



**KOLKATA PORT TRUST
HALDIA DOCK COMPLEX**

Ph. No. 263389,
FAX: 03224-252110

Date- 09.01.2018

No.- SDM/RZ/17-18/EOI/01/658

"EXPRESSION OF INTEREST" (EOI) PERTAINING TO DISPOSAL OF DREDGED MATERIALS FROM SILT TRAP DREDGING AT HOOGLY RIVER NEAR HALDIA DOCK COMPLEX, KoPT, TOGETHER WITH IMPLIMENTATION PLAN OF IT'S REUSE BY WAY OF EXTRACTION OF SAND.

This notice is issued only to elicit an Expression of Interest (EOI) from Agencies interested in the project and does not constitute any binding commitment from Kolkata Port Trust (Haldia Dock Complex) to invite any or all the parties in the subsequent bidding process. KoPT (HDC) will not be responsible/ liable to any agency in any way for cost associated in preparation and submission of EOI.

I) Background :-

Kolkata Port Trust (KoPT) is a riverine port with two dock systems viz. Haldia Dock Complex (HDC) located at Haldia and Kolkata Dock System located at Kolkata. Haldia Dock Complex (HDC) is located on the western bank of river Hooghly at Latitude: 22°02' North and Longitude: 88°06' East. In particular Haldia Dock Complex has been facing siltation issues over past several years in the Jellingham shoal and continuously faces shallowing at few locations along the navigational channel, thus hampering smooth navigation of vessels. It has been observed that the confluence area of Haldi River shows a rapid encroachment from the west resulting decrease in maneuvering width near Haldia Anchorage. Hence in order to maintain safe and smooth navigation, maintenance dredging is highly essential. KoPT is planning to undertake a project of Silt Trap Dredging at Haldi river confluence near Haldia Dock Complex at Haldia. Dredged material arising out of such dredging activity may constitute mainly sand and few quantities of silt and clay, hence it can be suitable utilized by extracting sand from sand extraction plant using the dredged material as the raw material.

KoPT (HDC) invites Expression of Interest (EOI) from interested Agencies who intend to introduce these services for evacuation and suitable utilization of sand by extracting sand from shore disposed dredged material coming from proposed Silt Trap Dredging at Haldi River Confluence in order to optimize the resources and for reusing of dredged material.

II) Scope of Work :-

(A) OPTION-1 : In case of containment dyke near Jawahar Tower at Haldia side

1. Evacuation of shore disposed dredged material settled at the containment dyke near Jawahar Tower through extracting sand from the dredged material coming from the proposed Silt Trap Dredging at Haldi River Confluence.
2. Installation of Sand extraction plant at his own cost near containment dyke, where KoPT may provide the land for such installation on rental basis.
3. Extraction of sand from the settled dredged material, which may be processed through washing plant to obtain sand which can be utilized in construction and other industrial purpose.
4. Evacuation of the processed sand from the sand extraction plant through roads and utilization in various construction and industrial purpose.
5. Approx. quantity of dredged material stored at containment dyke is about 0.24 MCu.M. incase of containment dyke near Jawahar Tower at Haldia side.
6. Arrangement of suitable machinery and manpower for carrying out all the above activities.
7. Statutory Govt. rules in this regard have to be followed and clearance/ no objection have to be obtained from Govt. of W.B. by the agency carrying out sand extraction.
8. Location plan showing the area as well as road in Haldia side is attached as **Annexure-I** for ready reference.

(B) OPTION-2 : In case of containment dyke at Nayachara

1. Evacuation of shore disposed dredged material settled at the containment dyke at Nayachara through extracting sand from the dredged material coming from the proposed Silt Trap Dredging at Haldi River Confluence.
2. Installation of Sand extraction plant at his own cost near containment dyke, where KoPT may provide the land for such installation on rental basis.
3. Approx. quantity of dredged material stored at containment dyke is about 3.0 MCu.M.
4. Extraction of sand from the settled dredged material, which may be processed through washing plant to obtain sand which can be utilized in construction and other industrial purpose.
5. Evacuation of the processed sand from the sand extraction plant at Nayachara to Haldia side through boats or any means of water transport then followed by road transport.
6. For loading, unloading and transportation of the extracted sand, the concerned agency is responsible to make their own arrangement like construction of jetty, hire of boats etc.
7. Arrangement of suitable machinery and manpower for carrying out all the above activities.
8. Statutory Govt. rules in this regard have to be followed and clearance/ no objection have to be obtained from Govt. of W.B. by the agency carrying out sand extraction.
9. Location plan showing the area as well as road in Nayachara side is attached as **Annexure-II** for ready reference.

