

**Government of India
Central Water Commission
Chenab Division, Jammu**

NOTICE INVITING e-TENDER

NIT Number CD/JEQ/BHEP/544-49

Dated: 17.04.2020

On behalf of the President of India, Executive Engineer, Chenab Division, Central Water Commission, Jammu invites bids by e-tendering, from eligible bidder(s) for the following work:

Name of work	"Topographical Survey Work using Unmapped Aerial Vehicle (UAV) for Barinium Hydro Electric Project in District Kishtwar of Jammu & Kashmir."
Estimated Cost	Rs. 89.72 lakhs
Earnest Money	Rs. 1,79,440/-
Performance Guarantee	5 % of the tendered and accepted value of work.
Security Deposit	5 % of the tendered and accepted value of work.
Contract Period	90 days

SCHEDULE OF TENDER

Date and time of issue of bid document	17.04.2020 (16:00hrs)
E-Tender available online from	18.04.2020 (10:00 hrs)
Date and time of Prebid meeting	08.05.2020 (11:00 hrs)
Last date and time for receipt of bids online	22.05.2020 (12:00 hrs)
Date and time of opening of bids online	26.05.2020 (12:00 hrs)
Place of opening of bids	Executive Engineer Chenab Division, Central Water Commission Jal Ayog Bhawan, Rajinder Nagar Phase-I, Bantalab, Jammu-181123 Jammu & Kashmir
Price of tender document	Rs. 1000/-

1. Document Download

Tender documents may be downloaded from CWC web site www.cwc.gov.in (for reference only) and CPPP site <https://eprocure.gov.in/eprocure/app> or <https://etenders.gov.in/eprocure/app>.

2. Qualification Criteria that the Firms should fulfill, includes:

- a. Should be a registered firm / agency having worked for CWC, railways, CPWD, PSU or any other Govt. department for the works related to Aerial Surveys, 3D photogrammetry, digital mapping, 3D visualization and allied works in India. The firm should have experience of
 - a. Satellite-based survey.
 - b. Drone based surveys.
 - c. Working in hilly terrain areas.
- Copies of workorders and completion certificates shall be attached**
- b. The firm should have generation DEM/DTM and 1m / 2m interval contour by processing data captured through Aerial / UAV system for minimum 25 Sq Km areas.
 - c. The firm should have satisfactorily executed similar works, in the last seven years since the date of submission of bidding document. Similar works shall mean the survey work using Photogrammetry Technology (Aerial / UAV) of a Hydroelectric/ Multipurpose/ Irrigation/ Canal Project for a Government Department / PSU as Principal contractor. The agency/firm should confirm to any one of the following criteria-
 - (i) Three similar completed works costing not less than the amount equal to 40% of the estimated cost. OR
 - (ii) Two similar completed works costing not less than the amount equal to 50% of the estimated cost. OR
 - (iii) 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.

- d. Established Ground Control Points (GCPs) by DGPS linked to WGS-84/ Survey of India GTSControl.
- e. Should have sufficient experienced professionals, Engineers, Surveyors, GIS experts with at least 3 Key long-term Personnel with necessary qualification and experience in the Survey work who will be deployed on the work. **The salary certificates, degree and experience of the associated personnel who will be deployed for execution of the work may be appended.**
- f. Possession of Total Stations, DGPS and Licensed AutoCAD Map Software. Should possess documentary evidence of owning advanced and latest equipment and accessories required to complete the assignment.
- g. The average annual turnover of the firm during the last three years should be at least 80% of the estimated cost. In this context, **the audited balance sheets of last three financial years may be appended.**
- h. Consortium/Joint Venture/sub contract is not allowed.
- i. 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.

- 3. Verification of Details:** Executive Engineer, Chenab Division, Central Water Commission, Jammu reserves the 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/performance guarantee/security deposit shall be forfeited and he/she shall be debarred from tendering for the works of CWC in future.
- 4. 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.
- 5. Period of Contract:** The duration of the Contract shall include the period of **90 days** which can be revised or extended depending upon the exigency of work.
- 6. Availability of Work Place:** The workplace would be the project area of Barinium Hydro-Electric Project under Chenab Division, CWC, Jammu.
- 7. Visit to Work Place:** Bidders 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 tenders. 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-happening or otherwise shall be allowed.

The Bidder shall be responsible for arranging and maintaining all materials, tools & plants, access, facilities for his/her personnel and all other services required for executing the work at his/her own cost unless it is specifically mentioned in the contract documents.

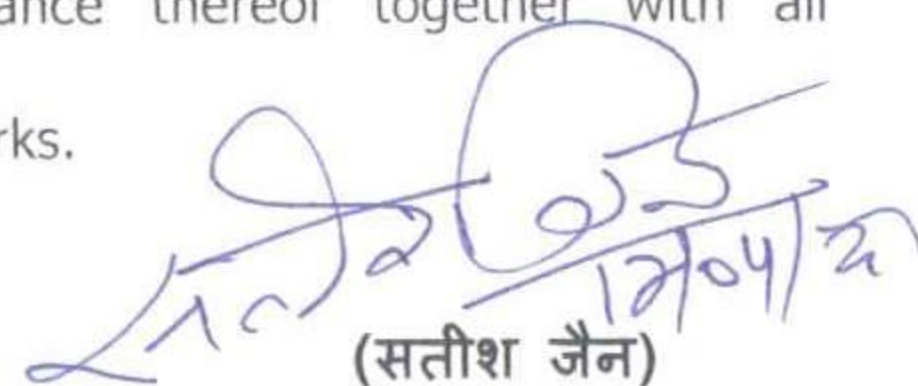
- 8. Acceptance of Tender:** Competent Authority does not bind himself/herself to accept the lowest or any other tender and reserves right to accept or reject any or all of the tenders received without assigning any reason. Competent Authority also reserves the right of accepting the whole or any part of the tender and the Bidder shall be bound to perform the same at the quoted rate.
- 9.** Tenders, in which the prescribed conditions are not fulfilled or are incomplete in any respect, are liable to be rejected.

10. 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.

11. The Bidder shall not be permitted to tender for the work if any of his/her near relatives is posted in office of Executive Engineer, Chenab Division, CWC, Jammu or 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 Jal Shakti, Dept. 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.

12. **Signing of Contract Agreement:** The successful Bidder/Contractor on acceptance of his/her tender by the competent authority shall deposit 5% of agreement cost as performance guarantee in the form of DD/FDR/Bank guarantee issued by Nationalized Bank within 7 days from the date of issue of letter of acceptance and sign contract agreement with Executive Engineer, Chenab Division, Jammu consisting of:-

- a. The 'Notice Inviting Tender', all the documents including 'General Conditions & Clauses of Contract', 'Special Terms & Conditions', 'Scope of Work & Specifications' 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 Tenders & Contract for Works.



(सतीश जैन)

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Copy for information:

- a. The Chief Engineer, IBO, CWC, Chandigarh.
- b. Director, M&A Directorate, Jammu.
- c. Account Branch, Chenab Division, CWC, Jammu.
- d. AE(HQ)/DB, Chenab Division, CWC, Jammu for uploading e-tender document in web site www.cwc.gov.in and www.eprocure.gov.in.
- e. Notice Board.