



GOVERNMENT OF WEST BENGAL  
IRRIGATION & WATERWAYS DIRECTORATE  
OFFICE OF THE EXECUTIVE ENGINEER  
MALDA IRRIGATION DIVISION  
GREEN PARK, MALDA  
e-Mail ID – maldairrigation@gmail.com

Memo No: - 1915

Date: 12/12/2025

**NOTICE INVITING EXPRESSION OF INTEREST{EOI}**  
**No:- WBIW/EE/MID/EOI-01/2025-26**

Expression of Interest for obtaining competitive budgetary quotes at competitive market prices of different items related to the work “ **Erosion Abatement in Ganga and Kosi Rivers using Geosynthetic Concrete Mattress or equivalent for Slope Protection and Articulated Concrete Block or equivalent for Toe Protection and Apron at Bhutni Diara under Ratua-I block of Malda district.**” is being invited by the Executive Engineer, Malda Irrigation Division, Irrigation & Waterways Directorate on behalf of the Governor of West Bengal from reliable, bonafied & resourceful agencies/suppliers/firms/JV-Consortium/bidders having desired credential and financial capability for execution of works similar nature in India or abroad.

**This EOI is purely to know the present market rate and under no circumstance it shall be construed as quotation for placing any work order. For competitive bidding separate notice inviting Tender will be published later.**

Intending bidder should particularly go through the minimum desired Pre-qualification (PQ) works credential & financial eligibility criteria and satisfy himself/ herself of all the mandatory eligibility requirements. Bidders desirous of participating in the EOI should submit bids only if they fulfill the minimum PQ eligibility criteria and are in possession of all the required PQ Credential documents "**in original**", Financial proposal (quoted price schedule) of any bidder shall stand valid only if the bidder qualifies the eligibility criteria as laid down in **Technical and Financial Pre-Qualification Requirements**, detailed below.

**Issue of EOI documents:-**

Interested Bidders can obtain EOI documents, free of cost, from the Office of the Executive Engineer, Malda Irrigation Division, Irrigation & Waterways Directorate, during office hours on all working days up to **19/12/2025, 3.00 PM** or the same may be downloaded from the departmental website [www.wbiwd.gov.in](http://www.wbiwd.gov.in).

**Submission of EOI:**

The intending agencies/suppliers/JV-Consortium should submit their budgetary quotes for items of work listed in format (enclosed herewith) **along with all necessary documents duly signed by bidder or authorized signatory in a sealed envelope super scribing on the top(1) "EOI"** for the budgetary quotes for of different items related to the work “**Erosion Abatement in Ganga and Kosi Rivers using Geosynthetic Concrete Mattress or equivalent for Slope Protection and Articulated Concrete Block or equivalent for Toe Protection and Apron at Bhutni Diara under Ratua-I block of Malda district.**” (2) Name and address of the applicant, in the separate drop box to be available at the following office:

**OFFICE OF THE EXECUTIVE ENGINEER, MALDA IRRIGATION DIVISION, IRRIGATION & WATERWAYS DIRECTORATE, GREEN PARK, MALDA-732103.**

The intending bidders should submit their EOI for list of items given in format enclosed herewith. Rate for the specified item of work should be filled up properly.

**The rate is inclusive of all incidental charges for machinery, manpower, equipment involvement charges, transportation, incidental charges etc. but exclusive of GST & Labour Welfare Cess.**

Before submitting EOI, the intending Bidders should make themselves acquainted thoroughly with the existing local labour rate, site condition, work place etc. They may take assistance of this office for such observation, **He/ She may contact this office in any working day in between 11.00 A.M. to 3.00 P.M. up to 19/12/2025.**

The EOI is required to provide indicative rate of item of work as per schedule attached herewith (**Annexure-I**) in order to have comparison of rates between various prospective bidders and for sanctioning the **lowest** rate from the competent authority of this Department.

Prospective bidders are kindly requested to apply in their letter head enclosed with quoted price schedule.