III) Technical Aspects :-

- a) The range of annual dredging in the silt trap could be a minimum of 2 MCu.M to 4 MCuM and the dredging activity will continue for 10 years.
- b) Approx. quantity of dredged material stored at containment dyke is about 0.24 MCu.M. (incase of containment dyke near Jawahar Tower)/ 3 MCu.M. (incase of containment dyke at Nayachara). The containment dyke, which may be a constructed of Geotube and rock filled Gabion and is further compartmentalized by cross dykes to hold the slurry.
- c) Earlier study shows that the dredge area is predominantly sandy in nature with an average D50 size of 80 μ m to 100 μ m.
- d) Time needed for proper settlement and drying of dredged material is approx. 1 (one) month and each compartment can be used in alternate months in rotation.
- e) Then the dried dredged material will have to be made available to the sand extraction plant at the cost and arrangement of the interested party who will be installing the sand extraction plant.
- f) The party is responsible for creating a suitable arrangement for stacking the sand so extracted from the sand extraction plant.
- g) The party is also responsible for construction of road from the main road to the plant area through a corridor with joint inspection with the Port authority.
- h) The party is also responsible to make their own arrangement like construction of jetty, hire of boats etc. for loading, unloading and transportation of the extracted sand.
- i) The party is responsible for arrangement of water and electricity connection for sand extraction plant.
- j) In the eventuality of sand extraction process, the waste water coming out from the sand extraction plant will be disposed with his own cost either by constructing a pond or any other mode of disposal.
- k) For material from the site can be evacuated through roads as the area is well connected to NH-41 through local trunk roads of approx 5.5km.

IV) Eligible Applicants :-

The applicant may be a single entity or a group of entities (consortium) coming together to implement the project. The applicant may be of a neutral person, private entity, Government owned entity or any combination of them with a formal intent to enter into an agreement or under an existing agreement to form a Consortium.

V) Pre Application Meeting and Site Inspection :-

The pre application meeting will be held at 11.00 hrs on 20.01.2018 at Office of Sr. Dy. Manager (RZ & Spl. RT) I&CF Division, Haldia Dock Complex where HDC will provide clarifications to be queries of intending applicants on this call for EOI. The intending applicants

are requested to send their queries in writing in advance to Sr. Dy. Manager, RZ & Spl. RT, I & CF Division, Haldia Dock Complex, Cluster-5, P.O.- Haldia Township, Pin.-721607 [Email: pdasgupta@kopt.in] in advance so that HDC may prepare its clarifications prior to the meeting to the extent possible. This apart, HDC will also address the queries raised during the Pre-application meeting. The pre-application meeting will be followed by inspection of all the sites.

VI) Submission of Expression of Interest :-

Interested parties may submit their "EOI" (one original and one copy) in writing by 1500 hrs of 31st Jan 2018, by super scribing on the cover with EXPRESSION OF INTEREST" (EOI) PERTAINING TO DISPOSAL OF DREDGED MATERIALS FROM SILT TRAP DREDGING AT HOOGLY RIVER NEAR HALDIA DOCK COMPLEX, KOPT, TOGETHER WITH IMPLIMENTATION PLAN OF IT'S REUSE BY WAY OF EXTRACTION OF SAND" by indicating the following:

1) Their assessment of the project detailing:

- a) Preferred arrangement for operating the evacuation process.
- b) Installation of Sand extraction plant at own cost near containment dyke.
- c) Brief description of the project facilities proposed to be set up.
- d) Nature of the proposed operation of evacuation.
- e) Estimated capital cost and regular maintenance cost.
- f) Estimated implementation period and phasing, if any.
- g) How the proposed facilities will be dependent upon Port facilities.
- h) Requirement of enabling infrastructure.
- i) Any other detail / document which the applicant feels relevant in the matter.
- j) Proposed mode of project financing.

2) Details of the Parties including:

- a) Back ground details of the Party including the annual turnover, activities, field of similar type of experience.
- b) Name and address of firm along with contact persons (s) and contact details.
- c) Copies of last 3 annual reports of party/ parties in case of a joint venture.
- d) Proposed role of each party in the joint venture.


VII) All costs and expenses involved in the preparation and submission of the EOI in response to this invitation shall be borne by the party.

VIII) After assessing the response from the parties, a detailed tender (invitation process) will be formulated and either issued to short listed parties responding to this Expression of Interest or by open bidding through Advertisement in the leading news papers & www.mstcecommerce.com web site.

