission, Itanagar reserves right to verify the particulars furnished by the Bidder independently. If any information furnished by the Bidder is found to be incorrect at any stage, his / her Earnest Money Deposit / Performance Guarantee/ security deposit shall be forfeited and he / she shall be debarred from tendering for the works of CWC in future.
3. **Agreement:** Agreement shall be drawn with the successful bidder on prescribed Form No CPWD 8. The bidder shall quote their rates as per terms and conditions of the said form, which shall form part of the agreement.
4. **Period of Contract:** The duration of the Contract shall be 120 Days.
5. **Availability of Work Place:** The workplace, Area of Interest (AOI) would be Command area of Birmati Reservoir Scheme (location map attached)
6. **Visit to Work Place by:** Bidder(s) are encouraged to inspect and examine the workplaces and its surroundings and satisfy / apprise themselves as to the nature of the work, the means of access and in general, shall obtain themselves all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender and rates, before submitting their Bid(s). A bidder shall be deemed to have full knowledge of the workplace whether he/ she inspects the site or not and no extra payment / compensation consequent upon any misunderstanding /miss interoperation or otherwise shall be allowed. The bidder shall be responsible for arranging and maintaining all materials, tools & plants, access, facilities for his personnel and all other services required for executing the work at his her own cost unless it is specifically mentioned in the contract documents.

Acceptance of Tender: Competent Authority does not bind himself/herself to accept the lowest or any other tender and reserves right to accept or reject any or all of the Bid(s)received without assigning any reason. Competent Authority also reserves the right of accepting the whole or any part of the tender and the bidder shall be bound to perform the same at the quoted rate.

7. Bid(s), in which the prescribed conditions are not fulfilled or are incomplete in any respect, are liable to be rejected.
8. Canvassing whether directly or indirectly, in connection with tender is strictly prohibited and the tender submitted by a Bidder who resorts to canvassing is liable to rejection.

9. The bidder shall not be permitted to tender for the work if any of his / her near relative is posted in office of Executive Engineer, North Eastern Investigation Division - III, CWC, Itanagar or any other CWC offices located as an Accounts Officer / Divisional Accountant or as an Officer in any capacity from the level of Junior Engineer and above. The bidder shall also intimate the names of persons who are presently working with him / her and are near relatives to Gazetted officers in any CWC office and Ministry of Water Resources, RD & GR. Any breach of this condition on the part of the bidder would render him / her liable to be disqualified for the award of work.

10. ISO 9001:2008 Certification(desirable).

11. Signing of Contract Agreement: The successful Bidder/Contractor on acceptance of his tender by the accepting authority shall deposit 5% of agreement cost as Performance

Guarantee in the form of Demand Draft/FDR/Bank Guarantee issued by Nationalized Bank within 7 days from the date of issue of letter of acceptance and sign contract agreement consisting of:

- a. The „Notice Inviting e-Tender“, all the documents including Instructions to Bidder(s), *General Conditions of Contract* , *Special Conditions of Contract*, *Description of Work* forming the tender as issued at the time of invitation of tender and acceptance thereof together with all correspondence leading thereto.
- b. Standard CPWD Form-8: Item Rate Bid(s)& Contract for Works.

-Sd-

Executive Engineer

Copy for information:

1. Chief Engineer, B&BBO, CWC, Shillong.
2. Superintending Engineer, NEIC, CWC, Shillong.
3. Executive Engineer NEID-I & II, CWC,Aizwal/Silchar.
4. Drawing Branch NEID-III, Itanagar for uploading e-tender on CWC/TCIL/CPD portal.
5. Account Branch, NEID-III, CWC, Itanagar

