



Government of West Bengal  
Irrigation and waterways Directorate  
Office of the Executive Engineer  
Suburban Drainage Division  
7<sup>th</sup> Floor, Jalasampad Bhawan, Salt Lake, Kolkata-91

**Notice Inviting Quotation**

Memo No.: 1532/1Q-1/SDD

Dated: - 23.09.2025

**(N.I.Q. No. 02 of 2025-26 Of Executive Engineer, Suburban Drainage Division)**

Sealed quotations are hereby invited from resourceful, Bonafide, experienced, surveying and consulting engineering firms having credential in similar nature of works for carrying out the following jobs as detailed below:

- 1. Name of Work** : "Consultancy services for NDT test at different location of Bridges over Charial Main Khal & Diversion Khal in Block-Thakurpukur Mahestala & Budge Budge-I in the district of South 24 Parganas under Suburban Drainage Division during the year 2025-26."
- 2. Scope of work** : **As described in Appendix – A**  
To study should include the following:  
i) To study rebound hammer test.  
ii) To study ultrasonic pulse velocity test.  
The study may not be limited to the above points, any other parameter if felt necessary during the job, may be adopted.
- 3. Eligibility** :  
i) Experience in similar nature of work under MoRT&H, NHAI, State PWD, I & W D & Other Govt. Organizations.  
ii) Adequate in house infrastructure support having experienced technical personnel/equipment's/expertise/software in carrying out similar nature of works  
iii) Credentials/Completion certificates from competent authority for similar nature of works, done during last three years to be submitted.  
iv) Up-to-date clearance certificate of I.T, P.T, GST ( as applicable) .
- 4. Site visit (if necessary)** : It is desirable that the intending agency get acquainted with the site before quoting their rates.
- 5. Submission of quotation** : Rates are to be offered in the form (included in Appendix- B) in the company's letterhead in sealed cover in Lump-sum basis. Rates are to be written both in figure and in words. The rates are required to be comprehensive covering all charges for manning instruments & appliances, carriage, stationeries & other incidentals including all statutory taxes. Conditional offer will not be accepted. Copy of documents as noted at Sl.No.3 ( Eligibility ) from (i) to(iv) are to be submitted along with offer letter. Copy of this NIQ along with Appendix-A duly signed by quotationer is required to be submitted during submission of quotation . Copy of NIQ may be downloaded/obtained from this office free of cost .
- 6. Date of Publication:** 24.09.2025
- 7. Last date of receiving application** : 14.10.2025, 1:00 pm
- 8. Last date of issuing** : 15.10.2025; 4.00 pm
- 9. Last date of submission** 17.10.2025 up-to 1.00 pm in the drop box at the office of Executive Engineer, Suburban Drainage Division.

- 10. Opening of quotation**      **17.10.2025 at 3.00 pm.** It is advisable that the applicants remain present during opening.
- 11. Execution of Tender/ Program of works**      **:**      Work order will be issued to the successful agency. Formal Tender agreement in appropriate form [WBF No. 291(i)/(ii)] will be available from the office of Executive Engineer as per Govt. rules.
- 12. Earnest Money**      **:**      2% of the quoted amount is required to be deposited in the form of Bank Draft issued by any Nationalized Bank in favour of Executive Engineer, Suburban Drainage Division., Government of West Bengal, within the appendix-B.
- 13. Security Deposit**      **:**      10% of the quoted amount. The SD will be released after 12 (twelve) months of successful completion of work.
- 14. Time of Completion**      **:**      **30 (Thirty) days** from the date of commencement of work which will be specified in Work Order.

*Executive Engineer*  
**Suburban Drainage Division**

**Memo No.: 1532 /1//1Q-1/SDD**

**Date: 24.09.2025**

Copy forwarded to:

Copy forwarded for information and having display on Notice Board to:

1. The Chief Engineer (South), Irrigation & Waterways Directorate, Govt. of West Bengal, Jalsampad Bhawan, Salt Lake City, Kolkata-700 091.
2. The Superintending Engineer, Greater Calcutta Drainage Circle, Jalsampad Bhavan, (2<sup>nd</sup> floor) Salt Lake, Kolkata-91.
3. The Executive Engineer, Urban Drainage Division, Jalsampad Bhavan, Salt Lake, Kolkata-700 091
4. The Executive Engineer, Metropolitan Drainage Division II, Jalsampad Bhavan, Salt Lake, Kolkata-700 091
5. The Sub-Divisional Officer, Suburban Drainage Sub-Division No. I / II / III
6. The Estimating Branch of Suburban Drainage Division.
7. The Accounts Branch of Suburban Drainage Division.
8. The Notice Board of Suburban Drainage Division.

*Executive Engineer*  
**Suburban Drainage Division**

## **APPENDIX-A**

**(N.I.O. No. 02 of 2025-26 Of Executive Engineer , Suburban Drainage Division)**

**Name of work :-** " Consultancy services for NDT test at different location of Bridges over Charial Main Khal & Diversion Khal in Block-Thakurpukur Mahestala & Budge Budge-I in the district of South 24 Parganas under Suburban Drainage Division during the year 2025-26."