Prospective bidders are requested to go through the **attachment (Annexure-II)** and **drawing (Annexure-III)** enclosed in this EOI before submitting their rate quote.

**Technical and Financial Pre Qualification:** Technical Pre Qualification requirements for eligibility of bidders shall be determined from the following documents to be enclosed with quoted price schedule as per attached format in sealed envelope

1. Copy of Valid 15-digit Goods and Service Tax payer Identification Number (GSTIN) as per GST Act, 2017.
2. Copy of valid Permanent Account Number (PAN) Card.
3. Copy of Latest available Professional Tax Payment Certificate (PTPC) or the PT payment challan/ receipt for current financial year/Waiver Order of competent authority in other States if applicable.
4. Copy of valid Trade License Certificate
5. A) **For Partnership Firms:** Documents of Registration of Partnership Firms in the certified copy of "Form No. VIII, issued under Indian Partnership Act, 1932 (Act-IX of 1932) by the Registrar of Firms. In case a Partnership Firm is yet to receive Form No. VIII, a "Memorandum" issued by the Registrar of Firms may also be accepted.  
B) **For Companies:** Incorporation Certificate, valid 'Memorandum of Articles registered under the Registrar of Companies (ROC) under the Indian Companies Act, List of owners/ Directors/Board Members are to be submitted with bid.  
C) **For State Registered Co-operative Societies:** Society Registration certificate from ARCS (Assistant Registrar of Co-operative Societies, GoWB) and By-Laws for Cooperative Societies under West Bengal Co-operative Societies Act, 2006 and Rules, 2011.  
D) **For Consortiums/Joint Ventures formed by individual Companies:** Memorandum of Understanding/ Agreement of Consortium or JV. In a Joint Venture all documents are to be mandatorily signed by all constituents of that JV. The lead member of the Consortium/Joint Venture of Companies should be clearly declared in a registered Non-Judicial Stamp paper of appropriate value during submission of bid in specimen Form-5.

Any change in the constitution of the Consortium or any of its constituent Firms should also be intimated to the office of the Registrar of Firms prior to submission of the bid and a certified copy of the revised Form No. VIII, showing changes in its constituents are required to be submitted with the bid. Also, the lead member of the Consortium/JV should be clearly declared in specimen Form-5.

Self-declarations in specimen Form-3 regarding authorized signatory for signing of all documents and in Form-5 regarding such authorization for Consortium/Joint Venture is required to be submitted with the bid. Power of Attorney of competent owners/first promoters is to be submitted, if the power is delegated for signing of Agreements/s to persons on behalf of the bidder/s

6. **It is Desirable that Prospective bidder should have experience of execution in similar type of work, in any Govt. Sector Organization in India within last 5 (five) financial years. Copy of Completion Certificate regarding execution of such work if any issued from Competent Authority not below the rank of Executive Engineer or Executive Officer shall have to be submitted.**

Selection of appropriate EOI is entirely vested upon the competent authority.

Sl. No.	Activity	Date & Time
1	Publishing date of EOI	13/12/2025 At 10.00 P.M
2	EOI submission date	19/12/2025 At 3.00 P.M
3	EOI opening date	19/12/2025 At 3.30 P.M

**No processing fee or bid security (EMD) is required during submission of EOI**

The applicant bidders/contractors are advised to carefully read the "Additional Terms & Conditions" contained in this EOI.

**Additional Terms & Conditions**

1. **This EOI is not an agreement and is neither an offer nor invitation by "The Authority" to the prospective Bidders or any other person to allot any work.**
2. **The purpose of this EOI is to provide interested parties with information that may be useful to them in making their financial offers (Bids) pursuant to this EOI. This EOI includes statements, which reflect various assumptions and assessments arrived at by the 'Authority' in relation to the work. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. Each Bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this EOI and obtain independent advice from appropriate sources.**
3. **Information provided in this EOI to the Bidder(s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The "Authority" accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.**
4. **The "Authority" may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this EOI. Bidder should,**

therefore, contact the office of the 'EOI inviting officer for information regarding any corrigendum or addendum in connection with the EOI before submission of bid.

