



KOLKATA PORT TRUST

KOLKATA DOCK SYSTEM

MECHANICAL & ELECTRICAL ENGINEERING DEPARTMENT
8, Garden Reach Road, Kolkata – 700 043

TENDER DOCUMENT

for

**Annual maintenance contract including routine check-up, necessary repair & regular
Maintenance of pump motor sets with accessories of the different pumping
stations for 2 years**

Notice Inviting Tender No.: KoPT/KDS/Mech/EE(ODF)/ADV/444 dated 14/06/2017

Site Inspection & Pre-bid meeting: **23/06/2017 at 11:00 hrs.**

Due date of submission of Tender: **07/07/2017 by 14:00 hrs.**

Date of opening of techno-commercial bid: **07/07/2017 at 15:00 hrs.**

Tender Fee : 1500/- (Non-Refundable)

Chief Mechanical Engineer

TENDER DOCUMENT

KOLKATA PORT TRUST KOLKATA DOCK SYSTEM

e-Tender for “Annual maintenance contract including routine check-up, necessary repair & regular maintenance of pump motor sets with accessories of the different pumping stations for 2 years”

NOTICE INVITING TENDER No. KoPT/KDS/Mech/EE(ODF)/ADV/444 dated 14/06/2017

TENDER NOTICE

Mechanical and Electrical Engineering Department of Kolkata Port Trust invites e-tender for “**Annual maintenance contract including routine check-up, necessary repair & regular maintenance of pump motor sets with accessories of the different pumping stations for 2 years**” as per the details specified herein the Tender Documents.

Tender Document may be downloaded from MSTC’s website www.mstcecommerce.com/eprochome/kopt, CPP Portal i.e. eprocure.gov.in and KoPT’s website www.kolkataporttrust.gov.in. Corrigenda or clarifications, if any, shall be hoisted in the above mentioned websites only.

SCHEDULE OF TENDER

NIT No.	KoPT/KDS/Mech/EE(ODF)/ADV/444 dated 14/06/2017
Mode of Tender	e-Procurement System (Online Part I – Techno-Commercial Bid and Part II - Price Bid) through www.mstcecommerce.com/eprochome/kopt of MSTC Ltd. The intending bidders are required to submit their offers electronically through e-tendering portal. No physical tender is acceptable by Kolkata Port Trust.
E-Tender No.	KoPT/Kolkata Dock System/CME/16/17-18/ET/160
Estimated Cost of Tender	Rs. 28,48,404/- excluding Service Tax.
Date of NIT available to parties for downloading	15.06.2017 from 10:00 hrs.
Date and time of Site inspection & Pre-Bid Meeting	23/06/2017 at 11 AM at Mechanical & Electrical Engineering Department, 8, Garden Reach Road, Kolkata -700043
Earnest Money Deposit	Rs. 56,968/- (Rupees Fifty Six Thousand Nine Hundred Sixty Eight only) to be submitted as per clause no. 17 of Terms and Conditions of Tender (Annexure-B).

Cost of Tender Document	Rs.1500/- in the form of Banker's Cheque or Pay Order or Demand Draft from any of the Nationalized/Scheduled Banks in India having branch in Kolkata drawn in favour of "Kolkata Port Trust" towards cost of Tender Document (applicable for downloaded NIT only) to be submitted as per clause no. 16 of Terms and Conditions of Tender (Annexure-B) .
Transaction Fee	Rs. 1639/- including Service Tax and other charges @15%. Payment should be made NEFT/RTGS in favour of MSTC Limited (Refer clause. No. 4 of Annexure -A).
Last date of submission of Tender Document Fee and Earnest Money as per clause no. 17 and 18 of Terms and Conditions of Tender (Annexure-B) .	07/07/2017 till 14:00 hrs.
Last date of submission of Transaction Fee through RTGS/NEFT in favour of MSTC Limited, Kolkata.	<u>Three working days before the last date of closing of online bidding for the e-tender.</u>
Date of Starting of e-Tender on line (Techno-Commercial Bid and Price Bid) at www.mstcecommerce.com/eprochome/kopt	24/06/2017 at 11.00 hrs.
Date of closing of online e-tender for submission of (Techno-Commercial Bid and Price Bid).	07/07/2017 at 14:00 hrs.
Date and time of opening of Part-I (i.e. Techno-commercial Bid after confirmation of submission of Tender Document Fee and Earnest Money Deposit).	07/07/2017 at 15:00 hrs.
Date and time of opening of Price Bid (Part-II). Bidders shall be informed separately.	To be informed separately.

List of Annexures

Instruction to Tenderers	Annexure – A
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Instructions to Tenderers***e-Tender No. KoPT/Kolkata Dock System/CME/16/17-18/ET/160*****This is an e-tendering event of Kolkata Dock System of Kolkata Port Trust. The e-tendering service provider is MSTC Ltd., 225C, A.J.C. Bose Road, Kolkata-700 020.**

Bidders are requested to read the terms & conditions of this tender before submitting your online tender.

1. Process of e-Tender :
- A) Registration: The process involves vendor's registration with MSTC e-procurement portal which is free of cost. Only after registration, the vendor(s) can submit his/their bids electronically. Electronic Bidding for submission of Technical Bid as well as Commercial Bid will be done over the internet. The Vendor should possess Class III signing type digital certificate. Vendors are to make their own arrangement for bidding from a P.C. connected with Internet. MSTC is not responsible for making such arrangement. (Bids will not be recorded without Digital Signature).
- SPECIAL NOTE: THE TECHNICAL BID AND THE COMMERCIAL BID HAS TO BE SUBMITTED ON-LINE AT www.mstcecommerce.com/eprochome/kopt
- 1). Vendors are required to register themselves online with www.mstcecommerce.com → e-Procurement → PSU/Govtdepts → Select Logo → Register as Vendor -- Filling up details and creating own user id and password → Submit.
- 2). Vendors will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form.
- In case of any clarification, please contact/MSTC, (before the scheduled time of the e- tender).
- Contact person:**
- | <u>From KoPT:</u> | <u>From MSTC Ltd:</u> |
|--|--|
| 1. Sri S. Mallick
Dy. Chief Mechanical Engineer-III
Mobile No. 09674720041
smallick@kolkataporttrust.gov.in | 1. Mr. S. Mukherjee
DM (e-commerce)
Mobile- 07278030407
Email: smukherjee@mstcindia.co.in . |
| 2. Sri P. Mondal
Executive Engineer (ODF)
Mobile No. 9674722207
outdoor.mech@kolkataporttrust.gov.in | 2. Ms S. Maity
AM (e-Commerce)
Mobile-09831155225
Email-smaity@mstcindia.co.in . |
- Google hangout ID- (for text chat)- mstceproc@gmail.com

	<p>(D). System Requirement:</p> <p>i) Windows 7 or above Operating System</p> <p>ii) IE-7 and above Internet browser.</p> <p>iii) Signing type digital signature</p> <p>iv) Latest updated JRE 8 (x86 Offline) software to be downloaded and installed in the system.</p> <p>To disable “Protected Mode” for DSC to appear in The signer box following settings may be applied.</p> <ul style="list-style-type: none"> Tools => Internet Options => Security => Disable protected Mode If enabled- i.e, Remove the tick from the tick box mentioning “Enable Protected Mode”. Other Settings: <p>Tools => Internet Options => General => Click On Settings under “browsing history/ Delete Browsing History” => Temporary Internet Files => Activate “Every time I Visit the Webpage”.</p> <p>To enable ALL active X controls and disable ‘use pop up blocker’ under Tools→Internet Options→custom level (Please run IE settings from the page www.mstcecommerce.com once)</p>
2.	The Techno-commercial Bid and the Price Bid shall have to be submitted online at www.mstcecommerce.com/eprochome/kopt . Tenders will be opened electronically on specified date and time as given in the Tender.
3.	All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.
4.	<p>Special Note towards Transaction fee:</p> <p>The vendors shall pay the transaction fee using “Transaction Fee Payment” Link under “My Menu” in the vendor login. The vendors have to select the particular tender from the event dropdown box. The vendor shall have the facility of making the payment either through NEFT or Online Payment. On selecting NEFT, the vendor shall generate a challan by filling up a form. The vendor shall remit the transaction fee amount as per the details printed on the challan without making change in the same. On selecting Online Payment, the vendor shall have the provision of making payment using its Credit/ Debit Card/ Net Banking. Once the payment gets credited to MSTC’s designated bank account, the transaction fee shall be auto authorized and the vendor shall be receiving a system generated mail.</p> <p><u>Transaction fee is non-refundable.</u></p> <p>A vendor will not have the access to online e-tender without making the payment towards transaction fee.</p> <p><u>NOTE</u></p> <p>Bidders are advised to remit the transaction fee well in advance before the closing time of the event so as to give themselves sufficient time to submit the bid.</p>
5.	Information about tenders /corrigendum uploaded shall be sent by email only during the process till finalization of tender. Hence the vendors are required to ensure that their corporate email I.D. provided is valid and updated at the time of registration of vendor with MSTC. Vendors are also requested to ensure validity of their DSC (Digital Signature Certificate).
6.	E-tender cannot be accessed after the due date and time mentioned in NIT.
7	<p>Bidding in e-tender :</p> <p>a) Vendor(s) need to submit necessary EMD, Tender fees and Transaction fees (If ANY) to be eligible to bid online in the e-tender. Tender fees and Transaction fees are non refundable. No interest will be paid on EMD. EMD of the unsuccessful vendor(s) will be refunded by the tender inviting authority.</p> <p>b) The process involves Electronic Bidding for submission of Technical and Commercial Bid.</p> <p>c) The vendor(s) who have submitted transaction fee can only submit their Technical Bid and</p>

	<p>Commercial Bid through internet in MSTC website www.mstcecommerce.com → e-procurement →PSU/Govtdepts→ Login under→My menu→ Auction Floor Manager→ live event →Selection of the live event</p> <p>d) The vendor should allow running JAVA application. This exercise has to be done immediately after opening of Bid floor. Then they have to fill up Common terms/Commercial specification and save the same. After that click on the Technical bid. If this application is not run then the vendor will not be able to save/submit his Technical bid.</p> <p>e) After filling the Technical Bid, vendor should click 'save' for recording their Technical bid. Once the same is done, the Commercial Bid link becomes active and the same has to filled up and then vendor should click on "save" to record their Commercial bid. Then once both the Technical bid & Commercial bid has been saved, the vendor can click on the "Final submission" button to register their bid</p> <p>f) Vendors are instructed to use <i>Attach Doc button</i> to upload documents. Multiple documents can be uploaded.</p> <p>g) In all cases, vendor should use their own ID and Password along with Digital Signature at the time of submission of their bid.</p> <p>h) During the entire e-tender process, the vendors will remain completely anonymous to one another and also to everybody else.</p> <p>i) The e-tender floor shall remain open from the pre-announced date & time and for as much duration as mentioned above.</p> <p>j) All electronic bids submitted during the e-tender process shall be legally binding on the vendor. Any bid will be considered as the valid bid offered by that vendor and acceptance of the same by the Buyer will form a binding contract between Buyer and the Vendor for execution of supply.</p> <p>k) It is mandatory that all the bids are submitted with digital signature certificate otherwise the same will not be accepted by the system.</p> <p>l) Buyer reserves the right to cancel or reject or accept or withdraw or extend the tender in full or part as the case may be without assigning any reason thereof.</p> <p>m) No deviation of the terms and conditions of the tender document is acceptable. Submission of bid in the e-tender floor by any vendor confirms his acceptance of terms & conditions for the tender.</p>
8.	Any order resulting from this tender shall be governed by the terms and conditions mentioned therein.
9.	No deviation to the technical and commercial terms & conditions are allowed.
10.	The tender inviting authority has the right to cancel this e-tender or extend the due date of receipt of bid(s) without assigning any reason thereof.
11.	Vendors are requested to read the vendor guide and see the video in the page www.mstcecommerce.com/eprochome to familiarize them with the system before bidding.

Terms and Conditions of Tender

e-Tender No. KoPT/Kolkata Dock System/CME/16/17-18/ET/160

Concurrence and remarks for all terms and conditions will be taken on-line. No hardcopy for the same needs to be submitted

- 1 Pre-Qualification Criteria of the Tenderer:** The Tenderers shall satisfy the following:-
- I. Should have experience in maintenance work of pump motor sets last seven years ending on 31.03.2017 as per the following guidelines:-
- a) Three similar completed works each costing not less than 40% of the estimated cost.
Or
 - b) Two similar completed works each costing not less than 50% of the estimated cost.
Or
 - c) One similar completed work costing not less than 80% of the estimated cost.
- II. Average annual financial turnover during the last three years ending 31.03.2016, should be at least 30% of the estimated cost.
- Here, “experience in maintenance work of pump motor sets” will be considered as similar work.
Work experience of subcontractor or supply contractor shall not be considered as requisite qualification.
- 2 The Techno-commercial Bid must contain the following:
- [A] To be submitted offline under cover-I of an envelope marking “Tender Fees” and “EMD” superscribing the e-tender number on it.**
- a) Demand Draft/Banker’s Cheque/Pay Order in original, for Rs.1500/- (Rupees One thousand Five hundred only) as cost of Tender Document. as per clause no. 17 of **Terms and Conditions of Tender (Annexure-B)**.
 - b) Demand Draft/Banker’s Cheque/Pay Order in original, for Rs.56,968/- (Rupees Fifty Six thousand Nine hundred Sixty Eight only) as Earnest Money Deposit as per clause no. 18 of **Terms and Conditions of Tender (Annexure-B)**.
 - c) NSIC certificate, if applicable.
- [B] To be submitted online as mentioned above in “Instruction to Tenderers”**
- a) The Tender Document along with General Conditions of Contract, Forms and Agreement (Annexure- H) duly signed and stamped on each of the pages by the Tenderer including the page (s) of Bill of Quantities, un-priced and scored out.

