

R2

REVISED PRICE BID

SYAMA PRASAD MOOKERJEE PORT, KOLKATA (Erstwhile Kolkata Port Trust) KOLKATA DOCK SYSTEM MECHANICAL & ELECTRICAL ENGINEERING DEPARTMENT 8, Garden Reach Road, Kolkata – 700 043						
<u>NIT No. SMP/KDS/Mech/SP-II/ADV/571 dated 03.02.2021</u>						
Name Work: Automation of operating system of existing NSD Lock Gate of SMP, Kolkata including one year's operation on commissioning and thereafter comprehensive annual maintenance contract for further 5 (five) years						
Note: Whenever there is any conflict between Scope of Work and the Bill of Quantity as per revised format for Schedule of Price, the latter shall prevail.						
Name of the Bidder:						
Sl. No	Item	Quantity	Unit	Unit rate in Rs. (GST extra)	GST	Total in Rs. (Excluding GST)
1	Supply & Delivery of Control Instruments & Panels: PLC Hardware with wireless communication feature for caisson & Penstock operation, control & monitoring	4	sets	To be filled in only in the Revised Price Bid R2 in Excel Format	To be filled in only in the Revised Price Bid R2 in Excel Format	To be filled in only in the Revised Price Bid R2 in Excel Format
2	Supply & Delivery of Control Instruments & Panels: HMI Hardware for each PLC	2	sets	-do-	-do-	-do-
3	Supply & Delivery of Control Instruments & Panels: PC based monitoring & controlling system comprising necessary hardware & software at central control station	2	sets	-do-	-do-	-do-
4	Installation & Testing, commissioning, Logic programming & monitoring for the supplied items as mentioned from Sl. No. 1 to 3 above	1	set	-do-	-do-	-do-
5	Supply & Delivery of Field Instruments: Open channel Level Transmitter	11	Nos.	-do-	-do-	-do-
6	Supply & Delivery of Field Instruments: Insertion Type Level Transmitter	10	Nos.	-do-	-do-	-do-
7	Supply & Delivery of Field Instruments: Float switches	2	Nos.	-do-	-do-	-do-
8	Supply & Delivery of Field Instruments: Pressure transmitter	26	Nos.	-do-	-do-	-do-
9	Supply & Delivery of Field Instruments: Motorized control valve assembly for Trimming tank fill in system	52	Nos.	-do-	-do-	-do-
10	Supply & Delivery of all cables (Ethernet cables, communication cable) required for above job	600	Mtr.	-do-	-do-	-do-
11	Supply & Delivery of CCTV Camera	8	Nos.	-do-	-do-	-do-
12	Supply & Delivery of Limit Switches	14	Nos.	-do-	-do-	-do-

13	Supply & Delivery of Impulse pipe with fittings for integration of all Hydraulic systems (Lot)	1	Lot	-do-	-do-	-do-
14	Supply & Delivery of Medium grade GI Pipe of 100 mm Nominal Bore, conforming to IS:1239	100	Mtr	-do-	-do-	-do-
15	Supply & Delivery of HDPE pipe (1.5" diameter)	1200	mtr	-do-	-do-	-do-
16	Supply & Delivery of Junction Box at various location for signal distribution	6	Nos.	-do-	-do-	-do-
17.1	Supply & Delivery of Power DB with Trafo	4	Nos.	-do-	-do-	-do-
17.2	Supply and Delivery of Motor Starter	4	Nos.	-do-	-do-	-do-
18.1	Supply & Delivery of Cable Reeling Drums	2	Nos.	-do-	-do-	-do-
18.2	Providing necessary support structure on the shore at the working side	2	Nos.	-do-	-do-	-do-
19	Supply & Delivery of 3.5 C X 150 Sq mm. LT X LPE Power Cable as per IS:7098 Part II	250	mtr	-do-	-do-	-do-
20	Supply & Delivery of 1.5 sqmm X10C Cu EC Grade Overall Screen Multistrand unarmoured Cable	600	mtr	-do-	-do-	-do-
21	Supply & Delivery of 1 sqmmX 3C, Cu EC Grade Overall Screen Multistrand armoured Cable	3200	mtr	-do-	-do-	-do-
22	Supply & Delivery of 1 sqmm X2 core Cu EC Grade Overall Screen Multistrand armoured Cable	750	mtr	-do-	-do-	-do-
23	Supply & Delivery of 1.5 sqmm X30 core Cu XLPE Multistrand armoured Cable	500	mtr	-do-	-do-	-do-
24	Supply & Delivery of 6 sqmm X 4 core Cu XLPE Multistrand armoured Cable	1150	mtr	-do-	-do-	-do-
25	Supply & Delivery of Fiber Optic Cable 12 Core	1000	mtr	-do-	-do-	-do-
26	Providing Earth Link / Earth pit as per IS and connected all the equipment with 25mm X 3 mm GI Strip	5	Nos.	-do-	-do-	-do-
27	Supply & Delivery of Automatic Ladder	2	Nos.	-do-	-do-	-do-
28	Supply & Delivery of suitable arrangement for Caisson Gate Seal detector & Monitoring in each gate [each set comprising 2]	2	sets	-do-	-do-	-do-
29	Supply & Delivery of LED Digital Display Board including Limit switch and annunciator/ hooter	2	sets	-do-	-do-	-do-
30	Supply & Delivery of 3 KVA online UPS	5	Nos.	-do-	-do-	-do-

31	Installation, Testing, Commissioning of all the above items starting from Sl. No. 5 (including laying of cables)	1	set	-do-	-do-	-do-
32	Manning during Guarantee period of one year	1	No.	-do-	-do-	-do-
33	1 st year CAMC after Guarantee period	1	No.	-do-	-do-	-do-
34	2 nd year CAMC after Guarantee period	1	No.	-do-	-do-	-do-
35	3 rd year CAMC after Guarantee period	1	No.	-do-	-do-	-do-
36	4 th year CAMC after Guarantee period	1	No.	-do-	-do-	-do-
37	5 th year CAMC after Guarantee period	1	No.	-do-	-do-	-do-
38	Operation for one year on commissioning	1	No.	-do-	-do-	-do-
	Total (Excluding GST)			-do-	-do-	-do-
	Total GST			-do-	-do-	-do-
	Total (Including GST)			-do-	-do-	-do-
	Total in Words			-do-	-do-	-do-