

*Government of West Bengal
Irrigation & Waterways Directorate
Office of the Superintending Engineer
Greater Calcutta Drainage Circle
Jalasangrad Bhavan (2nd. Floor),
Salt Lake City, Kolkata - 700091,
Phone No.- 033- 23340030
E-Mail ID se-gcdc@wbiwd.gov.in*

E.O.I. No. - 01 of SE /G CDC/ 2020-2021, Dated : 06.10.2020

Memo No:- 694/26-91(B)

date: 06.10.2020

Expression of Interest (EOI) for obtaining Budgetary Quotes

Basic Information

Expression of Interest (Eoi) is invited by the Superintending Engineer, Greater Calcutta Drainage Circle, Irrigation & Waterways Directorate (I & Dte) , Government of West Bengal for submission of **offline proposal** in two parts, (technical and financial with budget quotes) for preparation of Detailed Project Report with detailed scope of work , technical specification of the machineries to be used, work methodology and detailed cost estimate from suppliers/agencies/contractors within the country having credential for execution of works of similar nature or supplying of appropriate machine and having adequate financial capabilities for the following proposed work:-

Sl no	Name of Work/Project	Designated Executive Engineer to function as EIC	Period of work
1	Removal of water hyacinth, weeds and floating debris from the river Ichamati for a stretch of 50.00 K.M. starting from Dattafulia (entry point from Bangladesh in Ranaghat II block of Nadia District) to Satbhaikalitala (in Bongaon block in the district of North 24-Parganas), West Bengal, their disposal in the adjoining areas adopting a mechanism for bio degradation of the disposed material and thus keeping the river free from all kind of weeds and floating debris for a continuous period of 03(three) years.	Executive Engineer, Bidyadhari Drainage Division	03(three) years

1. The Detailed Project Report including BoQ, technical specification of machineries to be used, work methodology, bid evaluation criteria would be prepared based on the technical & financial proposals obtained from this Eoi and formal tender will be invited.
2. Intending contractors/suppliers desirous of participating in this EOI are required to visit the official website of the Irrigation & Waterways Department, Government of West Bengal <http://www.wbiwd.gov.in> to locate the instant EOI by scrolling the "e-Tender" link.
3. The interested contractors/suppliers eligible for the EOI are requested to download the Eoi document from the above website mentioned above and submit their proposals, in two separate folders (Technical & Financial Proposal) either through e-mail at "se-gcdc@wbiwd.gov.in" or

physically in sealed envelopes (one main envelope addressed to the "Superintending Engineer, Greater Calcutta Drainage Circle, Irrigation & Waterways Directorate, Government of West Bengal" in his office at 2nd Floor of Jalasampad Bhavan, Block DF, Bidhannagar, Pin: - 700091 with two separate inner envelopes one marked "Technical Proposal" and other marked "Financial Proposal", by the date and time mentioned below:

4. Last date & time of submission of bid is on **06.11.2020 till 15.00 Hours (IST)**.

5. The applicant bidders/contractors are advised to carefully read the minimum desired Pre-qualification (PQ) works credential & financial eligibility criteria and should submit bids only if they fulfill the minimum PQ eligibility criteria. **No processing fee or bid security (EMD) is required for submission of the bid.**

Project background & details

6. The river Ichamati, after entering from Bangladesh near Dattafulia in Ranaghat II block of Nadia, traverses a distance of 149 K.M before its confluence with river Kalindi in Hasnabad block of North 24 Parganas district. The stretch of the river from Dattafulia to Satbhaikalitala of length 50.00 K.M., passes through thickly populated areas of Ranaghat II Block in Nadia district, Bagda block, Bangaon block, Bangaon Municipality of North 24-Parganas. Accumulation of water hyacinth and other solid wastes in this 50.00 K.M stretch of river of average width of 60-70 M has been a major problem and it becomes alarming during monsoon season due to outbreak of vector borne diseases.

Efforts were taken up earlier on different occasions by Bidyadhari Drainage Division, Irrigation & Waterways Department, Government of West Bengal for water hyacinth removal by manual process at different stretches, particularly in densely populated municipal areas but could not be materialised due to continuous flow of water hyacinth from upstream side. It has been felt necessary to take up cleaning work for the whole 50.00 K.M under single work that too by mechanical means to obtain an effective output, without erecting any cross barrier across the river and its disposal adopting appropriate environment friendly bio-degradable method for a period of 03(three) years.

