



KOLKATA PORT TRUST
HALDIA DOCK COMPLEX
 Plant & Equipment Division

Details of contracts awarded through nomination during the period from 2015 to 2017

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Tender No.	Item/ Nature of Work	Mode of Tender Enquiry	Date of Publication of NIT	Type of Bidding (Single/ Two Bid System)	Last Date of Receipt of tender	Nos. of tender recd.	Nos. and names of parties qualified after technical evaluation	Nos. and names of parties not qualified after technical evaluation	Whether contract awarded to lowest tendered/ evaluated L1	Contract No. & Date	Name of Contractor	Value of Contract (Rs.)	Scheduled date of completion of supplies	Remarks
	Various underwater job and associated services rendered at Lock Entrance of Haldia dock Complex, Kolkata Port Trust.	Nomination Basis	N/A	N/A	N/A	N/A	N/A	N/A	Nomination Basis	1. SDM(P&E)/100 - Lock/O-75 dated 29.01.2015 2. SDM(P&E)/100 Lock/O-59 dated 29.12.2015 3. SDM(P&E)/100 Lock/O-67 dated 28.01.2016 4. GM(Enrgg.)/100 Lock/Consultancy Service/O-54 dated 07.12.2015 5. SDM(P&E)/100 Lock/O-27.01.2016 6. SDM(P&E)/100 Lock/O-34 dated 19.08.2015 7. SDM(P&E)/100 Lock/Consultancy Service/O-43 dated 11.01.2017	1. Indian Register of Shipping 2. Ocean Star Driving Services 3. Ocean Star Diving Services 4. Sea Syst Engineering (India) Pvt. Ltd. 5. Sea Syst Engineering (India) Pvt. Ltd. 6. J. Enterprises & Dives 7. IIT Madras	1. Rs. 2,50,000.00 2. Rs. 3,32,500.00 3. Rs. 4,275.00 per day for hiring of each Diving Supervisor, Rs. 3,800.00 per day for hiring of each Diver and Rs. 4,500.00 per day for hiring of Diving Equipment/Gear w.e.f. 13.11.2015 and Rs. 1000.00 per day extra for hiring of another KMB set w.e.f. 18.12.2015. Service Tax extra 4. Rs. 5,00,000.00 5. Rs. 20,50,000.00 6. Rs. 3,65,000.00 7. Rs. 2,50,000.00	1. 7 days 2. NA 3. one year 4. 30 days 5. 30 days 6. 7 days 7. 6 weeks	Detailed justification for awarding all the 07 (seven) contracts awarded on nomination basis had been intimated to the Board of Trustees, Kolkata Port Trust vide Resolution No. RZ94/HDC/Enrgg./31/05/2017 dated 31.05.2017. Detailed justification had been recorded under Item no. A04/HDC/Enrgg./30 5/2017 of the above Resolution, enclosed as Annexure - A.

ए. के. कर
A. K. KAR
 वरिष्ठ उप. प्रबंधक (सं. एवं उ.)
 Sr. Dy. Manager (P & E)
 कलकत्ता पोर्ट ट्रस्ट
 Haldia Dock Complex

मद सं० ए/०४/एचडीसी/इंजी/३/०५/२०१७

(भाग-II)

हल्दिया गोदी परिसर, कोलकाता पत्तन न्यास
के लॉक प्रवेश पर विभिन्न अंतर्जलीय कार्य
और दी जाने वाली सेवाएं ।

Item No. A/04/HDC/Engg./3/05/2017

(Part-II)

Various underwater jobs and
associated services rendered at Lock
Entrance of Haldia Dock Complex,
Kolkata Port Trust.