- b) Balance Sheet and Profit and Loss Account for the financial years 2013-14, 2014-15 and 2015-16 and the same should be audited as per relevant Norms wherever required.
 - c) Documentary evidence of completion of similar work as proof of fulfilling the Pre-qualification Criteria of the tender.
 - d) Valid Service Tax Registration Certificate, VAT/CST Registration Certificate.
 - e) Valid Trade License.
 - f) PAN Card issued from Income Tax Department.
 - g) Statement to confirm the status of the Tenderer – whether a Partnership Firm, Company or Proprietorship Firm. If demanded by KoPT, the tenderer would be bound to furnish necessary documents in support of their statement in this regard.
 - h) All intending tenderers at the time of tender shall disclose all necessary documents as to whether they are covered under ESI Act or not. In case they are covered under ESI Act, they have to furnish the details of registration, failing which their tender would be liable to be cancelled. In case they are not covered under ESI Act or exempted, they would furnish necessary documents along with an Affidavit affirmed before First Class Judicial Magistrate on Non-Judicial Stamp paper worth Rs. 10/- to the effect as per enclosed Pro-forma (Annexure-H). They must additionally indemnify KoPT against all damages and accident occurring to their labour in a Non-Judicial Stamp paper worth Rs. 50/-. The same should be uploaded along with their Techno-commercial Bid as per enclosed Pro-forma (Annexure-I).
 - i) All intending tenderers shall have to furnish the details of EPF Registration, failing which their tender/ offer would be liable to be cancelled._
 - j) Valid Professional Tax clearance certificate/ Up to date tax payment challan.
 - k) A separate statement of the tenderer containing full name and office address of the Tenderer, names and designation of the officials of the Tenderer connected with the instant Tender, their land and mobile telephone nos., e-mail id and Fax No. etc. as per enclosed Pro-forma in GCC of KoPT (Annexure –J).
 - l) Declaration of the tenderer in the form of a COVERING LETTER with certain undertaking and also that they or their associates have not been banned or delisted by any Govt. or Quasi-Govt. agencies or PSUs in India as per enclosed Pro-forma (Annexure –G).
- 3 All the document as mentioned here-in-before shall have to be UPLOADED or submitted offline as the case may be. **The tenderer should clearly understand that no information/ indication as to price should be entered in the page of “Bill of Quantities” or elsewhere in the Techno-commercial Bid.**

Indication of price anywhere in any manner in the Techno-commercial part of the tender would lead to rejection of the offer.

- 4 The Price Bid as per the format of Bill of Quantities must be uploaded. No condition or conditional offer should at all be indicated/ mentioned in the Price Bid.
- 5 **Non-Responsive Bidder:** The offer/ tender shall be treated as non-responsive, if it:
 - (i). is not accompanied by requisite earnest money,
 - (ii). is not accompanied by requisite tender paper cost,
 - (iii). Validity of the offer is less than tender stipulation,
 - (iv). Does not meet the Qualification Criteria as stipulated in the NIT.
 - (v). the bidder submits conditional offer/ impose own terms and conditions/ does not accept tender conditions completely/ offer or tender if submitted with any deviation from the tender terms & conditions,
 - (vi). If the tender is conditional,
 - (vii). If all the documents required as per NIT are not uploaded,In addition to the above, a bidder may be disqualified if-
 - (a). the bidder provides misleading or false information in the statements and document submitted,
 - (b). record of unsatisfactory performance during the last seven years, such as abandoning of work or rescinding of contract for which the reasons are attributable to the non-performance of the contractor or inordinate delays in completion or bankruptcy etc. The decision of Kolkata Port Trust in this regard shall be final and binding on the bidder.
- 6 Techno-commercial bid would be opened on the aforesaid schedule date of opening the techno-commercial bids. Price Bids of only the qualified bidders shall be opened on a suitable date, to be intimated beforehand.
- 7 The Trustees reserve the right to extend the last date of submission of Tender before the due date of submission of tender for any reason whatsoever.
- 8 The Trustees will not be responsible for any cost or expense incurred by the Tenderer in connection with preparation or submission of the tenders.
- 9 In case of unscheduled holiday, Strike/Bandh etc. on the scheduled date of Pre-bid Meeting, submission of bids, opening of Techno-commercial or Price Bid, the same time (as per the schedule) on the next working day will be considered as scheduled time for the purpose of Pre-bid meeting, submission of bids, opening of Techno-commercial or Price Bid, as the case may be. Here, Trustees' working day means Monday to Friday in between 9-30 hrs. to 17-30 hrs.
- 10 Should there be any doubt or ambiguity as to the meaning of any portion of the tender document or if any further information is required, the same shall be clarified/amended by KoPT in the Pre-bid Meeting. No excuse of ignorance in this regard shall be accepted at a later date after the Pre-bid meeting. In the event of making any important clarification or amendment of terms of the tender, pursuant to the discussion in the Pre-bid meeting, the same shall be immediately hoisted in KoPT's website for information of all concerned and the same shall form a part of the Tender Document. Any offer having deviation from KoPT's terms and conditions shall render such offer unacceptable to KoPT.

No alteration shall be made by the Tenderer in the tender document and the offer must be in accordance with the terms and conditions of the tender. The prospective tenderers may attend Pre-bid Meeting in order to make themselves fully aware of the work and scope of work as mentioned in the Bill of Quantity as per tender. For attending the Pre-bid Meeting, the representatives of the tenderers should accompany proper authorizations letters from their respective organizations.

- 11 **Duties and Taxes:** The rate quoted by the bidders shall be inclusive all taxes and duties as on schedule date of submission whether direct or indirect, except Service Tax including Swatchh Bharat & Krishi Kalyan Cess. Service tax and applicable cess will be payable extra by KoPT at actual on submission of cenvatable documents if applicable. Any modification (addition/deletion/alteration including implementation of GST) in taxes and duties in future by the GOI subsequently will be adjusted separately at the material time. Therefore, the detailed tax break-up considered in the quoted price should also be submitted by the bidders along with their price bid in order to assess the impact of future tax levied subsequently, if any, on the contract price. Service tax including applicable cess would also be imposed on all deductions and penalties on the contractor. However, as KoPT is not Registered Body Corporate, it is not liable to pay Service Tax under “Reverse Charge” mechanism.

The bill/ invoice is to be submitted by the party should be in proper format as per Tax Rules.

- 12 **CENVAT CRITERIA:** In the event of cenvatable bought out items, if any, the contractor is required to ensure that invoices are drawn in the name of contractor and it should be marked “ account KOLKATA PORT TRUST” as per cenvat credit rules and regulations. KoPT would provide the Service Tax registration number for availing Cenvat Credit. As far as possible the items to be procured from first/ second stage dealer and maintain the above formalities to the extent possible so that the KoPT can avail the Cenvat Credit. However, Service Tax as applicable on the amount of Liquidated Damage as well as other recovery i.e. damage, penalty, land rent, etc. shall be deducted from contractors’ bill at applicable rates and the same will not be reimbursed by KoPT.
- 13 The quoted rates would be kept valid for **at least 120 days** from the date of opening of the Techno-commercial Bid.
- 14 The Trustees’ reserve the right to disqualify a tender in case they are satisfied that any bribe, commission, gift or advantage has been given, promised or offered by or on behalf of any of the tenderers to any officer, employee or representative of the Trustees or to any person on his or on their behalf in relation to acceptance of the tender.
- 15 The tenderers shall distinctly understand that they will be strictly required to conform to all the terms of the tender and the plea of custom prevailing will not in any case be accepted as an excuse on their part for infringing of any of the conditions and they shall refrain from sending revised or amended quotations, after the closing date and time of the tender.
- 16 The contract document shall be drawn in English language only. The contract shall be governed by all relevant Indian Acts as applicable only within the jurisdiction of High Court of Kolkata, West Bengal, India including the Acts like The Indian Contract Act, The Major Port Trusts Act, The Workmen’s

Compensation Act, The Minimum Wages Act, The Contract Labour (Regulation & Abolition) Act, The Dock Worker's Act, The Indian Arbitration & Conciliation Act, Act(s) or any other act, law, rule as may be applicable.

- 17 **Cost of the Tender:-** Tender Fee of Rs. 1500/- (Rupees One thousand Five hundred only) is to be submitted offline as indicated in Clause no. 8(b) of "Instruction to tenderers" by CTS Banker's Cheque/ Demand Draft/Pay Order of any Kolkata Branch of a Scheduled Bank of India, drawn in favour of 'Kolkata Port Trust' and payable at Kolkata **before opening of Techno-Commercial Bid.**
- 18 **Earnest Money:-** EMD of Rs.56,968/- (Rupees Fifty Six thousand Nine hundred Sixty Eight only) is to be submitted offline as indicated in Clause no. 8(b) of "Instruction to tenderers" by CTS Banker's Cheque/ Demand Draft/Pay Order of any Kolkata Branch of a Scheduled Bank of India, drawn in favour of 'Kolkata Port Trust' and payable at Kolkata **before opening of Techno-Commercial Bid.**

Tender without Earnest Money or depositing Earnest Money in a manner other than that stipulated above or for an amount less than the specified amount would be considered as invalid tender.

Exemption: NSIC Registered Firms (under single point Registration scheme) for works under this tender are exempted from depositing cost of tender document and depositing Earnest Money. All NSIC registered firms are not exempted from depositing cost of tender and Earnest money, only those firms having document of such exemption for the tender work will be exempted. Documentary evidence must be submitted in cover – I of their offer for claim of such exemption otherwise their offer will be rejected.

In case of the unsuccessful Tenderers, the EMD will be refunded without interest after finalization of the tender. In case of the successful Tenderer, the EMD will be adjusted against the Security Deposit in terms of relevant clauses of GCC.

- 19 **Evaluation Criteria:** Evaluation will be done on the basis of the all inclusive Grand Total offered price for the entire work as per the Bill of Quantities.

Job Descripton & Scope of Work

(A). **Job Description:** Annual maintenance contract including routine check-up, necessary repair & regular maintenance of pump motor sets with accessories of the different pumping stations for 2 years. There are total 30 locations throughout Howrah and Kolkata Zones which are to be maintained. Details of Pump motor sets and their locations are given below (in Table-1):-

(TABLE-1)

Sr. No.	LOCATION WITH ADDRESS	PUMPS DETAILS	MOTORS DETAILS
1.	Kolkata Port Trust Head Office, 15, Strand Road, Kolkata-700001	02 nos. 12.5 HP C/F Pump.	02 nos. 12.5 HP induction motor.
2.	New Howrah Bridge Qtr Pump Room, KoPT Qtrs., New Howrah Bridge, Howrah -1 (Water treatment plant)	a) <u>For fresh water supply</u> : 02 nos. 12.5 HP C/F Pump b) <u>For Un-filtered/river water</u> : 03 nos. 5 HP C/F Pump. c) <u>For back wash</u> :- 2nos. 7.5 HP C/F Pump.	a) 02 nos. 12.5 HP, 3 phase induction motor. b) 03 nos. 5 HP, 3 phase induction motor. c) 02 nos. 7.5 HP, 3 phase induction motor.
3.	Kolkata Port Trust Guest House & Officers Club, 93, Chowringee Road, Kolkata- 700 020	a) 02 nos. 3 HP C/F pump. b) 01 no 1 HP submersible pump set.	a) 02 nos. 3 HP, 3 phase induction motor. b) 01 no. single phase motor
4.	KoPT Fairly Jetty Building, Strand Road, Kolkata-700 001	a) 01 no 5 HP C/F pump b) 01 no. 3 HP Monoblock pump motor set	a) 01 no. 5 HP, 3 phase induction motor. b) Make - Kirloskar
5.	Kolkata Port Trust Sports Club, Maidan Tent, Kolkata -700 069.	01 no 1.0 HP Submersible pump set	01 no. single phase motor.
6	Pump House, Taratala Qtrs. Kolkata-700088	4 Nos. 40 H. P. C/ F Pumps. Make: Pump no.1 &4 – MATHER & PLATT, Pump no.2&3 -AKG	3 phase induction motor. Make: Motor no.1 &4 -GEC Motor no.2&3 -KIRLOSKAR
7	Taratala Sewage Plant, Taratala, Kolkata-700088	1) 2 Nos. 7.5 H. P.(n/ clog) C/F Pumps Make - B.E. 2) 1 No.2 H. P. C/ F Pump Make - B.E.	1) 3 phase induction motor. Make: Motor no.1 -GEC Motor no.2 –KIRLOSKAR 2) 3 phase induction motor Make-Crompton & Perkinson
8	Centenary Hospital, 1, Diamond Harbour Road, Kolkata-700053	1) 2 Nos. of 20 H. P C/ F Pumps – Make-B.E. 2) 1 No. 10 H.P. C/F Pumps ; Make-AKG 3) 2 Nos. of 2 H.P. (n/clog) C/F; Make- KIRLOSKAR 4) 1 No. 5 H. P. Bottom Suction	1) 3 phase induction motor. Make- Motor no.1 - Alsthom Motor no.2 –KIRLOSKAR 2) 3 phase induction motor. Make GEC 3) 3 phase induction motor.

