



GOVERNMENT OF WEST BENGAL
OFFICE OF THE EXECUTIVE ENGINEER
MOGRAHAT DRAINAGE DIVISION
IRRIGATION & WATERWAYS DIRECTORATE
NEW OFFICE BUILDING (1ST FLOOR)
IRRIGATION CAMPUS, PURATAN BAZAR
P.O. - BARUIPUR, PIN - 700 144
DIST. - SOUTH 24 PARGANAS

N. I. Q. No. 02 of EE / MDD of 2023-24

Memo No. **1730** / 19-16

Dated: **21.9.23**

Sealed Quotations in Prescribed proforma are invited by the Executive Engineer, Mograhat Drainage Division, Baruipur, South 24 Parganas from the Agencies/Organizations having sufficient experience in topographical land survey with traditional method and 'Total Station System', Contractors and General order suppliers having similar working experience in connection with the following works:-

SI No-1 Topographical survey work for proposed Single Lane R.C.C Bridge of Carriageway 4.250 M over Mandir Bazar Khal at Ch. 190.00 at Vill-Morapai in Block - Mograhat - I, P.S- Usthi, Dist. - South 24 Paraganas.

SI No-2 Topographical survey work of approach road and channel for proposed RCC Bridges over Surjapur link channel at 718.00 M in Mouza Dhannkhola in G.P: Nabagram and over Peali channel at 2580.00 M in Mouza : Machpukur , G.P: Brindakhali under Block & P.S: Baruipur, in District south 24 parganas

The intending quotationers having valid licenses, PT & IT, PAN, GST registration etc. should possess adequate experience in the field of detail topographical survey for enabling the requirements of Engineering Department and other related departments who deal with detail information of the areas in respect of political, geographical, topographical, demarcation of boundary, water bodies, roads, railways, buildings, hutments, rivers, canals, drainage channels, bridges, culverts and all other requisite information to have detail idea of the areas. Any additional input, if felt necessary by the department, is to be surveyed, incorporated and shown in the survey map to be handed over by the agency to the department. No additional expenditure in this connection will be borne by the department.

Prior to furnishing the survey map, the lowest quotationer should get well acquainted with his assignment in detail discussions with the Engineer-in-charge or his authorized representative to avoid submission of any incomplete survey map which is liable to be rejected. The Engineer-in-charge reserves the right in this regard to reject any/all incomplete [in terms of requirement of the department] survey drawing without assigning any reason thereof. The lowest quotationer is liable to rectify any error/omission detected by the department at his own cost. No claim whatsoever in this regard from the quotationer will be entertained. The documents to be supplied in quadruplicate both in hard and soft copies. The decision of the Engineer-in-charge is final and binding.

Scope of Work:

1. Cross section of the river or channel at an intervals of 10 M across the channel along with central line of the proposed bridge and two cross section on the u/s side and two c/s on the d/s at an intervals of 100 M along the channel. The cross section should show the following
Highest flood level recorded
Lowest low water level recorded
2. Long section of the river or channel at 30 M interval up to 1000M or as decided by the Engineer - in - Charge on the upstream at down - stream side along the approx center line.
3. Long Section of the road along the road central line with R.L. at interval of 30m up to 150m on either side of crossing.
4. Cross Section of the road at interval of 30m up to 90m on either side of the crossing showing the crest width, side slope, ground level on either side up to 15m beyond the toe of embankment.
5. Angle crossing of the road with the channel / river.
6. Preparation & submission of Cross sections, Long Sections and Total station survey plan in suitable scale showing bridge tentative alignment, substructure locations and both sides approach roads with

structures (temporary or Permanent) up to 150 m, 5 nos. of cross sections in plan (One at bridge alignment, and two each on U/S & d/s at an interval of max. 100 m apart or as decided by the Engineer - in - Charge) reports of detailed survey works in 06 (six) no hard copies along with 2 (two) no. soft copies preferably in CD form of entire works in bound & presentable form complete as per direction of Engineer- in charge.

The area proposed to be surveyed should be seen and made necessary reconnaissance of by the lowest quotationer with the departmental representative. Any part area/patch of area relevant to the whole survey, if not reflected inadvertently, is to be surveyed by the quotationer at his own cost.

The total survey work including submission of requisite maps both in hard and soft copies separately for each item mentioned in the scope of the work of N.I.Q. is to be executed within 20 (twenty) days from the date of issue of the work-order. Finalization of drawing as stated above will rest upon the discretion of the Engineer-in-charge, no claim what so ever in this regard will be entertained.

The quotation is to be submitted in the prescribed format including GST and other necessary Taxes. Any incomplete/illegible quotation is liable to be rejected. For evaluation of lowest quotationer the total amount will be considered.

The quotation in the prescribed Proforma as above will be received in the office of the Executive Engineer, Mograhat Drainage Division, Baruipur, South 24 Parganas as per the following time schedule.

1. Last date and time of application :-29/09/2023 up to 3.00 P.M.
2. Necessary prescribed Proforma with terms and conditions will be supplied free of cost from the office of the undersigned up to 03/10/2023 up to 2.00 P.M. on demand.
- 3 Last date and time of receiving quotation 05/10/2023 at 2.00 P.M.
- 4 Date and time of opening quotation 05.10/2023 at 2.30 P.M.
5. The quotations will be opened by the undersigned on the specified date and time in presence of the intending quotationers who will be present at that time.

Executive Engineer
Mograhat Drainage Division

Memo No. 1730 / 1 (6) / 19-16

Dated -

Copy forwarded for information to:-

- 1) The Superintending Engineer, Greater Calcutta Drainage Circle, Jalsampad Bhavan, Salt Lake, Kolkata-91.
- 2) The TA to Superintending Engineer, Greater Calcutta Drainage Circle, Jalsampad Bhavan, Salt Lake, Kolkata-91.
- 3) The Executive Engineer, Bidyadhari Dr. Division / Urban Dr. Division / Suburban Dr. Division.
- 4) The AE / SDO, Baruipur Drainage Sub-Divn. / Mograhat Dr. Outfall Sub-Divn. / Mograhat Irrigation Sub-Divn.
- 5) The Accounts Branch / Estimating Branch, Mograhat Drainage Division,
- 6) The Office Notice Board of Mograhat Drainage Division.

Executive Engineer
Mograhat Drainage Division