1.0 BACKGROUND :

- 1.1 In the nightshift on 27.08.2014 during opening of outer Caisson Gate a sudden rise of pressure was noticed and movement of outer Caisson gate appeared to have met with some underwater obstruction. Movement of outer Caisson Gate was stopped to prevent any resultant structural damage. After underwater inspection, it was found that a 4.6 m long sole plate of outer Caisson Gate and its associated three Base Plates got dislodged. Subsequently, in terms of approval of Dy. Chairman, HDC dated 27.01.2014 on NSP-9 of note no. GM (Engg)/100 lock/ 1257 dated 01.09.2014 (Copy printed at Appendix-I, Pages No. **796-800**). Ocean Star Diving Services (OSDS) was engaged through open tendering process and the firm had successfully completed underwater repairing of the above damaged portion of outer Caisson Gate along with other underwater jobs in February 2015.

In terms of approval of Chairman, KoPT dated 27.01.2015 on NSP-15 of note no. GM (Engg)/100 lock/ 1257 dated 01.09.2014 (Appendix-I) Indian Register of Shipping (IRS) was engaged on nomination basis for carrying out underwater survey at Lock Entrance in respect of above underwater jobs at a total cost of Rs. 2,50,000.00. Thereafter, in terms of sanction of Dy. Chairman HDC accorded on 18.08.2015 on NSP-20 of note no. GM (Engg)/100 lock/ 1257 dated 01.09.2014 (Appendix-I), as per recommendation of IRS, one IRS approved

driving agency viz. J. Enterprises & Dives was engaged through limited tender among the IRS approved driving agencies for underwater inspection under survey of IRS at a total cost of Rs. 1,62,000.00 plus Service Tax. IRS and J. Enterprises & Dives had successfully executed said underwater survey on 14.10.2015.

- 1.2 Thereafter on 21.10.2015 profuse leakage of water was noticed from Inner Caisson Gate during low water in the lock barrel with respect to the dock Basin, despite all radial gate of Inner Caisson keeping closed condition. After inspection of Port Diving (PD) Unit it was found that three vertical quoin plates of Inner Caisson got dislodged.

Considering gravity of the situation, underwater repairing of said damaged portion of Inner Caisson Gate was an inescapable necessity. After consultation with all concerned, OSDS was requested for sending their diving team along with all required diving equipment / gear for underwater inspection and underwater repairing of Inner Caisson Gate. The firm had successfully completed the above underwater repairing work on 05.11.2015 at a total cost of Rs. 3,32,500.00. The above issue had been dealt with as per administrative approval of Dy. Chairman, HDC dated 23.12.2015 on NSP-23 of note no. GM (Engg)/100 lock/ 1257 dated 01.09.2014 (Appendix-I).

- 1.3 The incidence of dislodgment of 7 nos. sliding plates at outer sliding way of Caisson Gate at Lock Barrel position occurred in the morning on 09.11.2015. The said dislodged sliding plates were put in position by PD Unit on loose condition, on the day itself.

Considering gravity of the situation, OSDS, having experience of successful execution of underwater jobs at HDC, was asked to deploy

their team of divers and diving equipment urgently. The firm had deployed their team of divers & equipment from 13.11.2015 for underwater inspection and other underwater jobs (i.e. tightening of loosened base plates, re-fixing of dislodged base plates etc.).

The incidence of dislodgement of sliding plates of outer sliding way of Caisson Gate further occurred on 16.11.2015 and 01.12.2015.

During underwater inspection it has been noticed that at many places, fixing bolts of seating plates with the concrete structure of outer sliding ways got damaged. The seating plates are meant for holding the sliding plates.

As per approval of Chairman, KoPT dated 11.12.2015 on NSP-4 of note no. GM (Engg.)/100 Lock/1789 dated 03.12.2015 (Copy printed at Appendix-II, Pages No. **801-804**), OSDS was continuing the execution of aforesaid underwater jobs under guidance of Port Divers. The firm has further supplied another KMB set at site on 18.12.2015.

In line with the said approval of Chairman, KoPT (Appendix-II), Sea Syst Engineering (India) Pvt. Ltd. [SSEIPL] was engaged, on nomination basis, as consultant for detailed report in respect methodology for the cost effective process for the rectification of the entire lot of worn out sliding ways for outer and inner gates with a consultancy fee of Rs. 5 lakhs plus service tax @ 14.5%.