		Submersible Pump Make-CRI 5) 1 No. 1 H. P. C/ F Pump Make-BE	Make-KIRLOSKAR 4) 3 phase submersible motor. Make-CRI 5) Single phase induction motor. Make-NEC
9	Centenary Hospital Sewage Plant, 1 Diamond Harbour Road, Kolkata-53	1) 01 Nos. 7.5 H.P. Bottom Suction (n/ clog) Submersible pump. Make-CALAMA	1) 3 phase submersible motor.
10	Sister Nivedita Abasan, 8,B K Road, Kolkata-23	2 No. 20 H. P. Centrifugal BE Pumps	3 phase induction motor. Make- CROMPTON & GREAVES
11	CISF SOS hostel, 58 C.G.R Road, Kolkata 700043	1)1 No. 3 H.P. Centrifugal, BE Pump 2)1No. 3 H.P. KIRLOSKAR, make- Mono Block Pump.	1)3 phase induction motor. Make- CROMPTON & GREAVES 2) 3 phase induction motor.
12	Firemen Qtrs & Port Fire Office , 58 C.G.R Road, Kolkata 700043	1)1 No 3 H. P. Centrifugal BE Pump 2)1No. 3 H.P. KIRLOSKAR make Mono Block Pump	1)3 phase induction motor. Make- GEC 2) 3 phase induction motor.
13	Chief Engineer's Office, 51 C. G. R Road, Kol-43	2 No 3 H. P Centrifugal BE Pump	3 phase induction motor. Make- GEC
14	Kantapukur CISF Barrack, Remount Road, Kolkata- 23	1No. ½ H.P. Mono Block Pump. Make - CROMPTON & GREAVES	Single phase induction motor.
15	C. M. M. 6 G.R Road ,Kolkata 700023	1) 1 No. 1 H. P. Centrifugal BE Pump. 2) 1 No. 5 H.P. Centrifugal BE Pump.	1) Single phase induction motor. Make GEC 2) 3 phase induction motor. Make- GEC
16	Fair Field,72 Napier Road Kolkata 700022	1) 1 No. 3 H. P. Centrifugal BE Pump. 2) 1 No. 3 H.P. Mono Block KIRLOSKAR make Pump	1)3 phase induction motor. Make- GEC 2) 3 phase induction motor.
17	Mooring Master Office Hastings (Near Marine House), Kolkata 700022	1) 1 No. 3 H. P. Centrifugal BE Pump. 2) 1 No. 3 H.P. KIRLOSKAR make. Mono Block Pump	1) 3 phase induction motor. Make -GEC 2) 3 phase induction motor.
18	Dock Workers Training Institute. P 38/4 Hide Road, Kolkata - 43	1) 1 No. 1 H. P. Centrifugal BE Pump. 2) 1 No. 1 H.P. CROMPTON & GREAVES make Mono Block Pump	1) Single phase induction motor. Make - CROMPTON & GREAVES 2) Single phase induction motor.
19	Subhas Bhawan, 40 C.G.R Road, Kolkata - 700043	1 No. 6 H.P. Submersible pump Make-CRI	CRI make 3 phase motor
20	Nimak Mahal Quarters., Nimak Mahal Road,	1) 1 No 5 H.P. Centrifugal BE make Pump	1) 3 phase induction motor. Make -NGEF

	Kolkata - 43	2) 1 No 3 H.P. Centrifugal BE make Pump	3 phase induction motor. 2) Make- GEC
21	Dumayune Ave Quarters, 7, Dumayune Ave , Kolkata 700043	1) 1 No. 10 H. P. AKG make Centrifugal pump 2) 1 No. 10 H. P. BE make Centrifugal pump	1) 3 phase induction motor. Make –KIRLOSKAR 2) 3 phase induction motor. Make - CROMPTON & GREAVES
22	P.S.O. P 65 C.G.R Road, Kolkata 700043	1) 1 No. ½ H.P. KIRLOSKAR make Mono Block Centrifugal pump 2) 1 No. ½ H.P. CROMPTON & GREAVES make Mono Block Centrifugal pump	1) Single phase induction motor. 2) Single phase induction motor.
23	Libyan House (CISF Barrack), Bhutghat, Kolkata 700043	1) 2 No. 3 H. P. BE make Centrifugal pumps 2) 2 Nos. 7.5 HP KIRLOSKAR make Monoblock pumps	1) 3 phase induction motor. Make- GEC 2) 3 phase induction motor.
24	C.H.E.'s Office, 20 G.R Road(near Bhutghat) Kolkata 700043	1) 1 Nos. 1 H. P BE make Centrifugal pumps 2) 1 Nos. 01 HP CROMPTON & GREAVES make Monoblock Centrifugal pump	1) Single phase induction motor. Make - CROMPTON & GREAVES 2)) Single phase induction motor.
25	Crew,s Quarters Near 11 no. Gate NSD, Alifnagar, Kolkata – 700024	2 Nos. 1 H. P. BE make Centrifugal pumps.	Single phase induction motor. Make CROMPTON & GREAVES
26	Port land Park, Alipore, Kolkata 700027	1) 2Nos. 20 HP Centrifugal BE make pump	1) 3 phase induction motor. Make: Motor no.1 - ALSTHOM Motor no.2 –KIRLOSKAR
27	KoPT Quarters. Remount Road, Kolkata-700027	2 Nos. 20 H. P. Centrifugal BE make Pumps	3 phase induction motor. Make-Motor no.1 -CROMPTON & GREAVES. Motor no.2 – KIRLOSKAR
28	CISF House, Kantapukur, Kolkata-700027	1 No. 2 H. P. Centrifugal BE make Pump	Single phase induction motor. Make - NEC
29	CISF Quarters. Subhas Nagar, Brook line, Kolkata-700043	2 Nos. 20 H. P. Centrifugal BE make Pumps	3 phase induction motor. Make: CROMPTON& GREAVES
30	CISF Barrack, Ram- Nagar, Kolkata-700043	1) 1 No. 3 HP Centrifugal BE make Pump. 2) 1 No. 1 H.P. Mono Block CROMPTON & GREAVES make Centrifugal Pump	1) 3 phase induction motor. Make -CROMPTON & GREAVES 2) Single phase induction motor.

Details of item for major repair with replacement of parts and materials for Pump-Motor sets and their accessories (in Table-2).

(TABLE-2)

Sl. No	Description of Items	1 HP (C/F) (Fresh water)	2 HP (C/F) (Fresh water)	2.0 HP (C/F) (non-clog)	3 (C/F) (Fresh water)	5 HP (C/F) (Fresh water)	5 HP (C/F) (non-clog)	7.5 HP (C/F) (Fresh water)	10 HP (C/F) (Fresh water)	12.5 HP (C/F) (Fresh water)	20 HP (C/F) (Fresh water)	40 HP (Fresh water)
1. REPLACEMENT OF BASE PLATE PUMP & MOTOR SETS												
1.1	MS/ C I base plate for pump, motor											
2. REPLACEMENT OF ITEM OF C/F PUMP												
2.1	Ball Bearing sets (02 nos. each set)											
2.2	Bearing Cover											
2.3	Bearing Cover nut											
2.4	Impeller											
2.5	Pump boxes(splited)											
2.6	Stage casing bush											
2.7	Shaft (S S)											
2.8	Shaft sleeve bush SS / GM.											
2.9	CI Coupling hub											
2.10	Gland											
2.11	Tie rod											
2.12	Retainers (safi)											
2.13	Pulley											
2.14	Pressure gauge											
3. REPLACEMENT OF ITEM OF MOTOR												
3.1	Rewinding											
3.2	Rotor shaft (S.S)											
3.3	Bearing set (2 nos.)											
3.4	Thrust bearing											
3.5	Rotor bush											
3.6	Upper flange											
3.7	Lower flange											
3.8	Stud											
3.9	Side cover											
3.10	Fan											
3.11	Fan cover											
3.12	Connector											
3.13	Connector box											

3.14	Capacitor											
3.15	Kit set											
3.16	Fan belt											
3.17	Fan pulley											
3.18	Clutch unit											
3.19	Mounting leg											
3.20	Terminal Box											
Sl. No	Description of Items	1.0 HP (Fresh water)	5.0 HP (Fresh water)	6.0 HP (Fresh water)	7.5 HP (non-clog)	X	X	X	X	X	X	X
4. SUBMERSIBLE PUMP SET												
4.1	Lifting of pump motor set and accessories.											
4.2	Installation of pump motor set and accessories.											
4.3	Cable jointing											
5. REPLACEMENT OF ITEM OF SLUICE VALVE & NON RETURN VALVE												
SLUICE VALVE												
Sl. No	Description of Items	Up to 2" dia	2.1" to 4" dia	4.1" to 5" dia	X	X	X	X	X	X	X	X
5.1	Spindle GM											
5.2	Spindle SS											
5.3	Nut GM											
5.4	Nut SS											
5.5	Guide											
5.6	Seat											
NON RETRURN VALVE												
5.7	Flap											
5.8	Flap holding rod											
5.9	Side adjusting screw											
6. REPLACEMENT OF MAIN SWITCH												
Sl. No	Description of Items	0.5 HP	1 HP	2 HP	3 HP	5 HP	6 HP	7.5 HP	10 HP	12.5 HP	20 HP	40 HP
6.1	Complete Unit											
7 REPLACEMENT OF ITEM OF STARTER												
Sl No.	Description of Item	3 HP	5 HP	6 HP	7.5 HP	10 HP	12.5 HP	20 HP	40 HP	X	X	X
7.1	Main coil											
7.2	Auxiliary coil											
7.3	Over load relay											
7.4	Star coil											

7.5	Delta coil											
7.6	Total Panel Board											
7.7	Single Phase Preventer											
7.8	Timer clock											
7.9	Connector											
8. MONOBLOCK PUMP MOTOR SET												
Sl No.	Description of Item	0.5 HP (Fresh water)	1 HP (Fresh water)	3 HP (Fresh water)	7.5 HP (Fresh water)	X	X	X	X	X	X	X
8.1	Volute casing											
8.2	Adaptor											
8.3	End cover											
8.4	Suction flange											
8.5	Delivery flange											
8.6	Non return valve											
8.7	Mechanical seal											
8.8	Circlip											
8.9	Impeller											
8.10	Key											
8.11	'O' ring											
8.12	Cooling fan											
8.13	Cooling fan cover											
8.14	Terminal cover											
8.15	Terminal block											
8.16	Capacitor											
8.17	Wound stator											
8.18	Motor body											
8.19	Rotor with shaft											
8.20	Water deflector											
8.21	Tie rod											
8.22	Wavy washer											
8.23	Vent plug – ¼" BSP											
8.24	Vent plug washer											
8.25	1" BSP threaded plug											
8.26	Moulded chord wire											

(B). Scope of Work:

- i) Routine check-up & maintenance to be done at least twice in a month for all the pump motor sets as mentioned in above TABLE-1 with accessories (such as suction & delivery valves, non-return valve, starters, main switch, pressure gauges etc.) to ensure satisfactory performance with supply of minor items viz., gland packing, nuts, bolts, washers, coupling rubber bushes with bolts, grease, gaskets.
- ii) Attending in the event of any break down repair of pumps, motors, valves, starters and main switches in above TABLE-1. Nature of repair will be ascertained through joint inspection by the firm's representative and KoPT officials.
- iii) Supply of spare parts as detailed in TABLE-2 above for major repairs & replacement if necessary, of pump motor sets and their accessories.
- iv) If any civil structure is damaged during execution of the work, it is to be made good by the contractor at his own cost.
- v) A mandatory check list to be submitted for each location twice in a month as per the format:

MANDATORY CHECK-LIST FOR.....ZONE/ LOCATION

Ref: Order letter No.

1st / 2nd Checking for the month of

Sl. No.	Checking Item	Name of Pump Station...				Action Taken/ Remarks
		Pump-1	Pump-2	Pump-3	Pump-4	
1.	Pump-Motor alignment					
2.	Pump-Motor sound					
3.	Pump-Motor vibration					
4.	Pump-Motor temperature					
5.	Tightness of grouting bolts					
6.	Tightness of coupling bolts					
7.	Tightness of other nuts & bolts in the system					
8.	Gland Packing					
9.	Coupling rubber bush					
10.	Valves					
11.	Other items					
12.	Discharge pressure in pressure gauge					
13.	Greasing and Lubrication in different points					
14.	Main Switch					
15.	Starter					
16.	Other electrical items					

N.B: i) OK / necessary repaired after checking are indicated by [Tick] mark.

ii) Other action taken / observation are mentioned in the column of Action taken / remark.

(Sign. of representative of KoPT)

(Sign. of representative of Contractor)

Annexure - D

Special Conditions of Contract

e-Tender No. KoPT/Kolkata Dock System/CME/16/17-18/ET/160

1. Contract Period:

Contract period will be TWO years from the date of commencement of work.

2. Commencement of work:

Work will be commenced by the contractor within one month from the date of issue of Letter of Intent (L.O.I) after depositing of Security Deposit and submission of five sets Agreements against L.O.I.

3. Security Deposit:

10% of the total contract value will be deposited with the Trustees towards the Security Deposit. For this purpose, 10% amount would be deducted from each progressive bill and the same would be retained as Security Deposit which shall be refunded without interest after AMC Period. Alternately, the successful bidder can submit an irrevocable Bank Guarantee of equivalent amount to be issued by any Nationalized/ Scheduled Bank of India having branch in Kolkata as per format given in the General Conditions of Contract Forms and Agreements as enclosed. The Security Deposit will be retained till successful completion of the AMC Period and would be released without interest thereafter.

4. Break down repair time:

Breakdown report upto 16:30 hours to be attended by the contractor on the same day. Breakdown after 16:30 hours are to be attended on the next day morning. Breakdown report will be intimated by phone/ SMS from KoPT's representatives. Contractor to provide their official numbers, at least one land line and one mobile number. Necessary information to be submitted for any alternation of phone numbers.

5. Guarantee Period:

Breakdown repair shall be guaranteed for six months.

6. Inspection of work:

In the event of break down, inspection may be carried out by the KoPT's representative.

7. Old / Replaced materials:

All old/ replaced parts and materials would be required to be returned to the office of Executive Engineer (Outdoor).

8. Payment Terms:

(i) KoPT has been paying contractor's bills through ECS. For this, the contractor shall furnish the following information immediately after receipt of order:-

- a) Bank Account No.
- b) Type of Account – Savings/Current/Cash Credit
- c) Name of the Bank with Code No.
- d) Name of the branch with Code No. along with location
- e) MICR No.

(ii) Payment will be made on submission of bill and mandatory check list in duplicate separately as follows:

- (a) Monthly charges of routine check-up & maintenance for pump-motor sets and accessories under each location on monthly basis.
- (b) Breakdown charges for pump-motor sets and accessories under each location as and when required.
- (c) Actual cost of spare parts/ materials supplied as detailed in Table-2 (Scope of Work) as and when required.