**5. The 'Authority' reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever.**

**6. The Bidder shall bear all its costs relating to the preparation and submission of their Bid including but not limited to preparation, documentation, scanning, downloading expenses associated with or relating to the Bid. All such costs and expenses will remain with the Bidder and the 'Authority' shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding Process.**

**7. The EOI document shall be submitted by the bidder duly signed on each page of all documents submitted. In case the proposal is submitted on the document downloaded from official website, the applicant shall be responsible for its accuracy and correctness as per the version uploaded by the Executive Engineer, Malda Irrigation Division, Green Park, Malda caused in the content of the downloaded document. In case of any discrepancy between the downloaded or photocopied version of the EOI document and the original EOI document issued by the Executive Engineer, Malda Irrigation Division, Green Park, Malda the latter shall prevail.**

**8. Participation in budgetary quotes by an OEM, authorized agent/ dealer shall not be construed that he is eligible in the bidding process. Eligibility of a bidder shall be checked as per norms laid down in Technical and Financial Pre-Qualification Requirements and then only will be qualified to participate in financial stage.**

**9. The currency of the quotations will be Indian Rupee.**

**10. The items of work are to be executed strictly as per specification attached with EOI and shall conform to relevant Indian Standard Codal provisions and good industry practice. In the absence of any such provision in some items, the authority reserves the right to adopt suitable International Code/specifications/standards.**

**11. Conditional and incomplete EOI are liable to be summarily rejection.**

**Sd/-  
Executive Engineer  
Malda Irrigation Division,  
Irrigation & Waterways Directorate**

- **EOI inviting Authority- Executive Engineer, Malda Irrigation Division**
- **EOI accepting Authority- Superintending Engineer, North Irrigation Circle-I**

**Memo No.: -1915/1(7)**

**Dated: 12/ 12/ 2025**

**Copy submitted to: -**

1. The Chief Engineer (North), Irrigation & Waterways Directorate, Govt. of West Bengal, Green Park, Malda
2. The Superintending Engineer, North Irrigation Circle-I, Irrigation & Waterways Directorate, Government of West Bengal, Green Park, P.O.-Mokdumpur, Dist.-Malda.
3. Sub-Divisional Officer, Malda Investigation Sub-Division, Green Park, P.O.-Mokdumpur, Dist.- Malda.
4. Sub-Divisional Officer, Ganga Anti Erosion Sub-Division No.- I, Green Park, P.O.-Mokdumpur, Dist.- Malda.
5. Sub-Divisional Officer, Ganga Anti Erosion Sub-Division No.- II, Green Park, P.O.-Mokdumpur, Dist.- Malda.
6. Divisional Accounts Branch of Malda Irrigation Division, Green Park, Malda.
7. **OFFICE NOTICE BOARD** of Office of the Executive Engineer, Malda Irrigation Division, Green Park, P.O.- Mokdumpur, Dist.- Malda.

**Sd/-  
Executive Engineer  
Malda Irrigation Division,  
Irrigation & Waterways Directorate**

## **FORM – 3**

### **Power of Attorney for signing of Contract/Tender Agreement \***

(May be submitted if the bidder is a Company, Autonomous Body, Undertaking, Corporation, and NGO, in plain paper or otherwise in any legally acceptable format which shall be treated as the self-declaration of the bidder)

Know all men by these presents, I/We, ..... (name of the firm and address of the registered office) do hereby irrevocably constitute, nominate, appoint and authorise Mr./Ms (Name).....son/daughter of ..... and presently residing at....., who is presently employed with us/ the Lead Member of our Consortium/Joint Venture and holding the position of ..... as our true and lawful attorney (hereinafter referred to as the "Attorney") to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our bid for the \*\*\*\*\* Project proposed or being developed by the Governor of the State of West Bengal represented by the Superintending Engineer, ..... Circle, Irrigation & Waterways Directorate, Government of West Bengal, including but not limited to signing and submission of all applications, bids and other documents and writings, participate in bidders' and other conferences and providing information / responses to the Authority, representing us in all matters before the Authority, signing and execution of all contracts including the Agreement and undertakings consequent to acceptance of our bid, and generally dealing with the 'Authority' in all matters in connection with or relating to or arising out of our bid for the said Project and/or upon award thereof to us and/or till the entering into of the Agreement with the Authority;

AND we hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHEREOF WE, ....., THE ABOVENAMED PRINCIPALS HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS ..... DAY OF ....., 2025..For.....

