

**EXECUTIVE ENGINEER,
FLOOD CONTROL DIVISION, BEGUSARAI**

E-mail ID – eefcdbgs@gmail.com, Mobile No.-7463889799

Letter No-1660

/Begusarai,

Date-14.09.2026

Notice Inviting Quotation

Notice No :- 03/2026-27

**Quotation is invited in sealed envelop from empanelled firms/ consultants of WRD
Bihar for the following type of work:-**

Conducting Comprehensive LiDAR Drone Survey and Preparation of Hydraulic Model Input Data including high-resolution LiDAR survey of the river corridor and floodplain, Geo-referenced Orthomosaic, Classified Point Cloud (LAS/LAZ), DTM, DSM, River Cross Sections at 200 m interval with bed levels at 5-20 m spacing, UTM Coordinates (Easting, Northing, Bed RL & Chainage) in Excel format, Index Plan in AutoCAD showing river alignment, cross-sections, bridges, embankments and other hydraulic features, Bridge Inventory (pier, abutment, soffit level, road formation level, well cap level, span details), Contour Mapping, Longitudinal Profile, GIS/CAD Deliverables (DWG, SHP, KML), Raw Survey Data and Final Technical Report of River Ganga from 8km upstream to 18 km downstream of Begusarai old bridge (Rajendra Setu) complete as per Tentative Data required for the Model Studies by CWPRS,Pune for the construction of proposed ring bundh on the left bank of River Ganga from Chakia Thermal (Barauni Block,Begusarai) to Matihani Dhala (Matihani Block,Begusarai).

Related description is as follows:

Tentative Data required for the Model Studies by CWPRS,Pune is as follows :-

Description of work:-

1. Cross section data of river Ganga from 8 km upstream to 18 km downstream of Begusarai old bridge (Rajendra Setu) at an interval of 200 m extending 2 m above the HFL along both the banks of the cross section (preferably through LiDAR Survey). This will help in simulating the realistic flood extent in the model and for model validation too. The bed levels at an interval of 5 to 20 m along the cross section in UTM coordinates (Easting, Northing) required in the Microsoft excel format file (sample given below)
2. The index plan preferably to a scale of 1:15000 in Auto Cad format. The plan shall indicate the cross-section alignment, the 'zero' chainage of the cross section, gauge discharge site, bridge/barrage/weir alignments, existing roads, etc. (s as per CWPRS,Pune requirement)

3. Details of the bridges like dimension of piers, number of spans, abutment details soffit level, road formation level, level of well cap, etc. (as per CWPRS,Pune requirement)
4. The observed high flood levels with corresponding discharge along the reach under consideration. The high flood levels that may be marked on the structures across the river like bridge piers, barrage/weir abutments, permanent structures, etc. with corresponding discharge values are necessary for validating/proving the model.
5. Design discharge for the proposed ring bund may also be submitted.
6. Grain size distribution data or Lacey's silt factor of river in the deep channel and along the banks at an interval of 5 km along the reach under consideration.

Sl. no.	Details of work	Unit	Amount			
			In figure		In word	
	Conducting Comprehensive LiDAR Drone Survey and Preparation of Hydraulic Model Input Data including high-resolution LiDAR survey of the river corridor and floodplain, Geo-referenced Orthomosaic, Classified Point Cloud (LAS/LAZ), DTM, DSM, River Cross Sections at 200 m interval with bed levels at 5-20 m spacing, UTM Coordinates (Easting, Northing, Bed RL & Chainage) in Excel format, Index Plan in AutoCAD showing river alignment, cross-sections, bridges, embankments and other hydraulic features, Bridge Inventory (pier, abutment, soffit level, road formation level, well cap level, span details), Contour Mapping, Longitudinal Profile, GIS/CAD Deliverables (DWG, SHP, KML), Raw Survey Data and Final Technical Report of River Ganga from 8km upstream to 18 km downstream of Begusarai old bridge (Rajendra Setu) complete as per Tentative Data required for the Model Studies by CWPRS,Pune for the construction of proposed ring bundh on the left bank of River Ganga from Chakia Thermal (Barauni Block,Begusarai) to Matihani Dhala (Matihani Block,Begusarai).	L.S				





- 1) Date of issue of notice inviting quotation :- Date-14/09/2026
- 2) Office inviting quotation :- Executive Engineer, Flood Control Division, Begusarai
- 3) Date Time and Place of pre-Bid meeting :- Date-01/10/2026 at 3:00 PM, Executive Engineer, Flood Control Division, Begusarai
- 4) Last Date time & Place of Submission of Sealed Quotation :-
 - (1) Date-08/10/ 2026 at 3:00 PM, Executive Engineer, Flood Control Division, Begusarai
 - (2) Superintending Engineer, Flood Control Circle, Khagaria
 - (3) Chief Engineer, Flood Control & Drainage, WRD, Samastipur
- 5) Date time & Place of Opening of Sealed Quotation :-
 - (1) Date-08/10/2026 at 3:30 PM, Executive Engineer, Flood Control Division, Begusarai
 - (2) Superintending Engineer, Flood Control Circle, Khagaria
 - (3) Chief Engineer, Flood Control & Drainage WRD, Samastipur