9. Tools & Tackles:

All tools & tackles including the lifting appliances will be arranged by the contractor for execution of the work.

10. Damage & loss to private property & injury to workmen:

The contractor shall at his own expenses reinstate and make good to the satisfaction of KoPT and pay compensation for any injury, loss or damage accrued to any person, property or rights whatever including property and rights of KoPT (or Agents/servants or employees of KoPT), the injury, loss or damage arising out of or in any way in connection with the execution or purported execution of the contract and further the contractor shall indemnify KoPT against all claims enforceable against KoPT (or any Agent, servant or employees of KoPT) or which would be so enforceable against KoPT where KoPT is a private person, in respect of any such injury (including injury resulting to death), loss or damage to any person whomsoever or property including all claims which may arise.

11. Safety and Personal Protective Equipment:

Personal protective equipments to be used by the workers of contractor at the time of working.

12. The contractor shall governed by the Indian Contract Act and all payments due to the contractor under the contract shall be made in India in Rupee Currency. No foreign exchange is payable on this contract.

13. The tenderer shall disclose the names of their Partners/ Directors/Members in the manner stipulated in this tender document. Any change in the composition of the same during subsequent stage of tender finalization as well as during the period of execution of the contract shall be immediately notified in writing to KoPT. in the event of any tender failing to comply with the aforesaid requirement, the tender/ contract, if entered into, may be terminated.

14. Contract Labour Laws:

The contract shall be required to comply with the Minimum Wages Act 1948 or statutory amendments and the notifications thereof, any other laws relating to thereto and the rules made there under from time to time. Payment to the labours to be made as per the Minimum Wage Rate fixed by Chief Labour Commissioner (Central) and as M.W.A Govt. of West Bengal whichever is higher and revision from time to time.

15. Contract Agreement:

There will be an agreement between the both side of contractor and KoPT in the prescribed Form in GCC within 15 days from the date of issuance of 'Letter of Intent' on a Non-judicial Stamp paper of at least Rs.60/- as per format enclosed the GCC. The contractor will arrange to submit 5 sets Agreement of the contract.

16. Priority of Contract Documents:

The several documents forming the Contract are to be taken as mutually explanatory to one another, but in case of ambiguity or discrepancies, the same shall be explained and adjusted by the Engineer of the Contract (EoC), who shall thereupon issue to the Contractor instruction thereon which will be final and binding to the contractor. Unless otherwise provided in the contract, if the stipulations in the various documents forming a part of the contract are found to be in a variation in any respect then, unless a different intention appears, the provision(s) of one will override others (but only to the extent these are at variance) in order of precedence as given in the list below i.e a particular item in the list will take precedence over all those placed lower down the list.

The following documents shall form the Contract Agreement in the following sequence:

- a. The said Tender/ Offer and the acceptance of the tender/ Offer
- b. Instruction to tenderers
- c. Terms & conditions of tender
- d. Special condition of contract
- e. Job description & Scope of Work
- f. Bill of Quantities
- g. General Condition of Contract, Forms and Agreements
- h. Letter of Intent and Order letter
- i. All correspondences by which, the contract is added, amended, varied or modified in any way by mutual consent.

17. All other terms and conditions shall be governed by KoPT's General Condition of Contract.

Bill of Quantities

“Annual maintenance contract including routine check-up, necessary repair & regular maintenance of pump motor sets with accessories of the different pumping stations for 2 years”

e-Tender KoPT/Kolkata Dock System/CME/16/17-18/ET/160

Notice Inviting Tender No.: KoPT/KDS/Mech/EE(ODF)/ADV/444 dated 14/06/2017

THIS IS A SAMPLE FOR QUOTING PART-II (PRICE BID) OF INSTANT TENDER. BIDDERS ARE REQUESTED NOT TO QUOTE HERE. THE PRICE PART TO BE QUOTED ONLINE ONLY.

SL. No.	Description of the Work	Total price including all taxes, duties and other charges except Service Tax. (in Rupees)
1	Expenditure for routine check-up & maintenance to be done at least twice in a month for all the pump motor sets as mentioned in TABLE-1 with accessories (such as suction & delivery valves, non-return valve, starters, main switch, pressure gauges etc.) to ensure satisfactory performance with supply of minor items viz., gland packing, nuts, bolts, washers, coupling rubber bushes with bolts, grease, gaskets.	Lump-sum cost
2	Expenditure for attending in the event of any break down repair of pumps, motors, valves, starters and main switches in TABLE-1. Nature of repair will be ascertained through joint inspection by the firm's representative and KoPT officials.	Lump-sum cost
3	Supply of spare parts as detailed in TABLE-2 for major repairs & replacement if necessary, of pump motor sets and their accessories:--	XXXX
	3.1). Replacement of base plate pump & motor sets.	Sum of Average costs
	3.2). Replacement of item of C/F pumps.	Sum of Average costs
	3.3). Replacement of item of Motors.	Sum of Average costs
	3.4). Submersible pump sets.	Sum of Average costs
	3.5). Replacement of item of Sluice valve & Non-return valve.	Sum of Average costs
	3.6). Replacement of main switch.	Sum of Average costs
	3.7). Replacement of item of starter.	Sum of Average costs
	3.8). Mono Block pump motor sets.	Sum of Average costs
	TOTAL AVERAGE COST (Sum of SL.3.1 to SL.3.8) =	
Grand Total [SL.1 + SL.2 + SL.3{Total Avg. Cost}] = (in Rs.)		

Details of item for major repair with replacement of parts and materials for Pump-Motor sets and their accessories (in Table-2).

(TABLE-2)

Sl. No	Description of Items	1 HP (C/F) (Fresh water)	2 HP (C/F) (Fresh water)	2.0 HP (C/F) (non-clog)	3 (C/F) (Fresh water)	5 HP (C/F) (Fresh water)	5 HP (C/F) (non-clog)	7.5 HP (C/F) (Fresh water)	10 HP (C/F) (Fresh water)	12.5 HP (C/F) (Fresh water)	20 HP (C/F) (Fresh water)	40 HP (Fresh water)	Average Value (Rs.)
1. REPLACEMENT OF BASE PLATE PUMP & MOTOR SETS (in Rs.)													
1.1	MS/ C I base plate for pump, motor												
Sum of Average Value =													
2. REPLACEMENT OF ITEM OF C/F PUMP (in Rs.)													
2.1	Ball Bearing sets (02 nos. each set)												
2.2	Bearing Cover												
2.3	Bearing Cover nut												
2.4	Impeller												
2.5	Pump boxes(splited)												
2.6	Stage casing bush												
2.7	Shaft (S S)												
2.8	Shaft sleeve bush SS / GM.												
2.9	CI Coupling hub												
2.10	Gland												
2.11	Tie rod												
2.12	Retainers (safi)												
2.13	Pulley												
2.14	Pressure gauge												
Sum of Average Values =													
3. REPLACEMENT OF ITEM OF MOTOR (in Rs.)													
3.1	Rewinding												
3.2	Rotor shaft (S.S)												
3.3	Bearing set (2 nos.)												
3.4	Thrust bearing												
3.5	Rotor bush												
3.6	Upper flange												
3.7	Lower flange												
3.8	Stud												
3.9	Side cover												
3.10	Fan												
3.11	Fan cover												
3.12	Connector												
3.13	Connector box												
3.14	Capacitor												

3.15	Kit set												
3.16	Fan belt												
3.17	Fan pulley												
3.18	Clutch unit												
3.19	Mounting leg												
3.20	Terminal Box												
Sum of Average Values =													
Sl. No	Description of Items	1.0 HP (Fresh water)	5.0 HP (Fresh water)	6.0 HP (Fresh water)	7.5 HP (non-clog)	X	X	X	X	X	X	X	
4. SUBMERSIBLE PUMP SET (in Rs.)													
4.1	Lifting of pump motor set and accessories.												
4.2	Installation of pump motor set and accessories.												
4.3	Cable jointing												
Sum of Average Values =													
5. REPLACEMENT OF ITEM OF SLUICE VALVE & NON RETURN VALVE (in Rs.)													
SLUICE VALVE													
Sl. No	Description of Items	Up to 2" dia	2.1" to 4" dia	4.1" to 5" dia	X	X	X	X	X	X	X	X	
5.1	Spindle GM												
5.2	Spindle SS												
5.3	Nut GM												
5.4	Nut SS												
5.5	Guide												
5.6	Seat												
NON RETRUN VALVE													
5.7	Flap												
5.8	Flap holding rod												
5.9	Side adjusting screw												
Sum of Average Values =													
6. REPLACEMENT OF MAIN SWITCH (in Rs.)													
Sl. No	Description of Items	0.5 HP	1 HP	2 HP	3 HP	5 HP	6 HP	7.5 HP	10 HP	12.5 HP	20 HP	40 HP	
6.1	Complete Unit												
Sum of Average Values =													
7 REPLACEMENT OF ITEM OF STARTER (in Rs.)													
Sl No.	Description of Item	3 HP	5 HP	6 HP	7.5 HP	10 HP	12.5 HP	20 HP	40 HP	X	X	X	
7.1	Main coil												
7.2	Auxiliary coil												
7.3	Over load relay												
7.4	Star coil												
7.5	Delta coil												

7.6	Total Panel Board												
7.7	Single Phase Preventer												
7.8	Timer clock												
7.9	Connector												
Sum of Average Values =													
8. MONOBLOCK PUMP MOTOR SET (in Rs.)													
Sl No.	Description of Item	0.5 HP (Fresh water)	1 HP (Fresh water)	3 HP (Fresh water)	7.5 HP (Fresh water)	X	X	X	X	X	X	X	
8.1	Volute casing												
8.2	Adaptor												
8.3	End cover												
8.4	Suction flange												
8.5	Delivery flange												
8.6	Non return valve												
8.7	Mechanical seal												
8.8	Circlip												
8.9	Impeller												
8.10	Key												
8.11	'O' ring												
8.12	Cooling fan												
8.13	Cooling fan cover												
8.14	Terminal cover												
8.15	Terminal block												
8.16	Capacitor												
8.17	Wound stator												
8.18	Motor body												
8.19	Rotor with shaft												
8.20	Water deflector												
8.21	Tie rod												
8.22	Wavy washer												
8.23	Vent plug – ¼" BSP												
8.24	Vent plug washer												
8.25	1" BSP threaded plug												
8.26	Moulded chord wire												
Sum of Average Values =													

NOTE:

1. Evaluation will be done on the basis of the all inclusive Grand Total offered price for the entire work as per the Bill of Quantities.
2. Online Quoted Price of Sl.No. 1 & 2 of BOQ shall be lump-sum and Sl.No. 3 of BOQ shall be average cost.
 1. The quoted price should be inclusive of all taxes and duties except Service Tax. Service Tax would be paid extra as applicable.
 2. For the Sl. No.3 in BOQ cost of each item to be filled up in the Price Bid page Online.
5. Price should be quoted in Indian Rupee Currency.

Signature with date of the Tenderer :

Name and Designation with Seal of the Tenderer.....

Address :

Annexure-F

[DOCUMENT TO BE DOWNLOADED, FILLED IN UNDER BIDDER'S LETTERHEAD, SIGNED, SCANNED AND UPLOADED]

e-Tender No. KoPT/Kolkata Dock System/CME/16/17-18/ET/160

Profile of the Tenderer

1. (a) Name:
(b) Country of incorporation:
(c) Address of the corporate headquarters and its branch office(s), if any in India:.....
(d) Date of incorporation and commencement of business:

2. Brief description of the Company including details of its main lines of business and proposed role and responsibilities in connection with implementation of the tender.

3. Details of individual(s) of the Tenderer who will serve as the point of contact/communication with KoPT.
 - (a) Name:
 - (b) Designation:
 - (c) Company:
 - (d) Address:
 - (e) Telephone Number (land & Mobile):
 - (f) E-Mail Address:
 - (g) Fax Number:

4. Details of the Authorised Signatory of the Tenderer:
 - (a) Name:
 - (b) Designation:
 - (c) Company:
 - (d) Address:
 - (e) Telephone Number (land & Mobile):
 - (f) E-Mail Address:
 - (g) Fax Number:

Signature of Tenderer.....

Name:

Designation:

Date :

Seal:

e-Tender No. KoPT/Kolkata Dock System/CME/16/17-18/ET/160

**[DOCUMENT TO BE DOWNLOADED, FILLED IN UNDER BIDDER'S LETTERHEAD, SIGNED, SCANNED AND
UPLOADED]**

Covering Letter

Ref. No.....

Date

The Chief Mechanical Engineer,
Kolkata Port Trust,
Mechanical and Electrical Engineering Department,
8, Garden Reach Road,
Kolkata – 700 043

Dear Sir,

1. We,(Name of Tenderer) having examined the Tender Document and understood its contents, hereby submit our Tender for
(NIT No. KoPT/KDS/Mech/SP-I/ADV/..... dated. and confirm that we unconditionally accept all the terms and conditions of the same including the Addendum (if issued).

2. All information and proofs provided in the Tender including Addendum and in the Appendices are true and correct and all documents accompanying such tender are true copies of their respective originals.

3. We shall make available to Kolkata Port Trust (hereinafter referred to as KoPT) any additional information it may find necessary or require to supplement or authenticate the Tender.

4. We,(Name of Tenderer) hereby undertake that we will abide by the decisions of KoPT in the matter of examination, evaluation and selection of Successful Tenderer and shall refrain from challenging or questioning any decision taken by KoPT in this regard. We further acknowledge the right of KoPT to reject our tender without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever.

5. We also certify the following

(a) We have not been debarred by the Central/State Govt. or any entity controlled by them or any other legal authority from participating in any Tender/Contract/Agreement of whatever kind

(b) We have also not been expelled from any project or contract nor have had any contract terminated for breach in the last 3 years ending on the date of opening of the techno commercial part of the tender.

6. We declare that:

(a) We have examined and have no reservations to the Tender Document, including the Addendum, if any, issued by KoPT thereon.

(b) We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any corrupt, fraudulent or coercive practices to influence the evaluation process of the tender.