(Signature Name date designation and address of the bidder/(s) & Contact No. & e-mail ID)

Witnesses: (Full Name with permanent addresses and contact nos.)

- 1.
- 2.

Signed & accepted

Notarized

#### **Notes:**

- 1 *The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law in India and the charter documents of the executants and when it is so required, the same should be under common seal affixed in accordance with the required procedure.*
- 2 *Wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a board or shareholders' resolution/ power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.*
- 3 *For a Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney is being issued. However, the Power of Attorney provided by Bidders from countries that have signed the Hague Legislation Convention, 1961 are not required to be legalized by the Indian Embassy if it carries a conforming Apostille certificate.*

- ***This is only a specimen format and the bidder may submit any other legally valid format by bidder organisation except Proprietorship Firms.***

## **FORM-5\***

### **Power of Attorney for Lead Member of Consortium/Joint Venture**

(To be submitted in Non-Judicial Stamp Paper of appropriate value, which shall be treated as the self -declaration of the bidder Consortium/Joint Venture as their joint affidavit-Specimen format, bidder may furnish in any other legally accepted format)

Whereas the Governor of West Bengal represented by ..... having its Head Quarters at .....PIN-.....Phone No....., e-mail ID ..... & Principal office at Jalasampad Bhawan, Salt Lake, Sector-II, Bidhannagar, Kolkata, PIN 700091, in West Bengal ("The Authority") has invited bids from eligible, bonafide, registered companies/registered joint ventures or consortiums, having desired credentials within India for the Project ....., Irrigation & Waterways Department, Government of West Bengal";

AND Whereas, (1)....., (2) ..... and (3)..... (collectively the "Consortium"/Joint Venture) being Members of the Consortium/Joint Venture are interested in bidding for the Project in accordance with the terms and conditions of the Tender and other connected documents in respect of the Project, and

Whereas, it is necessary for the Members of the Consortium/JV to designate one of them as the Lead Member with all necessary power and 'The Authority' to do for and on behalf of the Consortium/Joint Venture, all acts, deeds and things as may be necessary in connection with the Consortium/Joint Venture's bid for the Project and its execution;

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS

We, ..... having our registered office at ....., M/s....., having our registered office at ....., and M/s....., having our registered office at ....., (hereinafter collectively referred to as the "Principals") do hereby irrevocably designate, nominate, constitute, appoint and authorize M/s ....., having its registered office at ....., being one of the Members of the Consortium/Joint Venture, as the **Lead Member** and true and lawful attorney of the Consortium/Joint Venture (hereinafter referred to as the "Attorney") and hereby irrevocably authorize the Attorney (with power to sub-delegate) to conduct all business for and on behalf of the Consortium/JV and any one of us during the bidding process and, in the event the Consortium/JV is awarded the Contract, during the execution of the Project, and in this regard, to do on our behalf and on behalf of the Consortium/JV, all or any of such acts, deeds or things as are necessary or required or incidental to the submission of its bid for the Project, including but not limited to signing and submission of all applications, bids and other documents and writings, participate in bidders' and other conferences, respond to queries, submit information/ documents, sign and execute contracts and undertakings consequent to acceptance of the bid of the Consortium/Joint Venture and generally to represent the Consortium/Joint Venture in all its dealings with the Authority, and/ or any other Government Agency or any person, in all matters in connection with or relating to or arising out of the Consortium/Joint Venture's bid for the Project and/ or upon award thereof till the Agreement is entered into with the Authority;

AND hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us/ Consortium/Joint Venture.