In the aforesaid note, in principle approval of Chairman, KoPT was also accorded (Appendix-II) to engage J. Enterprises & Dives as a third party inspection agency, the enlisted diving firm of IRS, for inspection of the underwater jobs executed as a short term measure.

1.4 Thereafter, in terms of administrative approval of Dy Chairman, HDC dated 26.01.2016 on NSP-12 of proposal no. SDM(P&E)/100 lock / P - 64 dated 15.01.2016 (Copy printed at Appendix-III, Pages No. **805-806**) following three orders were placed :

A) Ocean Star Diving Services for hiring of divers, diving supervisor and diving equipment @ Rs. 4,275.00 per day for hiring of each Diving Supervisor, @ Rs. 3,800.00 per day for hiring of each Diver and @ Rs. 4,500.00 per day for hiring of diving equipment w.e.f. 13.11.2015 and @ Rs. 1000.00 per day for hiring of another KMB set w.e.f. 18.12.2015. Service Tax would be paid extra as applicable.

and

B) Sea Syst Engineering (India) Pvt. Ltd. for underwater re-fixing of 7 nos. sliding way plate and underwater re-fitting of 10 nos. seating plate bolt at a total cost of Rs. 20,50,000.00 plus Service Tax extra as applicable.

and

C) J. Enterprises & Dives for carrying out underwater inspection at a total cost of Rs. 3,65,000.00.

1.5 Following jobs had been completed:

i) Underwater re-fixing of 7 nos. sliding way plate and underwater re-fitting of 10 nos. seating plate bolt on 14.03.2016 by SSEIPL.

- ii) The underwater inspection work as 3rd party Inspection Agency on 14.03.2016 by J. Enterprises & Dives.
 - iii) Hiring of divers, diving supervisor from 13.11.2015 to 21.02.2016 from OSDS. However, for carrying out underwater inspection and other underwater jobs, hiring of diving equipment from OSDS had been continued till 24.10.2016, which had been approved by Chairman, KoPT on 01.02.2017 on NSP-12 of proposal no. SDM(P&E)/100 lock / P - 64 dated 15.01.2016 (Appendix-III).
 - iv) In respect of consultancy services, SSEIPL had submitted their final report in August 2016 after interaction with the members of constituted committee, comprising of two officers from P&E Division and one officer from I&CF Division, HDC. In the said report, SSEIPL had given several recommendations (Copy printed at Appendix-IV, Pages No. **807-819**). The firm had also submitted cost estimation with respect to permanent measure to ensure trouble free Lock Gate Operation by replacing of old sliding plates of Inner & Outer Sliding Ways, which shows the total estimated cost would be around Rs. 29 crore and a cost estimation of Rs. 13.6 crore, for optional 5 years Annual Maintenance Contract.
- 1.6 Meanwhile, IPA was communicated vide letter no. GM (Engg.)/100 Lock/ Consultancy Services/359 dated 29.04.2016 to act as a facilitator with Antwerp Port, Belgium for providing Consultancy Services having their expertise on reverine Lock Gate system. The issue could not be materialized, due to non response of Antwerp Port, Belgium, despite persuasion with them. Details are given in the copy of proposal no. SDM (P&E)/100 Lock / Consultancy Services/P-66

dated 22.11.2016 (Copy printed at Appendix-V,
Pages No. 820 - 822).

- 1.7 Considering huge cost involvement, criticality of the work and requirement of expertise in highly specialized fields of engineering, the aforesaid committee recommended that an independent Institution / Organization of National repute like IIT having expertise in Ocean Engineering as well as involvement of multi-disciplinary Engineering activities (Mechanical, Civil, Metallurgy etc.) may be engaged for obtaining their technical support before taking any further action in this regard.
- 1.8 As per approval of Dy. Chairman, HDC on 29.12.2016 on NSP-3 of proposal no. SDM(P&E)/100 Lock / Consultancy Services/P-66 dated 22.11.2016 (Appendix-V), IIT Madras, who were engaged earlier in KoPT for providing their consultancy services for various other areas, including Fendering System and Outer Terminal – II at HDC, has been engaged for carrying out initial study for providing their technical services at a total cost of Rs. 2,50,000/- plus Service Tax, as applicable. Based on the preliminary report of IIT Madras, further necessary action would be taken. The preliminary report of IIT Madras is yet to be received.