Detailed quotation shall be seen on website <https://wrd.bihar.gov.in>

Ranjan
14/09/2026
Executive Engineer,
Flood Control Division,
Begusarai

14/10/2026

Terms and Conditions:-

1. **Eligibility:** The quotation will be accepted only from the empanelled consultants of Water Resources Department, Bihar vide letter no-1/PMC/Vividh/931/2013-48 dt 25.01.2022
2. Rates. The rates should be quoted in figure and in words as per unit mentioned in invited quotation(LS)(No Cutting and No Overwriting)
3. The rates should be quoted inclusive of Service Tax, GST and other applicable taxes and liabilities of State/Central Government. Nothing extra shall be payable by the department. Payment shall be made after deducting income tax and other applicable tax as per prevailing rates.
4. No price escalation will be entertained.
5. The sealed quotation will be opened at 3. 30 PM on 8th October 2026 in O/o Executive Engineer, Flood Control Division, Begusarai /Superintending Engineer,Flood Control Circle,Khagaria/Chief Engineer,Flood Control & Drainage,WRD,Samastipur in presence of Consultant/their representative who wish to attend the quotation opening (Authorization letter from the competent authority in case of authorized representative is mandatory)
6. The Consultant quoting lowest rate will be selected by the departments competent authority.The agreement will be made after getting the administrative approval by the competent authority of WRD,Bihar.
7. The consultant will be expected to commence the survey work immediately after the award of work.
8. Vague and Conditional quotation shall outrightedly be rejected.
- 9 The Executive Engineer,Flood Control Division,Begusarai reserves the right to postpone/cancel quotation anytime without any prior information .No bidder shall have any right to take any course of action or claim against the Executive Engineer,FCD,Begusarai for rejection of their bid.
10. In no case advance payment shall be made to the Consultant/Survey Agency.Payment shall be made after acceptance of final Survey report by CWRs,Pune as per their requirements.
11. The duration of survey and other related works are proposed for 1½ month after commencement of contract. The contract shall come in to force from the date of signing by both the parties.
12. The work order shall be issued after getting approval from the competent authority.
13. The Consultant/Survey Agency shall comply with labour laws and other relevant government regulations issued time to time.



14. The participating Consultant/Survey Agency is expected to visit the site before participating in this quotation. No additional claim/payment in terms of site condition shall be entertained after quoting rates by the consultant.
15. All drawing/documents shall be kept confidential and in no way, these are to be disclosed to any other person not concerned with this work.
16. Participating Consultant/Survey Agency may contact the undersigned for any query regarding this quotation.
17. Department office order no. 01/PMC/vividh/931/2013/51 Patna date 17.01.2023 is to be applicable and shall be followed by Quotationer.

18. Technical Eligibility Criteria

Bidders must furnish Certified proof of the following minimum credentials:

Experience: Completed at least two similar projects involving drone- based LiDAR topography combined with hydrographic bathymetry over large rivers within the last 5 years.

Equipment Ownership/Lease: Proof of access to multi-return drone LiDAR payloads, dual-frequency GNSS systems, and certified echo-sounders.

Regulatory Clearances: Valid remote pilot licenses and necessary statutory clearances from the Directorate General of Civil Aviation (DGCA) And local administration for flying drones along the River Ganga corridor.

19. Earnest Money:

The Consultant shall furnish Earnest Money @ 2% (Rounded in hundred rupees on higher side) of the amount quoted by the firm which must be pledged in favor of Executive Engineer, Flood Control Division, Begusarai (named as Employer and Engineer in charge) and shall be in any of the following forms or as mentioned in the Bihar Financial Rules:

- a. Indian Post Office Term Deposit 1 Year 2 Year/ 3 Year; 8th Issue of 6 years duly National Saving Certificate Certificate duly endorsed by the competent Postal authority of Bihar.
 - b. Fixed Deposit Receipt of any Schedule Bank within the State of Bihar and it should be valid at least for six months after last date of receipt of NIQ.
 - c. 5 Years National Development Bond/State Development Loan Certificate.
 - d. Un-conditional Bank Guarantee issued from any schedule Indian Bank for the work amount costing more than 1 crore.
20. Amount equivalent to 10% (Ten Percent) of the Bill shall be deducted by the Executive Engineer, Flood Control Division, Begusarai and kept in department as security deposit from each running account bill. This will be released after 6 month of completion and after process of final bill of the aforesaid survey work.



21. (i) This quotation is not transferable.

(ii) The agency shall make adequate arrangements for the safety of the personnel during execution of the work and the agency will be solely responsible for any accident/mishap if it occurs.

sd/-
Executive Engineer,
Flood Control Division,
Begusarai

Letter No- 1660 /Begusarai,

Date:- 14-09-2026

Copy:- Public Relation officer, WRD, Bihar, Patna for information and publication in newspaper & uploading detailed quotation notice on departments website.

R. K. Singh
14/09/2026
Executive Engineer,
Flood Control Division,
Begusarai

sd/-
14/09/2026