IN WITNESS WHEREOF WE THE PRINCIPALS ABOVE NAMED HAVE EXECUTED THIS POWER OF ATTORNEY  
ON THIS ..... DAY OF ..... 20....

For ..... (Signature, Name & Title) For  
..... (Signature, Name & Title) For  
..... (Signature, Name & Title) (Executants/s)  
(To be executed by all the Members of the Consortium/Joint Venture)

#### **Notes:**

- 1 The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law in India and the charter documents of the executants and when it is so required, the same should be under common seal affixed in accordance with the required procedure.*
- 2 Wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a board or shareholders' resolution/ power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.*
- 3 For a Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney is being issued. However, the Power of Attorney provided by Bidders from countries that have signed the Hague Legislation Convention, 1961 are not required to be legalized by the Indian Embassy if it carries a conforming Apostile certificate.*

**(\*This is a specimen sample and the Consortium/Joint Venture is at liberty to furnish this affidavit in any legally valid forms in India for Works contract)**

**ANNEXURE -I (SCHEDULE OF ITEM)**

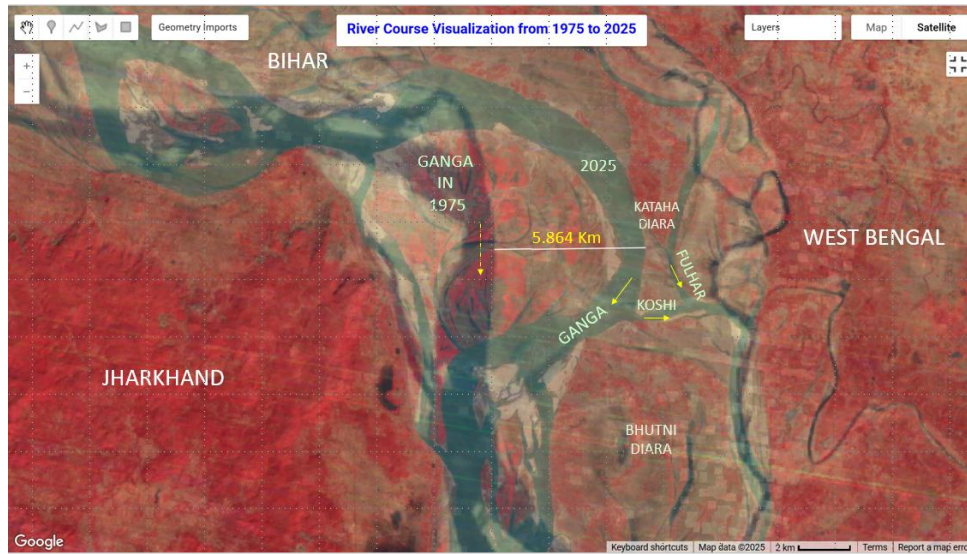
Name of the Work - **Erosion Abatement in Ganga and Kosi Rivers using Geosynthetic Concrete Mattress or equivalent for Slope Protection and Articulated Concrete Block or equivalent for Toe Protection and Apron at Bhutni Diara under Ratua-I block of Malda district.**