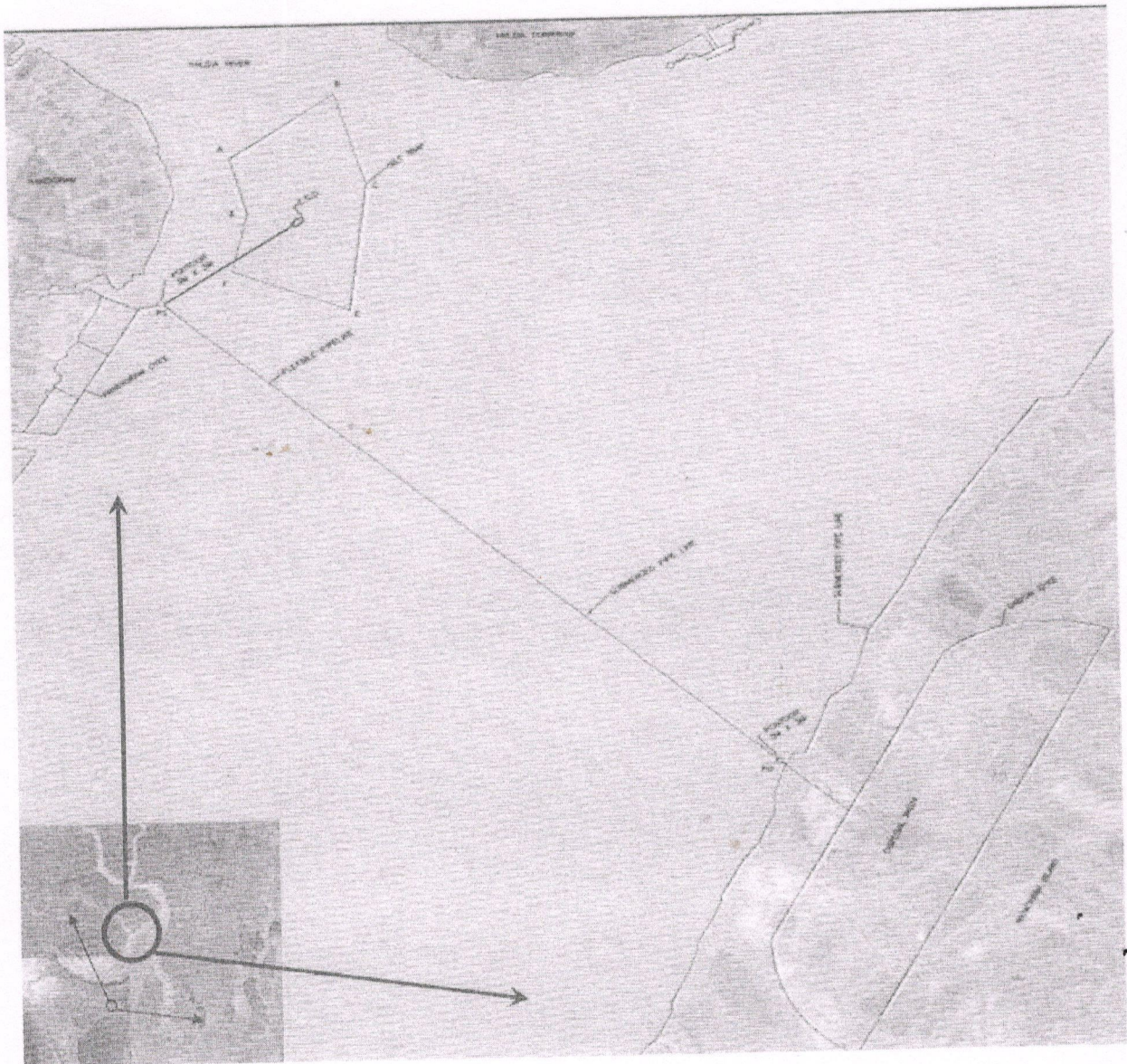
IX) Address for submission of EOI :-

The proposal may be sent along with to –

Office of the Sr. Dy. Manager (RZ&SPL. RT)
Cluster –V, P.O.: - Haldia Township,
Dist.: Purba Medinipur,
Pin : 721607, West Bengal.
Ph. No. 263389, FAX: 03224-252110
E-mail id: pdasgupta@kopt.in


(P. Dasgupta)
Sr. Dy. Manager (R.Z & Spl. RT)
I&CF Division
H.D.C

Location plan showing the area of containment dyke near Jawahar Tower at Haldia side



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