



श्यामा प्रसाद मुखर्जी पोर्ट, कोलकाता  
Syama Prasad Mookerjee Port, Kolkata  
हल्दिया गोदी परिसर  
HALDIA DOCK COMPLEX



No. GM(Engg.)/1096/793

Date: 06.02.2023

**“EXPRESSION OF INTEREST (EOI) PERTAINING TO UPGRADATION OF 33KV-INTAKE SUB-STATION & SWITCH YARD, MASTER CONTROL SUB-STATION AND PHOSPHATE BERTH SUB-STATION OF HALDIA DOCK COMPLEX, SYAMA PRASAD MOOKERJEE PORT, KOLKATA”**

**1. Preamble :**

Haldia Dock Complex receives electrical power supply from WBSEDCL at Intake Substation at 33 kV level. Total contract demand is 7.8 MVA. For Dock area demand is 6 MVA, which is distributed to entire port for port operation. For Residential area demand is 1.8 MVA. In dock area major electrical substations are Intake Substation & switchyard, Master Control Substation and Phosphate Berth (Berth-6) Substation. All these substations are more than 40 years old and has completed their economic life. Copy of the single line diagram (SLD) of the power distribution system is enclosed.

In view of upcoming mechanization projects through public-private partnership (PPP) mode, Intake Substation & switchyard, Master Control Substation and Phosphate Berth (Berth-6) Substation to be upgraded on immediate basis to maintain uninterrupted power supply to dock area and PPP operators. Mechanization of Berth no.2 has been awarded to Adani group and their construction power demand is 1000 kVA and Operational demand may increase to 3 to 4 MVA which will be provided through Master Control Substation. Similarly, for Mechanization of Berth no.5, power would be provided from Phosphate Berth (Berth-6) Substation which needs to be upgraded on immediate basis. Further, power would be provided from G.C. Berth Substation for Mechanization of Berth nos.9 & 10, which is under implementation.

Therefore, all three substations viz. Intake Substation & Switchyard, Master Control Substation and Phosphate Berth (Berth-6) Substation excluding G. C. Berth Substation (upgradation is in progress) need to be upgraded with new technology including SCADA, on immediate basis since the substations are more than 40 years old.

It is expected that mechanization of Berth no.2, Berth no-5 and Berth no-9&10 would be completed in the year 2024-25, 2025-26 and 2027-28 respectively. Average demand of each mechanized cargo handling system would be about 3 - 4 MVA.

**2. Pre-qualification Criteria of intending bidders :**

The intending Consultant should have work experience of providing consultancy service for construction of electrical sub-station of 33 kV and above level with minimum 10 MVA capacity. They should have work experience of providing consultancy services for at least 3 (three) such sub-stations during last 7 (seven) years. All such sub-stations should be completed and should remain functional, at least for

last six months. Also, one work should remain in progress. Work experience for providing consultancy services for similar work should be done in Government Sector / PSU / State or Central Electricity Board.

**3. Pre Application Meeting and Site Inspection :**

Pre-application meeting will be held at 11.00 hrs. on **14.02.2023** at the Office of General Manager (Engg.), Haldia Dock Complex, where HDC will provide clarifications to the queries of intending applicants on this call for EOI. The intending applicants are requested to send their queries in writing in advance to General manager (Engg.), Haldia Dock Complex, Jawahar Tower P.O. – Haldia Township, Pin-721607 [Email : [aganesan.hdc@kolkataporttrust.gov.in](mailto:aganesan.hdc@kolkataporttrust.gov.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.

**4. Broad Scope of Work for the consultant would be as follows :**

**i) Site Visit :**

The consultant should thoroughly inspect the existing sub-stations and power distribution system of the dock area of HDC.

**ii) Design :**

Design of the referred sub-stations and interconnecting transmission system to be carried out by the Consultant considering both electrical and civil aspect of the project. During equipment and system design, latest technology in electric power distribution system and future power demand projection to be considered.

**iii) Detail Project Report (DPR) :**

DPR of the project to be submitted by the consultant. DPR should include block cost estimate and detail estimate, detail technical specification, future power demand projection. Single line diagram of power distribution system etc. In this regard, power point presentation to be made and explained by the consultant at different level, during approval of the project. Final DPR to be submitted within 03 (three) months from the date of placement of Order.

**iv) Tender Document :**

The Consultant should assist HDC during preparation of the Tender Document for the subject project. Scope of work, technical specification, bill of quantities, special conditions of the contract etc. to be prepared by the consultant. The Consultant should also assist HDC for preparation of the tender for Operation and Maintenance of the newly constructed sub-stations for next 10 years.

**v) Co-ordination :**

Consultant should coordinate with the PMC, TPI and the successful Contractor during physical execution of the project.

vi) **Pre-bid meeting & Evaluation of Bids :**

The consultant should assist HDC during pre-bid meeting and to prepare reply to pre-bid queries. After submission of bids by the bidders, the techno-commercial part of the bids to be evaluated by the consultant.

5. **Submission of Expression of Interest :**

Interest parties may submit their "EOI" (one original and one copy) in writing by 15:00 hrs. of **28.02.2023**, by super scribing on the cover with **"EXPRESSION OF INTEREST (EOI) PERTAINING TO UPGRADATION OF 33KV-INTAKE SUB-STATION & SWITCH YARD, MASTER CONTROL SUB-STATION AND PHOSPHATE BERTH SUB-STATION OF HALDIA DOCK COMPLEX, SYAMA PRASAD MOOKERJEE PORT, KOLKATA"**

6. **Documents to be submitted :**

- a) Order letter and completion certificate in support of the pre-qualification criteria.
- b) Name and full address of the intended firm along with name of phone no. of contact person
- c) Copy of last Annual Financial Report

**Note:**

- 1) All costs and expenses involved in the preparation and submission of the EOI in response to this invitation shall be borne by the intending consultant.
- 2) **Address for submission of EOI :-**  
The proposal may be sent to –

**Office of the General Manager (Engg.)**

Haldia Dock Complex,

Jawahar Tower P.O. : Haldia Township,

Dist. : Purba Medinipur,

Pin : 721607, West Bengal.

E-mail ID : [aganesan.hdc@kolkataporttrust.gov.in](mailto:aganesan.hdc@kolkataporttrust.gov.in)

3) **Contact Persons :-**

- i) S. Chakraborty, Sr. Dy. Manager (P&E)  
Mobile No.: 94347 35407  
E-mail ID : [schakraborty.hdc@kolkataporttrust.gov.in](mailto:schakraborty.hdc@kolkataporttrust.gov.in)
- ii) D. Mallik, Dy. Manager (P&E)  
Mobile No.: 94340 31335  
E-mail ID : [dmullick.hdc@kolkataporttrust.gov.in](mailto:dmullick.hdc@kolkataporttrust.gov.in)

iii) M. Rahaman, Dy. Manager (P&E)  
Mobile No.: 94340 31203  
E-mail ID : [mrahaman.hdc@kolkataporttrust.gov.in](mailto:mrahaman.hdc@kolkataporttrust.gov.in)

A handwritten signature in blue ink, appearing to read 'A. Ganesan', with the date '6/2/23' written below it.

**(A. Ganesan)**  
General Manager (Engg.)  
Haldia Dock Complex  
SMP, Kolkata.