Description of Item	Quantity	Unit	Rate in Figure & Word in INR														
1	2	3	4														
<p>Design, supply and installation in position as per drawing and direction of the Engineer in Charge Cementitious Concrete Geosynthetic Mattress (CCGM) /Articulating Block in the form of Mattress with filter point wherever necessary &amp; having biaxial metallic rope or wire or other type of reinforcement, including filling up of the CCGM or Articulating Block with cement sand grouting, mix not leaner than 1:3, having a thickness as per design but not less than 150 mm after grouting, laid over the dressed bank slope and apron, to be extended up to the deepest bed level in the form of an apron, including provision for tying up of the adjacent panel by zipper arrangement and additional arrangement for toe protection, if felt necessary, further including all charges for underwater grouting, fitting &amp; fixing in position, taxes, duties, contractor’s profit &amp; overhead all complete.</p> <p><b>Note:</b> 1. The Geosynthetic material should conform to the following specifications.</p> <table><tr><td>Raw Material</td><td>PP /HDPE/PET</td></tr><tr><td>Mass per unit area</td><td>&gt;200 gm /sqm</td></tr><tr><td>Tensile Strength (MD)</td><td>&gt;= 45 kN/m</td></tr><tr><td>Elongation</td><td>&lt;20%</td></tr><tr><td>CBR Puncture Strength</td><td>&gt;= 5.0 kN/m</td></tr><tr><td>Apparent Opening Size</td><td>≤ 0.5 mm</td></tr><tr><td>Water permeability index</td><td>&gt; 0.013 m/s</td></tr></table> <p>2. The bidder is to furnish the design for ascertaining the thickness of CCGM /Articulating Block Mattress.</p> <p>3. Dressing of bank slope to proper file has been considered through separate items.</p> <p>4. The contractor shall be fully responsible for ensuring the stability and integrity of the protected riverbank slope, including countering anticipated toe scour. Accordingly, the contractor shall design and provide suitable toe protection measures, as required, to achieve a stable and continuous bank protection system. Since toe protection has been considered an integral and essential component for overall bank stability; therefore, no extra claim shall be entertained on this account.</p> <p>5. The probable quantity for execution will be around <b>1,50,000 SQM</b>.</p>	Raw Material	PP /HDPE/PET	Mass per unit area	>200 gm /sqm	Tensile Strength (MD)	>= 45 kN/m	Elongation	<20%	CBR Puncture Strength	>= 5.0 kN/m	Apparent Opening Size	≤ 0.5 mm	Water permeability index	> 0.013 m/s	1.0	SQM	
Raw Material	PP /HDPE/PET																
Mass per unit area	>200 gm /sqm																
Tensile Strength (MD)	>= 45 kN/m																
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CBR Puncture Strength	>= 5.0 kN/m																
Apparent Opening Size	≤ 0.5 mm																
Water permeability index	> 0.013 m/s																

Signature of bidder with Stamp

## ANNEXURE-II (BRIEF REPORT)

The gradual shifting of Ganga River course towards the Fulahar river is taking place at Kataha Diara & Bhutni Diara region in Ratua-I block of Malda district. A study on Satellite Remote Sensing reveals that since 1975 to 1925, the left bank of river Ganga has shifted by 5.864 km at Kataha Diara.



During last 2 years, havoc erosion has also taken place in Bhutni Diara thus engulfing a considerable portion of old Bhutni Diara Circuit Embankment, which was constructed as a spill checking embankment against high flood level of river Ganga during the year 1976-77 in order to protect Bhutni Diara. The paleo channel namely river Koshi has become activated after the flood of 2024, which is now acting as connecting channel between river Ganga and river Fulahar. During the flood of 2025, the newly constructed ring bundh has also been breached and the major cause of this failure is the severe toe erosion as observed near the confluence of river Koshi and river Ganga. The situation has been studied through Satellite Image as presented below.



It has been observed that huge land masses in Bhutni Diara has been lost due to river bank erosion of left bank of river Ganga during the year 2025.

