



**GOVERNMENT OF WEST BENGAL
OFFICE OF THE SUB-DIVISIONAL OFFICER
BURDWAN IRRIGATION SUB-DIVISION NO.-IV
KALNA, PURBA BARDHAMAN**

Notice Inviting Quotation No. - WBIW/SDO/BISD-IV/NIQ-03/2025-2026

Quotation in prescribed proforma invited by the **Sub-Divisional Officer, Burdwan Irrigation Sub-Division No.-IV, Kalna, Purba Bardhaman** from the Agencies/Organizations, Contractors and General order suppliers having similar working experience in connection with the following work:-

Name of Work: - **Topographical & hydrographical Survey in connection with special repair to the sluice gate over Tentultala Khal at vill.-Sonakuri, Block-Purbasthali-I, Dist.-Purba Bardhaman under Damodar Canal Division.**

The intending bidders having valid licenses, PTPC & ITR, PAN, GST registration etc. should possess adequate experiences in the field of detail **Hydrographic and land** survey as per requirement of Engineering Department and other related Departments who deal with details information of the areas in respect of political, geographical, topographical, demarcation of boundary, water bodies, roads, railways buildings, hutments, rivers, canals, drainage channels, bridge, 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 maps 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 data, maps, drawings etc. the lowest bidders should get well acquainted with his assignment through detail discussions with the Engineer-in charge or his authorized representative to avoid submission of any incomplete survey data / maps / drawing 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 bidder will be liable to rectify any error/omission detected by the department at his own cost. No claim what so ever in this regard from the bidders will be entertained. The decision of the Engineer-in-charge will be final and binding.

Terms & Conditions

Details of survey data to be supplied:-

Topographical and Cross Sectional survey data of river Khari at an interval of 50.0m (In longitudinal direction) and 2.0m (In transverse direction) showing all levels (in G.T.S. R.L.) starting from 100.0m of country side to top of other bank / deepest river bed as the case may be.

- a)** Full cross section of river at an interval of 50 m c/c (longitudinally)
- b)** Soft copy & hard copy in booklet form survey data has to be supplied in 3 sets for each section also showing latitude and longitude at the centre of the damaged bank.
- c)** In all cross sections Low Water Level (L.W.L.) and High Flood Level (H.F.L.) has to be shown.

The area proposed to be surveyed should be seen and made necessary reconnaissance of by the lowest bidder 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 bidder at his own cost.

The total survey work including submission of requisite map in triplicate both in hard and soft copies separately for each item mentioned in the description of item of the N.I.Q. is to be executed within **10 (Ten) days** from the date of issue of the work order. Finalisation 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 following format and rate will be quoted including all taxes. Any incomplete/illegible quotation is liable to be rejected. For evaluation of lowest bidder the total amount will be considered.

The quotation in the prescribe proforma as above will be received in the **office of the Sub Divisional Officer, Burdwan Irrigation Sub-Division No.-IV, Kalna, Purba Bardhaman** as per following time schedule.

- 1) Last Date of receiving application 14.10.2025 up to 05:00 P.M.
- 2) Last Date of issuing quotation paper 15.10.2025 up to 05:00 P.M.
- 3) Last date and time of receive quotation 17.10.2025 up to 02:00 P.M.
- 4) Date and time of opening quotation 17.10.2025 after 02:00 P.M.
- 5) The quotations will be opened by the undersigned on the specified date and in presence of the intending bidders who will be present at the time.

After having the work order and prior to undertake the jobs, the successful bidder will have to execute formal agreement in W.B. Form No. - 2911 by depositing 2% (Two percent) of amount quoted as Earnest Money through bank Draft drawn in favour of the **"EXECUTIVE ENGINEER-II, DAMODAR CANAL DIVISION"** within 7 (Seven) days from the date of issue of the work order failing which the work order may be treated as cancelled. The NIQ will also be a part of the agreement.



**Sub-Divisional Officer
Burdwan Irrigation Sub-Division No.-IV
Kalna, Purba Bardhaman**

Memo No. - 398(7)

Date - 25.09.2025

Copy forwarded for information and circulation to:-

- 1) The Superintending Engineer, Damodar Irrigation Circle, Kanainatsal, Purba Bardhaman.
- 2) The Executive Engineer-I, Damodar Canal Division.
- 3) The Executive Engineer-II, Damodar Canal Division.
- 4) The District Information Officer, Purba Bardhaman.
- 5) Accounts Section, Damodar Canal Division.
- 6) Estimating Section, Damodar Canal Division.
- 7) Office Notice Board, B.I. Sub-Division No.-IV.