2.0 PROPOSAL :

- 2.1 In view of the above, it is hereby proposed that the matter may be placed before BOT for information in respect of following contracts awarded on nomination basis on different occasions to address underwater problems of HDC Lock for keeping Lock operational.

- (a) Indian Register of Shipping (IRS) for carrying out underwater survey at lock entrance.
- (b) Ocean Star Driving Services (OSDS) for underwater fixing of quoin plates at Inner Caisson Gate.
- (c) Ocean Star Diving Services for hiring of divers, diving supervisor and diving equipment.
- (d) Sea Syst Engineering (India) Pvt. Ltd. for providing consultancy services in respect of methodology for the cost effective process for the rectification of the entire lot of worn out sliding ways for outer and inner gates.
- (e) Sea Syst Engineering (India) Pvt. Ltd. for underwater re-fixing of 7 nos. sliding way plate and underwater re-fitting of 10 nos. seating plate bolt.
- (f) J. Enterprises & Dives for carrying out underwater inspection at Lock.
- (g) IIT Madras for providing preliminary report, containing their detailed scope of work and consultancy charges for providing their technical support for framing up a long term cost effective methodology for rectification of entire underwater Outer and Inner Sliding Ways including its seating plates etc. at Lock Entrance, HDC, KoPT.

3.0 JUSTIFICATION :

3.1 Caisson Gates play a vital role to maintain water level inside the impounded Dock system. Caisson Gate at Lock Entrance is a Single

Point of Failure (SPOF) with respect to all operational activities within the impounded Dock system.

- 3.2 Any major breakdown at Lock, may be resulted to disruption of entire vessel movement at HDC.
- 3.3 Considering gravity of the situation, the above jobs were executed on urgent basis to keep HDC Lock operational and for long term cost effective methodology for rectification of entire underwater Outer and Inner Sliding Ways including its seating plates etc. at Lock Entrance, HDC, KoPT.

4.0 DECISION REQUIRED / INFORMATION GIVEN :

- 4.1 The entire matter is placed before the Trustees for their information in respect of following contracts awarded on nomination basis.
- (a) Indian Register of Shipping (IRS) for carrying out underwater survey at lock entrance.
- (b) Ocean Star Driving Services (OSDS) for underwater fixing of quoin plates at Inner Caisson Gate.
- (c) Ocean Star Diving Services for hiring of divers, diving supervisor and diving equipment.
- (d) Sea Syst Engineering (India) Pvt. Ltd. for providing consultancy services in respect of methodology for the cost effective process for the rectification of the entire lot of worn out sliding ways for outer and inner gates.

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- (e) Sea Syst Engineering (India) Pvt. Ltd. for underwater re-fixing of 7 nos. sliding way plate and underwater re-fitting of 10 nos. seating plate bolt
- (f) J. Enterprises & Dives for carrying out underwater inspection at Lock.
- (g) IIT Madras for providing preliminary report, containing their detailed scope of work and consultancy charges for providing their technical support for framing up a long term cost effective methodology for rectification of entire underwater Outer and Inner Sliding Ways including its seating plates etc. at Lock Entrance, HDC, KoPT.

The Trustees noted the position as detailed in the agenda.

संकल्प सं० आर / 294 / एचडीसी / इंजी / 3
/ 05 / 2017 : विचार-विमर्श के पश्चात
कागजातों को रिकार्ड हेतु संकल्प पारित
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**Resolution No.R / 294 / HDC / Engg.
/ 3 / 05 / 2017 : Resolved, after
discussion, to record the papers.**