Since technical details of required machineries and suitable work methodology along with financial involvement could not be assessed it has been decided to obtain that information through inviting this EoI.

A layout map of the river stretch of 50.00 K.M in google platform showing adjacent blocks/municipalities, tributaries, bridges, jetties/ghats is enclosed as **Annexure-I** and other technical parameter in **Annexure II**.

7. Elements of Technical Proposal:

The technical proposal should contain the following.

- I. Latest Professional Tax Payment Certificate (PTPC) or, PT deposit challan for current financial year or Government Order for exemption in other States where ever applicable.

- II. Valid PAN Card in the name of Supplier/Contractor/Agency.
- III. Income Tax Return of current Assessment year or, IT Return of immediately preceding Assessment year whichever latest available.
- IV. Valid GST IN under GST Act & Rules.
- V. Company details.
- VI. Valid Trade License/ acknowledgement or Receipt of application for Trade License/ Revalidation.
- VII. A statement of turnover of last three financial years (2017-18, 2018-19 & 2019-20) duly authenticated by the Agency's authorized Signatory.
- VIII. Pre-Qualification (PQ) Work credential of one 100% completed work/supply of machine of similar nature, i.e. supply of weeds harvesting machine at site and removal of water hyacinth, weeds, floating debris from water bodies.
- IX. Construction methodology including specific details of the following:
- Specification of Water Hyacinth/weeds harvesting machine to be deployed at site with its delivery rate like dimensions of the machine, area of weeds that can be removed through the machine per day, working hour per day, water draft required for its effective functioning, mandatory maintenance period etc.
 - Mode of transport required to bring the machine at site. Minimum vertical clearance required for floating of the machine.
 - Proposed work methodology
 - No. of machines required to keep the 50 K.M stretch of river free from weeds round the year.
- X. Methodology to be adopted for simultaneous disposal of the harvested weeds/water hyacinth at the adjacent area and its bio degradation in contractor's own arrangement so as to avoid any environmental hazard.
- XI. Any other issues considered as relevant by the Bidder.

8. Elements of Financial Proposal

I. The financial proposal should contain the budgetary quotes against the expenditure involved for removal of water hyacinth, other weeds and floating debris for the 50 KM river stretch, its bio degradation to avoid environmental hazard and keeping it clean for a period of 03(three) continuous years with the break up as follows:

(a) Expenditure involved for hire or purchase of the machine(s), maintenance of machine(s) per month, monthly fuel charge, transport of machine at site including loading unloading etc.

(b) Monthly labour charges for machine operation and other related works.

(c) Expenditure towards bio degradation including all taxes & duties, i.e. GST at prevailing rate & Building & other Construction Workers Welfare Cess .

- Note:-**
- 1) A machine supplier may quote rate only on (a) above.
 - 2) An agency having experience of executing similar work may quote consolidated rate with break up on (a) , (b) and if possible on (c).

9. Pre-Qualification/Credential for submitting the EoI:

- I. The intending agencies/suppliers should possess the following for participating in the EoI.
 - i) Pre-Qualification (PQ) Work credential of one 100% completed work/supply of machine of similar nature, i.e. supply of weeds harvesting machine at site and removal of water hyacinth, weeds, floating debris from water bodies amounting to Rs.1.50 Crore.
 - ii) Average annual turnover of last 3 years not less than Rs1.50crore.

Pre Bid Meeting:

10. Pre-Bid meeting will be held in the office chamber of the EOI Inviting Authority as per Schedule below in order to acclimatize the prospective contractors/bidders through an interactive open session, replying to their queries, and clear doubts in connection with the work/s, if any.