7. We understand that KoPT reserves the right to accept or reject any tender and to annul the tendering process and reject all tenders at any time without any liability or any obligation for such acceptance, rejection or annulment without assigning any reason thereof.

Yours faithfully,

Signature of Tenderer.....

Name:

Designation:

Date :

Seal of the tenderer.....

ANNEXURE - H

e-Tender No. KoPT/Kolkata Dock System/CME/16/17-18/ET/160

(On Non-judicial Stamp Paper worth Rs.10/-)

BEFORE THE 1st CLASS JUDICIAL MAGISTRATE AT

AFFIDAVIT

I.....son ofaged about years, by
faith.....by occupation.....,residing at....., do hereby
solemnly affirm and declare as follows :

1. THAT I am the proprietor/partner of Having office
at..... and carrying on business on the said name and style. (In case the
above Deponent is an enlisted Contractor at Kolkata Port Trust, the same should be mentioned in the affidavit).

2. THAT my aforesaid Firm is exempted from E.S.I. Act and the said Firm has no valid E.S.I. Registration.

3. THAT the present affidavit is to be filed before the Kolkata Port Trust as per the Clause No.
..... of the Tender No. issued by the Kolkata Port
Trust in respect of the work(the work is to be mentioned).....

THAT the statements made above are all true to the best of my knowledge and belief.

DEPONENT

Identified by me.

ANNEXURE - I

e-Tender No. KoPT/Kolkata Dock System/CME/16/17-18/ET/160

INDEMNITY BOND
(On Non-Judicial Stamp Paper worth Rs.50/-)

BY THIS BOND I, Shri/Smt., son of Shri/Smt.
..... residing at
.....
..... By occupation The Partner /Proprietor
/Director..... having office at, am a tenderer under
Mechanical Engineering Department, Kolkata Port Trust (A Statutory Body under MPT Act, 1963).

2. WHEREAS, the said Kolkata Port Trust had asked the every tenderer, who is not covered under E.S.I. Act or exempted to furnish an Indemnity Bond in favour of Mechanical Engineering Department, Kolkata Port Trust against all damages and accidents to the Labourer/Tenderer/Contractor.

3. NOW THIS BOND OF INDEMNITY WITNESSETH THAT the Tenderer/Contractor named herein above shall indemnify the Kolkata Port Trust against all damages and accidents occurring to the Labourers of the Tenderer/Contractor as demanded by the Kolkata Port Trust and which shall be legal an/or claimed by the Kolkata Port Trust during the execution of the work stated in the NIT No. of
.....

4. AND the Contractor hereunder agrees to indemnify and at all times keep indemnified the Kolkata Port Trust and its administrator and representative and also all such possible claim or demand for damages and accidents.

IN WITNESS WHEREOF I,, the Partner/Proprietor/Director
.....hereto set and seal this day of.....
..... in the yearat

Signature of the Indemnifier

Sureties :

1. Name :
Address :
2. Name :
Address :

(Witness):

Name:
Address:

e-Tender No. KoPT/Kolkata Dock System/CME/16/17-18/ET/160

GENERAL CONDITIONS OF CONTRACT FORMS AND AGREEMENTS

**(SANCTIONED BY TRUSTEES UNDER RESOLUTION NO. 92
OF THE 6TH MEETING HELD ON 27TH MAY, 1993.**

(Copy of Booklet Published on May, 1993)

1. DEFINITIONS

- 1.0. In the contract, as her-in-after defined, the following words and expressions shall have the meaning here-in assigned to them, except where the context otherwise required.
- 1.1. **"Employer"** or "Board" or "Trustees" means the Board of Trustees for the Port of Kolkata, a body corporate under Section 3 of the Major Port Trust Act, 1963, including their successors, representatives and assigns.
- 1.2. **"Chairman"** means the Chairman of the Board and includes the person appointed to act in his place under Sections 14 and 14A of the Major Port Trusts Act, 1963.
- 1.3. **"Contractor"** means the person or persons; Firm or Company whose tender /offer has been accepted by the Trustees and includes the Contractor's representative's heirs, successor and assigns, if any permitted by the Board / Chairman.
- 1.4. **"Engineer"** means the Board's official who has invited the tender on its behalf and includes the Chief Engineer, the Chief Mechanical Engineer, the Senior Executive Engineer the Chief Hydraulic Engineer, the Deputy Chief Engineer, the Deputy Chief Mechanical Engineer, the Senior Resident Engineer, The Manager (Infrastructure & Civic Facilities), the Manager (Plant & Equipment) the Deputy Manager (Infrastructure & Civic Facilities) and the Deputy Manager (Plant & Equipment), or other official as may be appointed from time to time by the employer, with written notification to the Contractor, to act as Engineer for the purpose of the contract, in place of the "Engineer" so designated.
- 1.5. **"Engineer's Representative"** means any subordinate Engineer or Assistant to the Engineer or any other official appointed from time to time by the Engineer to perform the duties set forth in Clauses 2.4 to 2.6 hereof.
- 1.6. **"Work"** means the Work to be executed in accordance with the Contract and includes authorized "Extra Works" and "Excess Works" and Temporary Works.
- 1.7. **"Temporary Works"** means all temporary works of every kind required in or about the execution, completion or maintenance of the works and includes (without thereby limiting the foregoing definitions) all temporary erections, scaffolding, ladders, timbering, soaking vats, site offices, cement and other god owns, platforms and bins for stacking building materials, gantries, temporary tracks and roads, temporary culverts and mixing platforms.
- 1.8. **"Extra Works"** means those works required by the Engineer for completion of the Contract which were not specifically and separately included in the schedule of items of works (i.e., Bills of Quantities) of the tender. "Excess Works" means the required quantities of work in excess of the provision made against any item of the Bill of Quantities.
- 1.9. **"Specifications"** means the relevant and appropriate Bureau of Indian Standard's Specifications (latest revisions) for materials and workmanship unless stated otherwise in the Tender.
- 1.10 **"Drawings"** means the drawings referred to in the Tender and specification and any modification of such drawings approved in writing by the Engineer and such other drawings as may from time to time be furnished or approved in writing by the Engineer.
- 1.11 **"Contract"** means and includes the General and Special Conditions of Contract, Specifications, Drawings, priced Bill of Quantities, the Tender/ Offer, the letter of acceptance of the Tender/Offer, the Contract Agreement if separately entered into and the Schedule of Rates and Price, if any, adopted by the Trustees at their discretion.
- 1.12 **"Constructional Plant"** means all appliances or things of whatsoever nature required in or about the execution, completion or maintenance of the works or temporary works and includes (without thereby limiting the foregoing

definition) all machinery and tools but does not include materials or other things intended to form or forming part of the permanent work.

1.13 "**Site**" means the land and other places, on, under, in or through which the works are to be executed or carried out and any other lands or places provided by the Trustees for the purpose of the Contract.

1.14 "**Contract Price**" means the sum named in the letter of acceptance of the Tender/ Offer of the Contractor, subject to such additions thereto and deduction there from as may be made by the Engineer under the provisions here-in-after contained.

1.15 "**Month**" means English Calendar Month.

1.16 "**Excepted risks**" are riot in so far as it is uninsurable, war, invasion, act of foreign enemies, hostilities (whether war be declared or not) Civil War, rebellion, revolution, insurrection or military or usurped power or use or occupation by the Trustees of any portion of the works in respect of which a certificate of completion has been issued (all of which are herein collectively referred to as the excepted risks)

1.17 Word importing the **singular** only, also includes the **plural** and vice-versa where the context so required.

1.18 The **headings and marginal notes** in these General Conditions of Contract shall not be deemed to be part thereof or be taken into consideration in the interpretation or construction thereof or of the contract.

1.19 Unless otherwise stipulated the word "Cost" shall be deemed to include overhead costs of the contractor, whether on or off the site.

2. DUTIES & POWERS OF ENGINEER & ENGINEER'S REPRESENTATIVE

2.1. The Contractor shall execute, complete and maintain the works in terms of the contract to the entire satisfaction of the Engineer and shall comply with the Engineer's direction on any matter whatsoever.

2.2. The Contractor shall take instructions from the Engineer and subject to limitation of Clause 2.5 herein, from the Engineer's Representative

2.3. The Engineer shall have full power and authority

- (a) to supply to the contractor from time to time during the progress of the works such further drawings and instructions as shall be necessary for the purpose of proper and adequate execution and maintenance of the works and the contractor shall carry out and be bound by the same.
- (b) to alter or modify the specification of any material and workmanship and to inspect the work at any time.
- (c) to order for any variation, alternation and modification of the work and for extra works.
- (d) to issue certificates as per contract
- (e) to settle the claims & disputes of the Contractor and Trustees, as the first referee.
- (f) to grant extension of completion time.

2.4. The Engineer's representative shall:

- (a) watch and supervise the works,
- (b) test and examine any material to be used or workmanship employed in connection with the work.
- (c) have power to disapprove and material and workmanship not in accordance with the contract and the contractor shall comply with his direction in this regard.
- (d) take measurements of work done by the contractor for the purpose of payment or otherwise.
- (e) order demolition of defectively done work for its reconstruction all by the Contractor at his own expense,
- (f) have powers to issue alteration order not implying modification design and extension of completion time of the work and
- (g) have such other powers and authorities vested in the Engineer, which have been delegated to him in writing by the Engineer under intimation to the Contractor.

2.5. Provided always that the Engineer's Representative shall have no power:

- (a) to order any work involving delay or any extra payment by the Trustees,
- (b) to make variation of or in the works and
- (c) to relieve the Contractor of any of his duties or obligations under the Contract.

2.6. Provided also as follows:

- (a) Failure of Engineer's Representative to disapprove any work or materials shall not prejudice the power of the Engineer thereafter to disapprove such work or materials and to order the pulling down, removal,

braking-up thereof and re-construction at the contractor's cost and the contractor shall have no claim to compensation for the loss sustained by him.

- (b) If the contractor shall be dissatisfied by reason of any decision of the Engineer's Representative, he shall be entitled to refer the matter to the Engineer who shall thereupon confirm, reverse or vary such decision.
- (c) Any written instructions or written approval given by the Engineer's Representative to the contractor, within the terms of delegation of power and authority vested in Engineer to his Representative in writing shall bind the contractor and the Trustees as though it had been given by the Engineer, who may from time to time make such delegation. Contractor and the Trustees as though it had been given by the Engineer, who may from time to time, make such delegation.

3. THE TENDER / OFFER AND ITS PRE-REQUISITES

3.1. The Contractor shall, before making out and submitting his tender / offer be deemed to have inspected and examined the site, fully consider all factors, risks and contingencies, which will have direct and in direct impact on his expenses and profit from the work and shall be specifically deemed to have taken the following aspects into consideration:

- (a) The form and nature of the site and its surroundings including their sub-surface, hydrological, tidal and climate conditions, the means of access to the site and all other local conditions including the likely charges and costs for temporary way-leave, if any, required for the work.
- (b) The drawings, specifications, the nature and extent of work to be executed and the quality, quantity and availability of the required materials and labour for the work and the need to execute the work to the entire satisfaction of the Engineer, and also by complying with the General and Special Conditions of Contract.
- (c) The accommodation required for the workmen and site office, mobilization / demobilization and storage of all plant, equipment and Construction materials.
- (d) The sources and means of procurement of water for drinking, washing and execution of work, and source and availability of electrical power, all of Contractor's cost.
- (e) Payment of taxes and duties and compliance of all applicable statutes, ordinances and law together with the rules made there under, the rules, regulations and bye-laws of public bodies or any local or other authority by the Contractor, keeping the Trustees indemnified against penalties and liabilities of every kind arising from the Contractor's failure in such compliance.
- (f) Payment of all kinds of stamp-duty for exacting the agreement or for any legal instrument including Bank Guarantees and Indemnity Bonds.

3.2. The Contractor's tender shall be in ink on the Tender Forms supplied by the Trustees, unless stipulated otherwise in the Notice-Inviting the Tender and shall be faultless in figures and free from erasing. Corrections, if any, shall only be made by scoring out and initialling of the revised figure.

3.3. If required by the Engineer or the Trustees, the Contractors in their tender or subsequently, shall disclose the names of their owners/partners/Share Holders at the required points of time. The failure in this regard shall be treated as a breach and a contract, if entered into, shall be liable to be cancelled.

3.4.

- (a) Unless other wise stipulated in the Notice Inviting the Tender/Offer, every tender must be submitted with Earnest Money of the amount calculated as per the following scale.

Estimated Value	Amount of Earnest Money	
	For works contract.	For contract of supplying materials of equipment only
Up to Rs.1,00,000/-	5% of the estimated value of work	1% of the estimated value of work.
Over Rs. 1,00,000/-	2% of the estimated value of work subject to a maximum of Rs.20,000/- and minimum of Rs. 5,000/-	1/2% of the estimated value of work subject to a maximum of Rs. 10,000/- and minimum of Rs. 1,000/-

- (b) Earnest Money shall be deposited with Trustees' treasurer in cash or by Banker's Cheque of any Kolkata Branch of a Nationalized Bank of India drawn in favour of Kolkata Port Trust or in the form of an "Kolkata Port Trust" and payable at Kolkata / Haldia Holding as the case may be and the receipt granted there for be kept attached to the Tender / offer in the Sealed Cover.
- (c) Earnest Money of un-accepted tender shall be refunded without any interest through A/c. Payee Cheque drawn on a Nationalized Bank of Kolkata / Haldia.
- (d) The enlisted (registered) Contractors of the Trustees, who have deposited fixed Security with the Trustees FA & CAO / Manager (Finance) according to his Class of Registration, shall be exempt from depositing the Earnest Money, as per the following scale:

Class of Registration	Amount of Fixed Security	Financial limit of each tender
A	Rs. 10,000/-	Any tender priced up to Rs. 2,00,000/-
B	Rs. 5,000/-	Any tender priced up to Rs.1,00,000/-
C	Rs. 2,500/-	Any tender priced up to Rs. 50,000/-

- (e)
- (i) Tender submitted without requisite Earnest Money may be liable to rejection.
- (ii) If before expiry of the validity period of his Tender / offer, the tender amends his quoted rates or tender/ offer making them unacceptable to the Trustees and / or withdraws his tender / offer, the Earnest Money deposited shall be liable to forfeiture of the option of the Trustees.
- (f) The Earnest Money of accepted Tender / offer shall be retained by the Trustees as part of the Security Deposit, for which a separate Treasury Receipt shall be issued to the Contractor after cancellation of the previous Receipt of Earnest Money.
- (g) Balance security for works contract shall be recovered by deduction from all progressive Bill (including final Bill, if necessary) @ 10% of the gross value of work in each such bill, so that the total recovery may not exceed the quantum computed as per the under noted percentages of the total value of work actually done up to the stage of completion.