**Sub-Divisional Officer
Burdwan Irrigation Sub-Division No.-IV
Kalna, Purba Bardhaman**

Schedule of work
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Schedule for the work :- Topographical & hydrographical Survey in connection with special repair to the sluice gate over Tentultala Khal at vill.-Sonakuri, Block-Purbasthali-I, Dist.-Purba Bardhaman under Damodar Canal Division.

Sl. No.	Description of Item	Quantity	Unit	Rate	Amount(Rs.)
1	<p>Detailed topographical & hydrographical survey of various Rivers/Khals/Drainage Channels/ Canals/ Dam/ Reservoirs/ Beels etc using higher precision instruments like DGPS/RTK/TOTAL STATION for land survey, ADCP/ECO-SOUNDER for water body survey etc alongwith total geo-referencing (X-Y-Z) alignment and plotting on google earth/arcGIS based map for taking cross sections, Long section of Drainage Channels / Khals/Rivers (extending each cross section upto 50 m from toe of country side at both side banks) w.r.t. nearest known Ground control point (G.C.P)/Great trigonometrical survey (G.T.S.) Bench Mark, including additional cross sections (both U/S & D/S) at the points of bridges, regulators, cross drain, inlets, tributaries, branch channels, drains, out channels from pump houses, important structures etc., including additional cross sections at adjacent outfall point of these Drainage Channels / Khals / Rivers into other river for 250 mtr U/S & 250m D/S of that outfall point and showing detailed topography plan of all permanent & temporarily features like roads, canal, bridges, park, culvert, boundary wall, Electric post, transformer etc. as available within the area, also including preparation of survey plan showing the location of topo point of FRL/G.L/Bed level/Berm Level/HFL/LWL/Free-board/Pond/depressions/road etc. with appropriate R.L and open area/green area/total ground coverage/nature of land for mentioning in the drawing with suitable scale, true north & relevant photographs etc. as per direction & satisfaction of E.I.C. complete in all respect. The cross section interval shall be fixed as & when required as per direction of E.I.C. Raw data for mathematical modelling (in specified format as per direction of concerned authority) of survey work will also be submitted in time to time during working day.</p> <p>Note: [i) The rate is inclusive of all incidental charges like all type carriage, engagement of manpower & instruments/equipment, Motor boat/Power driven boat with manpower if required, Data processing integrated software etc. as applicable to complete to work in all respect but the rate is exclusive of all taxes]</p> <p>(i) Cross-Section Width 0.0 m to 250.0 m and Cross-Section interval of 30 m to 120 m C/C along river/khal/drainage channel etc. (a) Upto 5.00 Km</p>	0.60	Per KM.		
2	<p>Benchmark Connection for different location w.r.t known Bench Mark including flying of known Ground control point (G.C.P)/Great trigonometrical survey (G.T.S.) Bench Mark from nearest available locations up to different locations with the help of high precision instruments like DGPS/RTK/TOTAL STATION etc. and also providing necessary painting, lettering etc as per direction of EIC complete in all respect. Note: The rate is inclusive of all charges like all materials, all type carriage upto site, all labours, painting, lettering etc as applicable to complete to work in all respect but the rate is exclusive of all taxes as applicable</p>	1	Each		

Sl. No.	Description of Item	Quantity	Unit	Rate	Amount(Rs.)
3	Measurement of discharge, velocity etc through ADCP during daylight hours (6:00 AM -6:00PM) per day coinciding with the gauge point along with experienced technical manpower in similar nature of hydrological observation work at the time of HT, IT, LT etc including cross sections , long section of Drainage Channels / Khals /Rivers etc using higher precious instruments of ADCP/ECO SOUNDER etc by geo-referencing alignment and plotting on arc GIS based map of Drainage Channels / Khals /Rivers etc w.r.t. nearest known Ground control point (G.C.P)/ Great trigonometrical survey (G.T.S). Discharge & Velocity data should be presented in the form of profile along with bed material and suspended sediment Concentration (SSC) to be collected during ADCP run. Everything mentioning in the drawing with suitable scale true north and relevant photographs etc as per direction & satisfaction of E.I.C complete in all respect. The cross section interval shall be fixed as & when required as per direction of E.I.C. Raw data for mathematical modeling (in specified format as per direction of concerned authority) of survey work will also be submitted in time to time during working day. Note: (The rate is inclusive of all incidental charges like all type carriage, engagement of manpower & instruments/equipment. Motor boat/ power driven boat with manpower if required. Data processing integrated software etc. As applicable to complete to work all respect	1	Per Day		
2	Preparation and submission drawing of cross section with proper level data in hard copy and also in soft copy including alignment map in the stipulated zone as per direction of the EIC, including all cost of man & machineries, incidental charges etc.	3 set	Each set		

Total = Rs.



**Sub-Divisional Officer
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