Schedule of dates for EoI:

11. Following are the key dates:

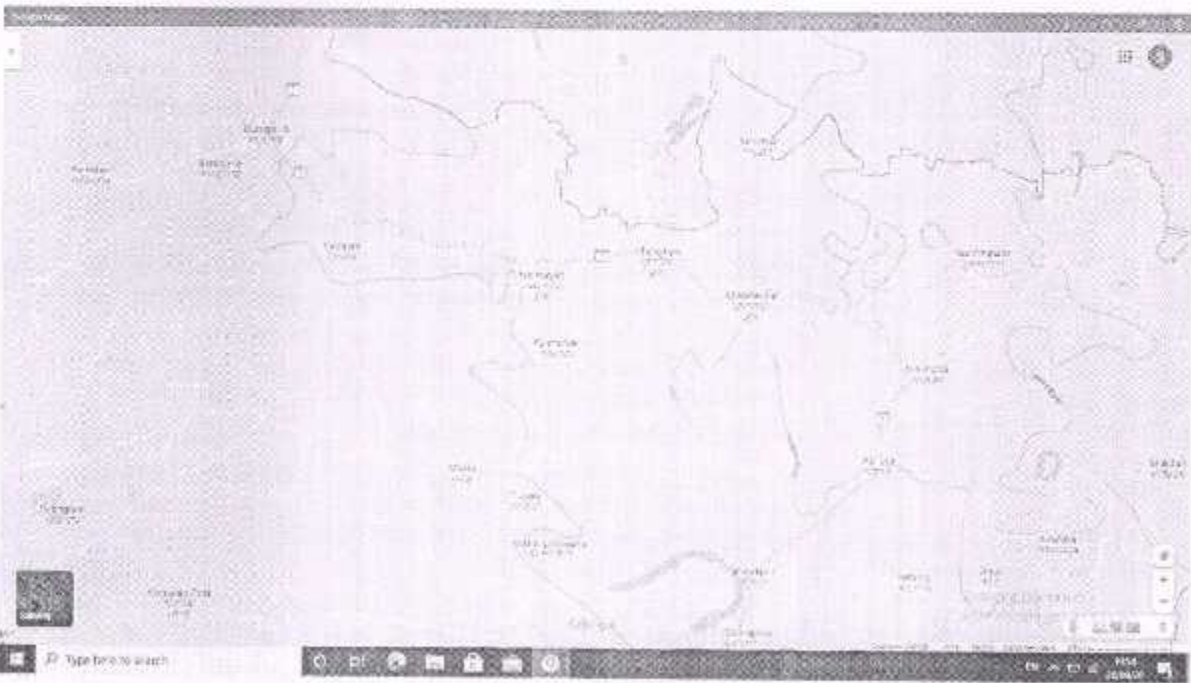
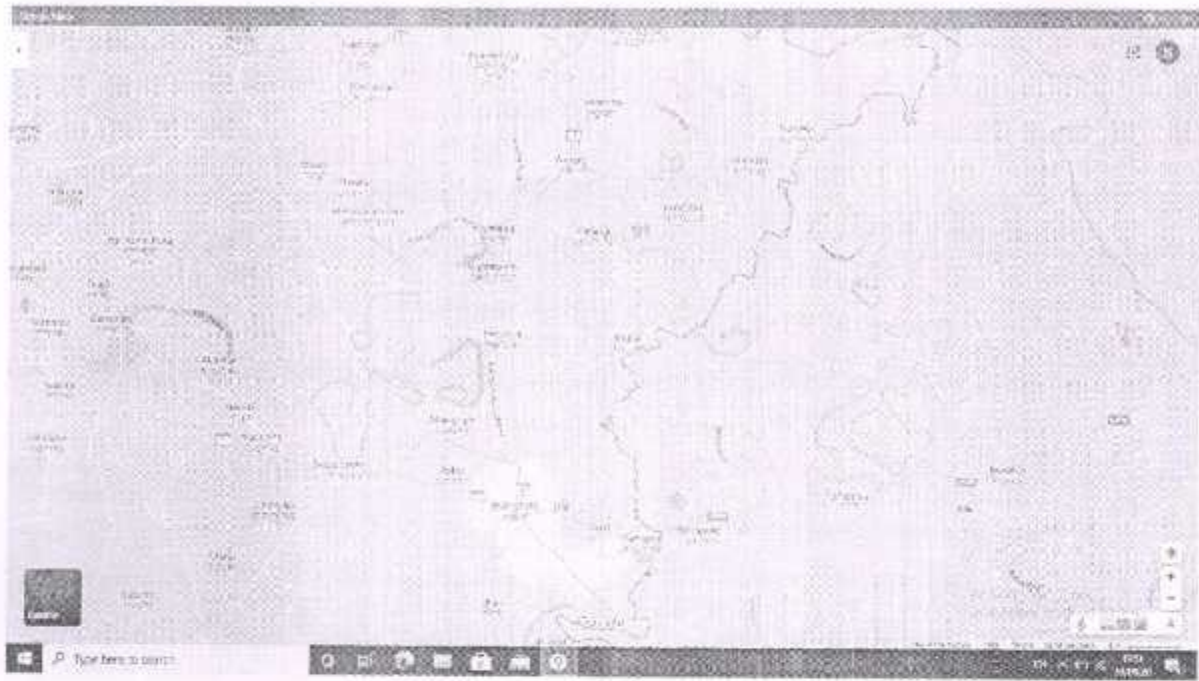
Sl No.	Activity	Date & Time	Remarks
1.	Publishing Date	07.10.2020at 11:00 hours	
2.	Pre- Bid Meeting	14.10.2020 at 14.00 hours	Pre-bid meeting, bid submission & opening would be held at the Ground Floor Conference Room of Jalasampad Bhavan, Salt Lake City, Kolkata-700091.
3.	EoI submission date	06.11.2020 upto 15.00 hours	
4.	EoI opening date	06.11.2020 at 16.00 hours.	