Value of Work	% of Security Deposit for works contract	% of Security Deposit for Contract of supplying materials and equipments only
For works up to Rs. 10,00,000/-	10% (Ten percent)	1% (One percent)
For works costing more than Rs.10,00,000/- and up to Rs.20,00,000/-	10% on first Rs. 10,00,000/- + 7½% on the balance	1% on first Rs.10,00,000/- ½% on the balance
For works costing more than Rs.20,00,000/-	10% on first Rs. 10,00,000/- + 7 ½% on next Rs.10,00,000/-+ 5% on the balance	1% on first Rs.10,00,000/-+1½% on next Rs.10,00,000/-+ ¼% on the balance

- (h) Balance Security for Contract of supplying materials and equipment computed in terms of the percentages given above, shall have to be deposited with the trustees' Treasurer in advance and within 30 days from the date of placement of supply order, either in cash or by A/c. Payee Draft of a Nationalized Bank of India drawn in favour of Kolkata Port Trust and payable at Kolkata / Haldia, as the case may be.

- (i) No interest shall be paid by the trustees to the Tenderer / Contractor on the amount of Earnest Money / Security Deposit held by the Trustees, at any stage.

3.5.

(i) The Security Deposit shall be refunded to the Contractor in terms of Clause 9.3 hereinafter and subject to deduction, if any, under the provision of Sub-Clause 3.5(ii) herein below. If, however, the contract provides for any maintenance period, 50% of the Security Deposit may be refunded against any of the Treasury Receipt for that amount on expiry of half of the maintenance period and the balance deposit on the said maintenance period and after the Engineer has certified the final completion of work in form G.C.2 and the Contractor has submitted his "No Claim" Certificate in form G.C.3.

(ii) The Security Deposit/Earnest Money may be liable to forfeiture at the option of the Trustees, if the Contractor fails to carry out the work or to perform/observe any of the conditions of the contract. The Trustees shall also be at liberty to deduct any of their dues from the Security Deposit, fixed Security, Earnest Money or from any sum due or to become due to the Contractor under any other contract.

- 3.6. If stipulated in the contract as a Special Condition, the Contractor shall have to submit to the Engineer a performance Bond in the form of an irrevocable guarantee from Kolkata/Haldia Branch, as the case may be, of any Nationalized Bank of India in the proforma annexed hereto and for the sum and period as mentioned in the letter of acceptance of the Tender/Offer, within 15 days from the date of such letter, failing which the contract shall be liable to be terminated and the Earnest Money are liable to forfeiture; all at discretion of the Engineer. The cost of obtaining this or any other Bank Guarantee and/or the revalidation thereof, wherever required, has to be borne by the Contractor and it shall be his sole responsibility to arrange for timely revalidation of such bank guarantee, failing which and for non-fulfillment of any contractual obligation by the Contractor, the Engineer and/or the Trustees shall be at liberty to raise claim against the Guarantee and/or enforce the same unilaterally.

4. THE CONTRACT & GENERAL OBLIGATIONS OF CONTRACTOR

4.1.

- (a) The contract documents shall be drawn-up in English language.
- (b) The contract shall be governed by all relevant Indian Acts as applicable only within the jurisdiction of the High Court at Kolkata, India, including the following Act:
 - 1. The Indian Contract Act, 1872.
 - 2. The Major Port Trust, Act, 1963.
 - 3. The Workmen's Compensation Act, 1923.
 - 4. The Minimum Wages Act, 1948.
 - 5. The Contract Labour (Regulation & Abolition) Act, 1970.
 - 6. The Dock Workers' Act, 1948.
 - 7. The Indian Arbitration Act (1940) (in the case of a definite arbitration Agreement only).

- 4.2. After acceptance of his Tender / Offer and when called upon to do so by the Engineer or his representative, the Contractor shall, at his own expense, enter into and execute a Contract Agreement to be prepared by him in the form annexed hereto. Until such Contract Agreement is executed the other documents referred to in the definition of the term "Contract" here-in-before shall collectively be the Contract.

- 4.3. Several documents forming the contract are to be taken as mutually explanatory of one another. Should there be any discrepancy, ambiguity, omission or error in the various contract documents, the Engineer shall have the power to correct the same and his decision shall be final and binding on the parties to the Contract.

- 4.4. Two copies of the Drawing referred to in the General and Special Conditions of Contract and in the Bill of Quantities, shall be furnished by the Engineer to the Contractors free of cost for his use on the work, but these shall remain the property of the Trustees and hence, the Contractor shall return them to the Engineer or his Representative on completion of the work. if not torn or mutilated on being regularly used at site.

- 4.5. The Contractor shall prove and make at his own expense any working or progress drawings required by him or necessary for the proper execution of the works and shall, when required, furnish copies of the same free of cost to the Engineer for his information and/ or approval, without meaning thereby the shifting of Contractor's responsibility on the engineer in any way whatsoever.

- 4.6. The Contractor shall not directly or indirectly transfer, assign or sublet the Contract or any part thereof without the written permission of the engineer. Even if such permission be granted, the Contractor shall remain responsible (a) for the acts, defaults and neglect of any sub-contractor, his agents servants or workmen as fully as if these were the acts, defaults or neglects of the Contractor himself or his agents, servants or workmen, and (b) for his full and entire responsibility of the contract and for active superintendence of the works by him despite being sublet, provided always that the provision of labourers on a "piece rate" basis shall not be deemed to be subletting under this clause.
- 4.7. Unless otherwise specified, the Contractor shall be deemed to have included in his Tender / Offer all his cost for supplying and providing all constructional plant, temporary work, materials both for temporary and permanent works, labour including supervision thereof transporting to and from the site and in and about the work, including loading, unloading, fencing, watching, lighting, payment of fees, taxes and duties to the appropriate authorities and other things of every kind required for the construction, erection, completion and maintenance of the work.
- 4.8. The Contractor shall be solely responsible for the adequacy, stability and safety of all site operations and methods of construction, even if any prior approval thereto has been taken from the Engineer or his Representative. The Contractor shall not be responsible for the correctness of the design or specification of the Temporary and Permanent works formulated by the Engineer; but the contractor shall be fully responsible for the correct implementation thereof as also for any design and specification prepared / proposed / used by the Contractor.
- 4.9. Whenever required by the Engineer or his Representative, the Contractor shall submit to him the details of his (a) programme for execution of the work, (b) proposed procedure and methods of work, (c) proposed deployment of plant, equipment labour, materials and temporary works. The submission to and/ or any approval by the Engineer or his Representative to any such programme or particulars, shall not relieve the Contractor of any of his obligations under the contract. If for any reason the contractor be unable to adhere to his earlier programme, he shall submit his revised programme for completion of work within the stipulated time whenever asked to do so.
- 4.10. Necessary and adequate supervision shall be provided by the Contractor during execution of the works and as long thereafter as the Engineer or his Representative shall consider necessary during the maintenance period. The Contractor or his competent and authorised agent or representative shall be constantly at site and instructions given to him by the Engineer or his Representative in writing shall be binding upon the Contractor subject to limitation in clause 2.5 hereof. The Contractor shall inform the Engineer or his Representative in writing about such representative/agent of him at site.
- 4.11. The Contractor shall employ in execution of the Contract only qualified, careful and experienced persons and the Engineer shall be at liberty to direct the Contractor to stop deployment of any of his staff, workmen or official at site and the Contractor shall within 48 hours comply with such instruction without any demur, whenever the Engineer shall feel that the deployment of the person concerned will not be conducive to the proper and timely completion of the work.
- 4.12. The Contractor shall be responsible for the true and proper setting-out of the works in relation to reference points/lines/levels given by the Engineer in writing. The checking of any setting-out or of any alignment or level by the Engineer or his Representative shall not in any way relieve the contractor of his responsibility for the correctness thereof and he shall fully provide, protect and preserve all stakes, templates, bench marks, sight rails, pegs, level marks, profile marks and other things used in setting-out the works.
- 4.13. From the commencement of the works till issue of the completion certificate in Form G.C.1, vide Clause 5.12 hereof, the contractor shall take full responsibility for the care thereof. Save for the excepted risks, any damage, loss or injury to the work or any part thereof shall be made good by the Contractor at his down cost as per instruction and to the satisfaction of the Engineer, failing which the Engineer or his Representative may cause the same to be made good by any other agency and the expenses incurred and certified by the Engineer, shall be recoverable from the Contractor in whatever manner the Engineer shall deem proper. This Clause will not apply to that part of the work, which might have been taken over by the Trustees on partial completion of the work and in such case the Contractor's obligation will be limited to repairs and replacement for manufacturing or construction defects during the Maintenance period (Guarantee Period) as per the directions of the Engineer as also for defects/ damages if any caused to the work by the Contractor during such repairs and replacement in the maintenance period.

- 4.14. The Contractor shall at his own cost protect, support and take all precautions in regard to the personnel or structure or services or properties belonging to the Trustees or not, which may be interfered with or affected or disturbed or endangered and shall indemnify and keep indemnified the Trustees against claim for injury, loss or damage caused by the Contractor in connection with the execution and maintenance of the work to the aforesaid properties, structures and services and/ or to any person including the Contractor's workmen. Cost of Insurance Cover, if any, taken by the Contractor shall not be reimbursed by the Trustees, unless otherwise stipulated in the Contract.
- 4.15. The Contractor shall immediately inform the Engineer's Representative if any fossil, coins, articles of value or antiquity and structures and other remains or things of geological or archaeological importance be discovered at site which shall remain the property of the Trustees and protect them from being damaged by his workmen and arrange for disposal of them at the Trustees expense as per the instruction of the Engineer's Representative.
- 4.16. The Contractor shall be deemed to have indemnified the Trustees against all claims, demands, actions and proceedings and all costs arising there from on account of:
- (a) Infringement of any patent right, design, trade-mark, or name or other protected right, in connection with the works or temporary work.
 - (b) Payment of all royalties, rent, toll charges, local taxes, other payments or compensation, if any, for getting all materials and equipment required for the work.
 - (c) Unauthorized obstruction or nuisance caused by the Contractor in respect of Public or Private road, railway tracks, footpaths, crane tracks, waterways, quays and other properties belonging to the Trustees or any other person.
 - (d) Damage / injury caused to any highway and bridge on account of the movement of Contractor's plants and materials in connection with the work
 - (e) Pollution of waterway and damage caused to river, lock, sea-wall or other structure related to waterway, in transporting contractor's plants and materials.
 - (f) The Contractor's default in affording all reasonable facilities and accommodation as per the direction of the Engineer or his Representative to the workmen of the Trustees and other agencies employed by or with the permission and / or knowledge of the Trustees on or near the site of work.
- 4.17. Debris and materials, if obtained by demolishing any properly, building or structure in terms of the Contract shall remain the property of the Trustees.
- 4.18. The Contractor's quoted rates shall be deemed to have been inclusive of the following:
- (a) Keeping the site free of unnecessary obstruction and removal from site of constructional plant wreckage, rubbish, surplus earth or temporary works no longer required.
 - (b) Cleaning and removal from site all the surplus materials of every kind to leave the site clean and tidy after completion of the work, without which payment against final bill may be liable to be withheld.
 - (c) Precautionary measures to secure efficient protection of Docks, the River Hooghly and other waterways against pollution of whatever nature during execution and maintenance of the works, and to prevent rubbish, refuse and other materials from being thrown into the water by the Contractor's men or those of his agency.
 - (d) Making arrangements for deployment of all labourers and workers, local or otherwise including payment for their wages, transport, accommodation, medical and all other statutory benefits and entry permits, wherever necessary.
 - (e) Making arrangements in or around the site, as per the requirements of Kolkata Municipal Corporation or other local authority or the Engineer or his Representative, for preventing (i) spread of any infectious disease like smallpox, cholera, plague or malaria by taking effective actions for destruction of rats, mice, vermin, mosquitoes etc. and by maintaining healthy and sanitary condition, (ii) illegal storage and distribution of Drugs, Narcotics, Alcoholic liquor, Arms and Ammunitions, (iii) unlawful, riotous or disorderly conduct of the Contractor's or his Sub-Contractor's workmen, (iv) deployment of workmen of age less than 16 years.
- 4.19. Every direction or notice to be given to the Contractor shall be deemed to have been duly served on or received by the Contractor, if the same is posted or sent by hand to the address given in the tender or to the

Contractor's Site Office or in case of Trustee's enlisted Contractor to the address as appearing in the trustee's Register or to the Registered Office of the Contractor. The time mentioned in these conditions for doing any act after direction or notice shall be reckoned from the time of such posting or dispatch.

- 4.20. The Contractor and his sub-contractor or their agents and men and any firm supplying plant, materials, and equipment shall not publish or caused to be published any photographs or description of the works without the prior authority of the Engineer in writing.
- 4.21. The Contractor shall, at the Trustees' cost to be decided by the Engineer, render all reasonable facilities and Co-operation as per direction of the Engineer or his representative to any other Contractor engaged by the Trustees and their workmen, to the Trustees' own staff and to the men of other Public Body on or near the site of work and in default, the contractor shall be liable to the trustees for any delay or expense incurred by reason of such default.
- 4.22. The work has to be carried out by the Contractor causing the minimum of hindrance for any maritime traffic or surface traffic.
- 4.23. All constructional plants, temporary works and materials when brought to the site by the contractor, shall be deemed to be the property of the Trustees who will have a lien on the same until the satisfactory completion of the work and shall only be removed from the site in part or in full with the written permission of the Engineer or his Representative.