### **Scope of Present Work**

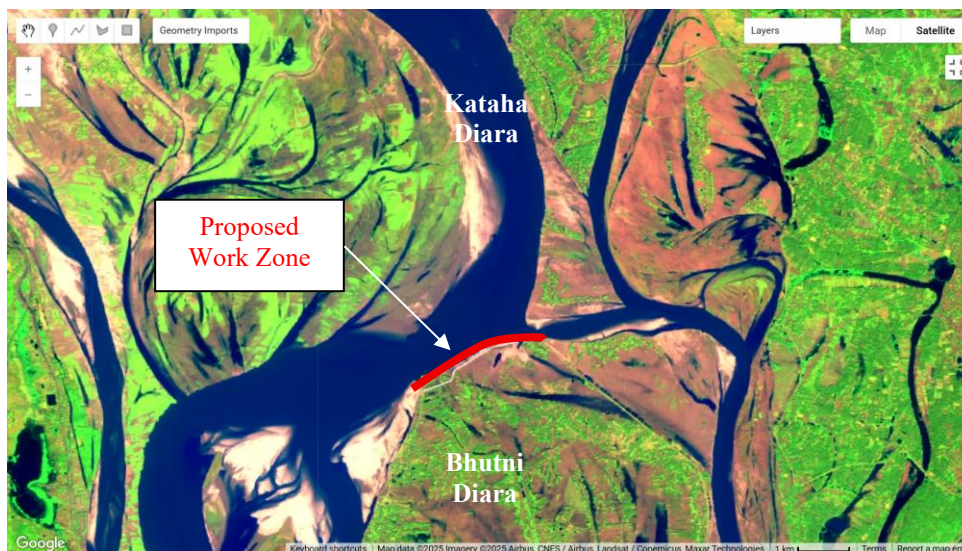
Irrigation & Waterways Department (I&WD), Govt. of West Bengal has executed several anti-erosion and river training works of palliative nature at different parts of Bhutni Diara and Kataha Diara using nylon crated poly bags, nylon crated HDPE bags, boulder revetment and apron, short spur of bamboo porcupine but erosion of river Ganga could not be controlled. The necessity of immediate measures is arising out of considerable changes in the river morphology that have taken place as depicted above.



Considering the gravity of the situation, I&WD has envisaged some erosion abatement works here using Geosynthetic Concrete Mattress or equivalent for Slope Protection and Articulated Concrete Block or equivalent for Toe Protection and Apron for river Ganga and river Koshi. A typical section of protection work has been prepared depending upon the recent hydrographical survey using ADCP and topographical survey using RTK DGPS. An index Map of proposed location of Ratua-I block of Malda district is presented below.



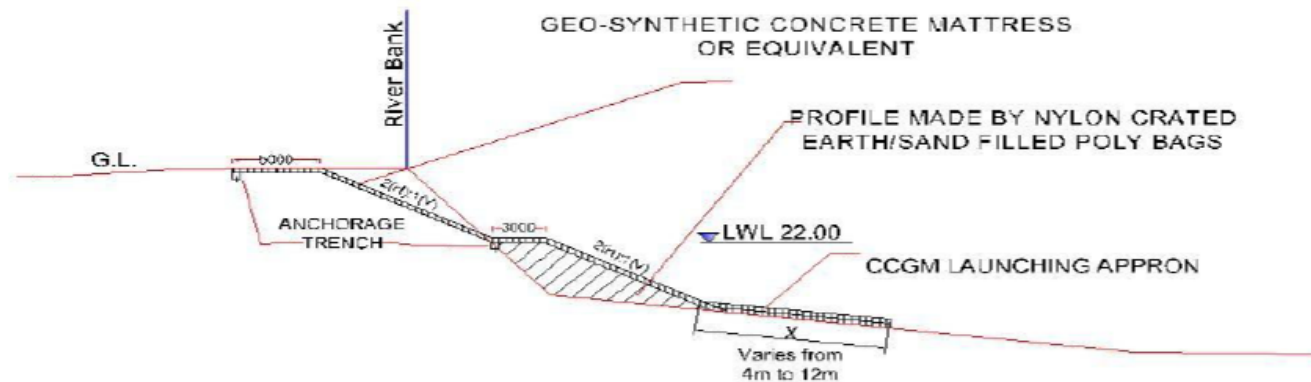
An index Map of proposed work zone is presented below.





**ANNEXURE-III (DRAWING)**

Name of Work: "Erosion Abatement Work in Ganga and Kosi Rivers using Geosynthetic Concrete Mattress or equivalent for Slope Protection and Articulated Concrete Block or equivalent for Toe Protection and Apron at Bhutni Diara under Ratua-I block of Malda district"



**TYPICAL CROSS SECTION OF RIVER BANK PROTECTION**