12. Evaluation of the EoI & subsequent stages:

The EoIs would be evaluated by the High value Bid/Tender Evaluation Committee (HTEC) comprising of i) Superintending Engineer Greater Calcutta Drainage Circle as Chairperson and Convener, ii) Another Superintending Engineer within the zone as per High Value Tender Evaluation Committee order as Member, iii) Concerned Executive Engineer as Member. The findings of the EoI would be used in finalization of estimates, based on which tender would be invited subsequently, by the last week of November 2020. The project is planned to be grounded by last week of December 2020.



Superintending Engineer
Greater Calcutta Drainage Circle
Irrigation & Waterways Directorate

ANNEXURE-I



ANNEXURE-II

1) length of river for water hyacinth River	Duttafulia (55 km), Block-Ranaghat-II, Nadia to Satbhaikalitala (105.0Km),Block-Bongaon, North 24 Pgs - 50 km
1) Minimum and maximum width	Minimum Width- 60.00 M Maximum width—70.00 M
2) Min and max water depth	Minimum water depth—2.50 M Maximum water depth—10.00 M
3) Approx percentage of surface area covered by aquatic weeds	Approx 90% area covered by aquatic weeds at present
4) Type of weeds - floating, emergent or submerged. How many feet under waterline if submerged	Floating weeds along with jungle at bank
5) Is land available on either bank for disposal throughout river stretch	Land is available for disposal on one side bank (Left or Right) throughout river stretch except approx 7 km within Bongaon Municipality area
6) Height of disposal area above waterline	Varies from 1.20 m to 5.00 m at varying place
7) Any culverts where it might be difficult for machine to pass. Min with required 5m and height above waterline 4m	No culvert within said reach.
8) schematic of river stretch	Attached



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Copy forwarded for information and wide circulation through the office Notice Board to:-

1. The Secretary, Irrigation & Waterways Department, Government of West Bengal. This has a reference to his memo no.- 150-IB, dated: 01.10.2020.
2. Chief Engineer (South), Irrigation & Waterways Directorate, Govt. of West Bengal, Jalasampad Bhawan, Salt Lake, Kolkata 700 091.
3. Superintending Engineer, Metropolitan Drainage Circle, I & W Directorate, Govt of W.B., Jalasampad Bhawan, Salt Lake, Kolkata 700 091.
4. Superintending Engineer, Eastern Circle, I & W Directorate, Govt of W.B., Jalasampad Bhawan, Salt Lake, Kolkata 700 091.
5. Superintending Engineer, Western Circle-I, I & W Directorate, Govt of W.B., Jalasampad Bhawan, Salt Lake, Kolkata 700 091.
6. Executive Engineer, Mograhat Drainage Division/ Bidyadhari Drainage Division/ Suburban Drainage Division.
7. Notice Board, Greater Calcutta Drainage Circle.


 06/10/20
 Superintending Engineer
 Greater Calcutta Drainage Circle