5. COMMENCEMENT, EXECUTION AND COMPLETION OF WORK

- 5.1. The contractor shall commence the work within 7 days of the receipt of Engineer's letter informing acceptance of the Contractor's tender / offer by the Trustees or within such preliminary time as mentioned by the contractor in the Form of Tender or the time accepted by the Trustees. The contractor shall then proceed with the work with due expedition and without delay, except as may be expressly sanctioned or ordered by the Engineer or his Representatives, time being deemed the essence of the contract on the part of the Contractor.
- 5.2. The Contractor shall provide and maintain a suitable office at or near the site, to which the Engineer's Representative may send communications and instructions for use of the Contractor.
- 5.3. Unless specified otherwise in the contract or prior permission of the Engineer has been taken, the contractor shall not execute the work beyond the working hours observed by the Engineer's Representative and on Sundays and Holidays observed in the trustees system, except in so far as it becomes essential on account of tidal work or for safety of the work. If the progress of the work lags behind schedule or the work has been endangered by any act or neglect on the part of the contractor, then the Engineer or his Representative shall order and the contractor at his own expense shall work by day and by night and on Sundays and Public Holidays. Any failure of the Engineer or his Representative to pass such an order shall not relieve the contractor from any of his obligations. The Engineer's decision in this regard shall be final, binding and conclusive.
- 5.4. Unless stipulated otherwise in the contract, all materials required for the work shall be procured and supplied by the contractor with the approval of the Engineer or his Representative and subject to subsequent testing as may be required by the Engineer or his Representative. The engineer shall exercise his sole discretion to accept any such materials.
- 5.5. Unless stipulated otherwise, in the contract, all materials, workmanship method of measurement shall be in accordance with the relevant Codes (Latest Revision) of the Bureau of Indian Standards and the written instructions of the Engineer or his Representative. Where no specific reference is available in the contract, the materials and workmanship shall be of the best of their respective kinds to the satisfaction of the Engineer.
- 5.6. Samples shall be prepared and submitted for approval of the Engineer or his Representative, whenever required to do so, all at the contractor's cost.
- 5.7. Unless stipulated otherwise in the contract, the cost of any test required by the Engineer or his representative in respect of materials and workmanship deployed on the work shall be borne by the contractor.
- 5.8. Regarding the supply of any materials by the Trustees to the contractor in accordance with the contract, the following conditions shall apply:
 - (a) The contractor shall, at his own expense, arrange for transporting the materials from the Trustees' Stores, watching, storing and keeping them in his safe custody, furnishing of statement of consumption thereof in

the manner required by the Engineer or his representative, return of surplus and empty container to the Trustees' Stores as per the direction of the Engineer or his Representative.

- (b) Being the custodian of the Trustees' materials, the contractor shall remain solely responsible for any such materials issued to him and for any loss or damage thereof for any reason other than "Excepted Risks", the contractor shall compensate the Trustees' in the manner decided by the Engineer and shall at no stage remove or cause to be removed any such material from the site without his permission.
- (c) The Trustees' materials will generally be supplied in stages and in accordance with the rate of progress of work, but, except for grant of suitable extension of completion time of work as decided by the Engineer, the contractor shall not be entitled to any other compensation, monetary or otherwise, for any delay in the supply of Trustees' materials to him. The Contractor shall, however communicate his requirement of such materials to the Engineer from time to time.
- (d) Unless stipulated otherwise in the contract, the value of the Trustees' materials issued to the contractor shall be recovered from the Contractor's bills and / any of his other dues. Progressively according to the consumption thereof on the work and / or in the manner decided by the Engineer or his Representative and at the rate / stipulated in the contract. These rates shall only be considered by the contractor in the preparation of his tender / offer and these will form the basis of escalation / variation, if in future the contractor is required to procure and provide any such material on the written order of the Engineer consequent on the Trustees' failure to effect timely supply thereof.
- (e) If the Engineer decides that due to the contractor's negligence, and of the Trustees' materials issued to the contractor has been – (i) lost or damaged, (ii) consumed in excess of requirement, and (iii) wasted by the contractor in excess of normal wastage, then the value thereof shall be recovered from the contractor's bills or from any of his other dues, after adding 19 ¼% extra over the higher one of the followings—
 - 1. The issue rate of the materials at the Trustees' Stores, and
 - 2. The market price of the material on the date of issue as would be determined by the Engineer.

5.9. The Engineer or his Representative shall have the power to inspect any material and work at any time and to order at any time – (i) for removal from the site of any material which in his opinion is not in accordance with the contract or the instruction of the Engineer or his Representative, (ii) for the substitution of the proper and suitable materials, or (iii) the removal and proper re-execution of any work, which in respect of material and workmanship is not in accordance with the contract or the instructions of the Engineer. The contractor shall comply with such order at his own expense- and within the time specified in the order. If the contractor fails to comply, the Engineer shall be at liberty to dispose of such materials and re-do any work in the manner convenient to the Trustees by engaging any outside agency at the risk and expense of the contractor and after giving him a written prior notice of 7 days.

5.10. No work shall be covered up and put out of view by the contractor without approval of the Engineer or his Representative and whenever required by him the contractor shall uncover any part or parts of the work or make openings in or through the same as may be directed by the Engineer or his Representative from time to time and shall reinstate or make good those part of works thus affected to the satisfaction of the Engineer, all at the cost of the contractor. The Trustees shall reimburse such cost as determined by the Engineer, if the initial covering up was with prior written order of the Engineer or his Representative.

5.11. On a written order of the Engineer or his Representative the contractor shall delay or suspend the progress of the work till such time the written order to resume the execution is received by him. During such suspension the contractor shall protect and secure the work to the satisfaction of the Engineer or his Representative. All extra expenses in giving effect to such order shall be considered by the Trustees, unless such suspension is

- 1. Otherwise provide for in the contract, or
- 2. Necessary by reason of some default on the part of the Contractor, or
- 3. Necessary by reason of climatic conditions on the site, or
- 4. Necessary for proper execution of the works or for the safety of the works or any part thereof. The Engineer shall settle and determine such extra payment and / or Extension of completion time to be allowed to the contractor, as shall, in the opinion of the Engineer, be fair and reasonable.

If at any time before or after commencement of the work the Trustees do not require the whole of the work tendered for, the Engineer shall notify the same to the contractor in writing and the contractor shall stop further works in compliance of the same. The Contractor shall not be entitled to any claim for compensation for

underived profit or for such premature stoppage of work or on account of curtailment of the originally intended work by reason of alteration made by the Engineer in the original specifications, drawings, designs and instruction.

- 5.12. When the whole of the work has been completed to the satisfaction of the Engineer and has passed any final test prescribed in the contract, the contractor shall, within 21 days of submission of his application to the Engineer be entitled to receive from him a certificate for completion of work in Form G.C.1 annexed hereto. If any part of the total work having been completed to the satisfaction of the Engineer, be takeover and / or used by the Trustees the Contractor shall on application be entitled to partial completion certificate in the Form of G.C.1 indicating the portion of the work covered by it, so that the Contractor's liability during maintenance period of the contract, if any, shall commence from the date mentioned in such certificate so far as the completed portion of the work is concerned.

6. TERMS OF PAYMENT:

- 6.1. No Sum shall be considered as earned by or due to the Contractor in respect of the work till final and satisfactory completion thereof and until a certificate of final completion in Form G.C.2 has been given by the Engineer. On account payments, if any, made prior to issue of the certificate in Form G.C.2, shall all be treated as mere advances, which shall stand recoverable in full or in part, if the Engineer so decides in the context of Contractor's unfulfilled contract condition, if any.
- 6.2. All payments shall be made to the Contractor on the basis of measurement of actual work done, as recorded in the Trustees' measurement books and at accepted tendered or at agreed rates, as the case may be except as otherwise provided in the contract and when the Engineer decided any other rate for change in the scope of work or omission, if any, on the part of the Contractor.
- 6.3. For work of sanctioned tender value more than Rs. 50,000/- or having an initially stipulated completion period of 4 months or more, on account payments may be made at the discretion of the Engineer or his Representative at intervals deemed suitable and justified by him. Provided always that, subject to execution of work of substantial value in the context of the contract price, the interval of such on account payments shall be decided by the Engineer or his Representative, which shall ordinarily not be less than 1 month in between two payments for on account bill and / or advance.
- 6.4. Measurement for works done shall be progressively taken by the Engineer's Representative and entered in the Trustees' Measurement Book, at intervals deemed suitable and proper by him and / or the Engineer. The Contractor or his duly accredited Representative or Agent shall remain present at the time of such measurement and assist the Engineer's Representative in every manner required by him. After the measurements taken have been entered in the Measurement Book, the Contractor or his Agent shall sign the Measurement Book at the end of such Measurements over the Contractor's Rubber Stamp as a taken of acceptance of all such measurements, recorded above and prior to such signature. If the Contractor or his Agent fails to participate even other 3 days written notice from the Engineer's Representative the measurement shall be taken ex-part by the Engineer's representative and those shall be accepted by the Contractor.
- 6.5. Based on the quantum of work and the value thereof computed in the Measurement Book, the Contractor shall type out his bill in the proforma approved by the Engineer and submit the same to the Engineer's Representative in quadruplicate, duly signed by him or his accredited Agent over his Rubber Stamp. The Engineer or his Representative may, in his absolute discretion, allow advance payment against such bill to the extent of an amount not exceeding 75% of the "net payable" sum of the said bill, subject to adjustment thereof against the bill at the time of checking and auditing the bill at the Trustees end., The measurement Book will not be handed over to the Contractor; but he will obtain the abstracts of quantities, amount and recoveries to type out the bill.
- 6.6. At the discretion of the Engineer or his Representative and only in respect of accepted offers/ where estimated amount put to tender would be Rs. 2,00,000/- or more, advance payment may be made to the extent of 75% of the value of any material purchased and brought to the site by the Contractor. Provided always that -

- i. The materials shall, in the opinion of the Engineer or his Representative, be of imperishable nature.

- ii. The value of such materials shall be assessed by the Engineer or his Representative, at their own discretions,
- iii. A formal agreement has been drawn up with the contractor, under which the Trustees secure a lien on the contractor's materials.
- iv. The materials are safe-guarded by the contractor against losses, shortage and misuse due to the contractor postponing the execution of the work or otherwise,
- v. In the event of shortage of such materials within the Trustees' protected areas in the Docks, the contractor shall submit an indemnity Bond in the proforma and manner acceptable to Trustee' whereby the contractor shall indemnify the Trustees' against all financial loss/ damage, on account of loss/ damage to such materials for whatever reasons.
- vi. In the event of storage of such materials outside the Trustees' protected areas the Contractor shall submit to the Engineer an irrevocable Bank Guarantee favouring the Trustees and for the same sum as is being advance, in the proforma and manner acceptable to the Trustees. The Guarantee shall be of a Kolkata / Haldia Branch of any Nationalised Bank or a Scheduled Commercial bank, as the case may be, acceptable to the Trustees and shall remain valid till the anticipated period of consumption of such materials in the work. The Bank Guarantee must bear an undertaking by the issuing Bank guaranteeing automatic payment of the guaranteed sum to the Trustees by the Bank on the date of expiry of the validity of the Guarantee, unless with the prior written approval of the Engineer on behalf of the Trustees, the Bank has extended the validity of the Guarantee.
- vii. The amount of advance shall be recoverable from the contractor's bills or any other dues, progressively with the consumption of the materials on the basis of quantity consumed. Consequent on full recovery of the advance the Indemnity Bond / Bank Guarantee, vide sub-clause (v) & (vi) above, shall be returned to the Contractor duly discharged by the Engineer on behalf of the Trustees.

- 6.7. No Certificate of the Engineer or his Representative shall protect the Contractor against or prevent the Trustees from obtaining repayment from the Contractor, in case the Engineer or his Representative should over certify for payment or the Trustees should over-pay the Contractor on any account.
- 6.8. No claim for interest shall be admissible to the Contractor at any stage and in respect of any money or balance or Bank Guarantee, which may be due to the Contractor from the Trustees, owing to dispute or otherwise or for any delay on the part of the Trustees in making interim or final payment or otherwise.

7. VARIATION AND ITS VALUATION:

- 7.1. The Quantities set out in the Bill of Quantities of the tender shall be treated as estimated quantities of the work and shall never be deemed as actual or correct quantities of the works to be executed by the contractor in fulfillment of his obligation under the contract.
- 7.2. The Engineer shall have the power to order the Contractor in writing to make any variation of the Quantity, quantity or form of the works or any part thereof that may, in his opinion, be necessary and the Contractor upon receipt of such an order shall act as follows:
 - a) Increase or decrease the quantity of any work included in the contract.
 - b) Omit any work included in the contract.
 - c) Change the Character or quality or kind of any work included in the contract.
 - d) Change the levels, lines, position and dimensions of any part of the work, and
 - e) Execute extra and additional work of any kind necessary for completion of the works.