➤ Name and location of the bridges:-

SI No	Name and location of the bridge	Name of the Division & Circle
1.	Burma Colony RCC Bridge at Ch.1650.00 M of Charial Main Canal 22.450962(N), 88.311236(E)	Suburban Drainage Division, Greater Calcutta Drainage Circle .
2.	Annie Sarani RCC Bridge at Ch 2175.0M of Charial Main Canal 22.448911(N), 88.306744(E)	Suburban Drainage Division, Greater Calcutta Drainage Circle
3.	Nischintapur RCC Slab Type Bridge at Ch. 3375.00M of Charial Diversion Canal 22.4577(N), 88.16292 (E)	Suburban Drainage Division, Greater Calcutta Drainage Circle
4.	Kali Math RCC Solid Slab Type Bridge at Ch.4200.00M of Charial Diversion Canal 22.4614(N), 88.1583 (E)	Suburban Drainage Division, Greater Calcutta Drainage Circle
5.	Mithapukur RCC Solid Slab Type Bridge at Ch.0.00 M of Charial Diversion Canal 22.4619(N), 88.1922 (E)	Suburban Drainage Division, Greater Calcutta Drainage Circle
6.	Gourangatala RCC Girder Type Bridge at Ch.4800.00 M of Charial Diversion Canal 22.4641(N), 88.1532(E)	Suburban Drainage Division, Greater Calcutta Drainage Circle
7.	Palpara RCC Girder Type Bridge at Ch.6500.00 M of Charial Diversion Canal 22.4709(N), 88.1466 (E)	Suburban Drainage Division, Greater Calcutta Drainage Circle
8.	Buita Shinghidanga RCC Arch Girder Type Bridge at Ch.975.00 M of Charial Diversion Canal 22.4578(N), 88.1843 (E)	Suburban Drainage Division, Greater Calcutta Drainage Circle
9.	Mithapukur RCC Girder Type Bridge at Ch.14590.00 M of Charial Diversion Canal 22.46213(N), 88.19237(E)	Suburban Drainage Division, Greater Calcutta Drainage Circle
10.	Buita School RCC Arch Girder Type Bridge at Ch. 1500.00 M of Charial Diversion Canal 22.4543(N), 88.1807(E)	Suburban Drainage Division, Greater Calcutta Drainage Circle

### **1. Background**

Old R.C.C Bridges situated at different locations . To many traffic running over this bridge regularly .

### **2. Objective**

Main objective of the study can be broadly enumerated as below:

- i) Preparation and finalization of Detailed Project Report for the bridges . Scope of work shall include conducting study to ascertain present condition of the bridges as per Standard SOR, PW( Roads) Schedule/PWD ( Schedule) /DATA book published by MoRTH & H / Notifications /Circulars published by MoRTH&H/GOI/GOWB as applicable.

### **3. Detailed study and Investigations: -**

To study entire condition structural elements like pilecap, pier, deck, approach slab, cross beam, long beam, girder . To find out if there is any distress.

To study condition of the whole structure to assess the present condition and remedial measure to be initiated immediately and in long term.

After the studying the present condition the report to be submitted along with photo graph of each and every individual pilecap, pier, deck, approach slab, cross beam, long beam, girder etc . The report should include recommendation regarding remedial measure in short term and in long term.

4. The detailed field surveys would essentially include at least the following activities :

- i) To check health condition of structural elements by conducting NDT test like Rebound hammer and UPV.

5. Reporting, Estimate Documents

Consultant shall prepare the following :

- i) Test reports in acceptable form including pictures with conclusion and comments specifically mentioning whether the slab is in useable condition or not .

6. Reports to Suburban Drainage Division , I & W D

Consultant shall submit following reports to the Executive Engineer, Suburban Drainage Division .

i) Detailed Project Report –

- Main Report: This report will represent the project background , details of investigations, inferences etc. Investigations pertaining to bridge recommendations and conclusions. Seven hard copies in colour print of drawing in A3/A2 size print and seven soft copies ( including a copy in editable format ) should be submitted in consultation with Executive Engineer . Suburban Drainage Division .
- Technical Specifications- Unless other-wise required IS/IRC codes
- Drawings ( in suitable Volumes acceptable to Employer ) – As may deemed necessary

7. Mode of Payment : According to tender clause .

***Executive Engineer***  
***Suburban Drainage Division***

## **APPENDIX-B**

**(N.I.Q. No. 02 of 2025-26 Of Executive Engineer , Suburban Drainage Division)**

Bill of Quantity (B.O.Q) in connection with the work of " Consultancy services for NDT test at different location of Bridges over Charial Main Khal & Diversion Khal in Block-Thakurpukur Mahestala & Budge Budge-I in the district of South 24 Parganas under Suburban Drainage Division during the year 2025-26"

[To be filled up by the agency in letter head.]

Sl. No.	Description of items	Quantity	Unit	Rate	Amount
1.	NDT test a) To study rebound hammer test. b) To study ultrasonic sound pulse velocity test.	06 Nos. 06 Nos.	Each Bridge Each Bridge		

I/We agree to carry-out the work mentioned herein at the total cost of Rs.....  
(in figures)

(Rupees.....  
.....)

only abiding by all terms & conditions stipulated in N.I.Q. with full satisfaction of QIA

***Executive Engineer***  
***Suburban Drainage Division***