- 7.3. No such variation shall in any way vitiate or invalidate the contract or be treated as revocation of the contract, but the value (if any) of all such variations evaluated in accordance with the Engineer's sole decision shall be taken into account and the contract price shall be varied accordingly.
- 7.4. Provided always that written order of the Engineer shall not be required for increase or decrease in the quantity of any work up to 15% where such increase or decrease is not the result of any variation order given under this clause but is the result of the quantities exceeding or being less than those stated in the bill of quantities. Provided also that verbal order of variation from the Engineer shall be complied with by the Contractor and the Engineer's subsequent written confirmation of such verbal order shall be deemed to be an order in writing within the meaning of this clause.
- 7.5. a) The Contractor shall not be entitled to any claim of extra or additional work unless they have been carried out under the written orders of the Engineer.
- b) The Engineer shall solely determine the amount (if any) to be added to or deducted from the sum named in the tender in respect of any extra work done or work omitted by his order.
- c) All extra, additional or substituted work done or work omitted by order of the Engineer shall be valued on the basis of the rates and prices set out in the contract, if in the opinion of the Engineer, the same shall be applicable. If the contract does not contain any rates or prices directly applicable to the extra additional or substituted work, then the Engineer may decide the suitable rates on the basis of Schedule of Rates (including surcharge in force at the time of acceptance of tender), if any, adopted by the Trustees with due regard to the accepted contractual percentage, if any thereon. In all other cases the Engineer shall solely determine suitable rates in the manner deemed by him as fair and reasonable, and his decision shall be final, binding and conclusive.
- d) If the nature or amount of any omission or addition relative to the nature or amount of the whole of the contract work or to any part thereof shall be such that, in the opinion of the Engineer, the rate of prices contained in the contract for any item of the works or the rate as evaluated under sub-clauses (b) and (c) of this clause, is by reason of such omission or addition rendered unreasonable or in-applicable the Engineer shall fix such other rate or price as he deems proper and the Engineer's decision shall be final, binding and conclusive.

8. DELAY / EXTENSION OF COMPLETION TIME / LIQUIDATED DAMAGE / TERMINATION OF CONTRACT

- 8.1. Should the quantum of extra or additional work of any kind or delayed availability of the Trustees' materials to be supplied as per contract or exceptionally adverse climatic conditions and natural phenomenon or strikes, lock-outs, civil commotions or other special circumstances of any kind beyond the control of the Contractor cause delay in completing the work, the contractor shall apply to the Engineer in writing for suitable extension of completion time within 7 days from the date of occurrence of the reason and the Engineer shall thereupon consider the stated reasons in the manner deemed necessary and shall either reject the application or determine and allow in writing the extension period as he would deem proper for completion of the work, with or without the imposition of "Liquidated Damages" Clause (No.8.3 hereof) on the Contractor and his decision shall be binding on the contractor. If an extension of completion time is granted by the Engineer, the clause No.8.3 of the Liquidated damage shall apply from its date of expiry, if the work be not completed within the extended time, unless stated otherwise in the decision communication by the Engineer, as aforesaid.
- 8.2. a) If the Contractor fails to complete the work within the stipulated dates or such extension thereof as communicated by the Engineer in writing, the contractor shall pay as compensation (Liquidated Damage) to the Trustees and not as a penalty, ½ % (half percent) of the total value of work (contract price) as mentioned in the latter of acceptance of the tender/offer, for every week or part thereof the work remains unfinished. Provided always that the amount of such compensation shall not exceed 10% the said value of work.

b) Without prejudice to any of their legal rights, the Trustees shall have the power to recover the said amount of compensation / damage in Sub-Clause (a) of this clause, from any money due or likely to become due to the contractor. The payment or deduction of such compensation / damage shall not relieve the Contractor from his obligation to complete the work or from any of his other obligations / liabilities under the contract and in case of the Contractor's failure and at the absolute discretion of the Engineer, the work may be ordered to be completed by some other agency at the risk and expense of the Contractor, after a minimum three days notice in writing has been given to the contractor by the Engineer or his Representative.

8.3. Without being liable for any compensation to the Contractor, the Trustees may, in their absolute discretion, terminate the contract due to occurrence of any of the following reasons and decision of the Trustees in this respect, as communicated by the Engineer shall be final and conclusive:

- (i) The Contractor has abandoned the contract.
- (ii) In the opinion of the Engineer, either the performance of the Contractor is not satisfactory or the work is not getting completed within the agreed period on account of Contractor's lapses.
- (iii) The Contractor has failed to commence the work or has without any lawful excuse under these conditions, has kept the work suspended despite receiving the Engineer's or his Representative's written notice to proceed with the work.
- (iv) The Contractor has failed to remove materials from site after receiving from the Engineer or his Representative the written notice stating that the said materials or work are rejected by him.
- (v) The Contractor is not executing the work in accordance with the contract or is persistently or flagrantly neglecting to carry out his obligations under the contract.
- (vi) Any bribe, commission, gift or advantage is given, promised or offered by or on behalf of the contractor to any officer, servant or representative of the Trustees or to any person on his or their behalf in relation to the obtaining or to the execution of the contract.
- (vii) The Contractor is adjudged insolvent or enters into composition with his creditors or being a company goes into liquidation either compulsorily or voluntarily.

8.3.1 Upon receipt of the letter of termination of work, which may be issued by the Engineer on behalf of the Trustees, the Contractor shall hand over all the Trustees' tools, plant and materials issued to him at the place to be ascertained from the Engineer, within 7 days of receipt of such letter.

8.3.2 In all such cases of Termination of work, the Trustees shall have the power to complete the Work through any other agency of the Contractor's risk and expense and the Contractor shall be debited any sum or sums that may be expended in completing the work beyond the amount that would have been due to the contractor, had he duly completed the whole of the work in accordance with the contract.

8.3.3 Upon termination of contract, the contractor shall be entitled to receive payment of only 90 % of the value of the work actually done or materials actually supplied by him and subject to recoveries as per contracts, provided the work done and materials conform to specifications at the time of taking over by the Trustees. The payment for work shall be based on measurements of actual work done and priced at approved contract rates or other rates, as decided by the Engineer. The payment for materials supplied shall be at the rates as decided by the Engineer, which shall in no case be more than market rates prevailing at the time of taking over by the Trustees. The Engineer's decision in all such case shall be final, binding and conclusive.

8.3.4 The Trustees shall have the power to retain all moneys due to the Contractor until the work is completed by other agency and the Contractor's Liabilities to the Trustees and known in all respect.

9. MAINTENANCE AND REFUND OF SECURITY DEPOSIT

- 9.1. On completion of execution of the work the contractor shall maintain the same for a period, as may be specified in the form of a Special Condition of the Contract, from the date mentioned in the initial Completion Certificate in the Form G.C.1. Any defect / fault, which may appear in the work during aforesaid maintenance period, arising, in the sole opinion of the Engineer or his Representative, from materials or workmanship not in accordance with the contract or the instruction of the Engineer or his Representative, shall, upon the written notice of the Engineer or his Representative, be amended and made good by the Contractor at his own cost within seven days of the date of such notice, to the satisfaction of the Engineer or his Representative, failing which the Engineer or his Representative shall have the defects amended and made good through other agency at the Contractor's risk and cost and all expenses, consequent thereon or incidental thereto, shall be recoverable from the Contractor in manner deemed suitable by the Engineer.
- 9.2. The Contract shall not be considered completed and the work shall not be treated as finally accepted by the Trustees, until a final Completion Certificate in Form G.C. 2 annexed hereto shall have been signed and issued by the Engineer to the contractor after all obligations under the Contract including that in the maintenance period, if any, have been fulfilled by the Contractor. Previous entry on the works or taking possession, working or using thereof by the trustees shall not relieve the Contractor of his obligations under the contract for full and final completion of the work.
- 9.3. On completion of the contract in the manner aforesaid, the Contractor may apply for the refund of his Security Deposit by submitting to the Engineer (i) The Treasury Receipts granted for the amount of Security held by the Trustees, and (ii) his "No further claim" Certificate in Form G.C.3 annexed hereto (in original), whereupon the Engineer shall issue Certificate in Form G.C.2 and within two months of the Engineer's recommendation, the Trustees shall refund the balance due against the Security Deposit to the Contractor, after making deduction therefrom in respect of any sum due to the Trustees from the Contractor.

10. INTERPRETATION OF CONTRACT DOCUMENTS , DISPUTES & ARBITRATION

- 10.1. In all disputes, matters , claims , demands or questions arising out of or connected with the interpretation of the Contract including the meaning of Specifications and Instructions or as to the quality of workmanship or as to the materials used in the work or the execution of the work whether during the progress of the work or after the completion and whether before or after the determination, abandonment or breach of the contract the decision of the Engineer shall be final and binding on all parties to the contract and shall forthwith be given effect to by the Contractor .
- 10.2. If, the Contractor be dissatisfied with any such decision of the Engineer, he shall within 15 days after receiving notice of such decision require that the matter shall be referred to Chairman, who shall thereupon consider and give a decision.
- 10.3. If , however , the contractor be still dissatisfied with the decision of the Chairman , he shall, within 15 days after receiving notice of such decision required that within 60 days from his written notice, the Chairman shall refer the matter to an Arbitrator of the panel of Arbitrators to be maintained by the Trustees for the purpose and any such reference shall be deemed to be a submission to arbitration within the meaning of Indian Arbitration Act , 1940 or any statutory modification thereof .
 - 10.3.1 If the Arbitrator so appointed is unable or unwilling to act or resigns his appointment or vacates his office due to any reason whatsoever, another person from panel shall be appointed as Sole Arbitrator and he shall proceed from the stage at which it was left by his predecessor.
 - 10.3.2 The Arbitrator shall be deemed to have entered on reference on the date he issues notice to both the parties fixing the date of first hearing.
 - 10.3.3 The time limit within which the Arbitrator shall submit his award shall normally be 4 months as provided in Indian Arbitration Act, 1940 or any amendment thereof. The Arbitrator may, if found necessary, enlarge the time for making and publishing the award, with the consent of the parties.
 - 10.3.4 The Venue of the arbitration shall be Kolkata or as may be fixed by the Arbitrator in his sole discretion. Upon every or any such reference to cost of any incidental to the reference and award respectively shall

be in discretion of the Arbitrator who may determine, the amount thereof or by whom and to whom and in what manner the same shall be borne and paid .

10.3.5 The Award of the Arbitrator shall be final and binding on all parties subject to the provisions of the Indian Arbitration Act, 1940 or any amendment thereof. The Arbitrator shall give a separate award in respect of each item of disputes and respective claim referred to him by each party and give reason for the award.

10.3.6 The Arbitrator shall consider the claims of all the parties to the contract within only the parameters of scope and conditions of the contract in question.

10.3.7 Save as otherwise provided in the contract the provisions of the Arbitration Act, 1940 and rules made there under, for the time being in force, shall apply to the arbitration proceedings under this Clause.

10.4. The Contractor shall not suspend or delay the work and proceed with the work with due diligence in accordance with Engineer's decisions. The Engineer also shall not withhold any payment, which, according to him, is due or payable to the Contractor, on the ground that certain disputes have cropped up and are likely to be referred to arbitration.

10.5. **Provided always as follows:**

- (a) Nothing of the provisions in paragraphs 10.3 to 10.3.7 hereinabove would apply in the case of contracts , where tendered amount appearing in the letter of acceptance of the tender / offer is less than Rs.40,00,000/-.
- (b) The Contractor shall have to raise disputes or differences of any kind whatsoever in relation to the execution of the work to the Engineer within 30 days from the date of occurrence of the cause of dispute and before the preparation of the final bill, giving detailed justifications, in the context of contract conditions.
- (c) Contractor's dispute, if any, arising only during the maintenance period stipulated in the contract, must be submitted to the Engineer, with detailed justifications in the context of contract Conditions, before the final completion of the work.

No dispute or difference on any matter whatsoever, pertaining to the contract can be raised by the contractor after submission of certificate in form G.C.3 by him.

- (d) Contractor's claim / dispute raised beyond the time limits prescribed in sub-clauses 10.5(b) and 10.5(c) hereinabove, shall not be entertained by the Engineer and / or by any Arbitrator, subsequently.
- (e) The Chairman / Trustees shall have the right to alter the panel of Arbitrators, vide Clause 10.3 here-in-above, on their sole discretion, by adding the names of new Arbitrators and / or by deleting the names of existing Arbitrators, without any reference to the Contractor.

THE BOARD OF TRUSTEES FOR THE PORT OF KOLKATA

FORM OF AGREEMENT

THIS AGREEMENT made thisday of.....20.....between the Board of Trustees for the Port of Kolkata, a body corporate constituted by the Major Port Trusts Act, 1963 (hereinafter called "Trustees" which expression shall unless excluded by or repugnant to the context be deemed to include their successors in office) of the one part and(hereinafter called "the Contractor", which expression shall unless excluded by or repugnant to the context be deemed to include its heirs, executors, administrators, representatives and assignees or successors in office) of the other part.

WHEREAS the Trustees are desirous that certain works should be executed / constructed , viz.and have accepted a Tender / Offer by the Contractor for the execution and maintenance of such work NOW THIS AGREEMENT WITNESSETH as follows :

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in General Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.
 - (a) The said Tender / Offer & the acceptance of the Tender / Offer
 - (b) The General Conditions of Contract
 - (c) The Special Conditions of Contract
 - (d) Special Conditions of Contract (if any)
 - (e) The Conditions of Tender
 - (f) The Specifications
 - (g) The Bill of quantities
 - (h) The Trustees Schedule of Rates and Prices (if any).
 - (i) All correspondence by which, the contract is added, amended, varied or modified in any way by mutual consent.
3. In consideration of the payments to be made by the Trustees to the Contractor as hereinafter mentioned , the Contractor hereby covenants with the Trustees to execute and maintain the work in conformity in all respects with the provisions of the contract.
4. The Trustees hereby covenants to pay to the Contractor, in consideration of such execution and maintenance of the Work, the Contract Prices at the times and in the manner prescribed by the Contract.

IN WITNESS whereof of the parties hereto have caused their respective Common Seals to be hereunto affixed (or have hereunto set their respective hands and seals) the day and year first above written.

The Seal of.....

Was hereunto affixed in the presence of:

Name

Address
.....

Or

SIGNED, SEALED AND DELIVERED

By the said

In the presence of:

Name

Address:
.....

The Common Seal of the Trustees was hereunto affixed in the presence of:

Name.....

Address:

KOLKATA PORT TURST

FORM G.C.1

Contract

Address

Date of Completion

Dear Sir/s,

This is to certify that the following works viz.

Name of the Work.....

Estimate Number E.E.Odt

C.E.Odt

Work Order Number

Allocation.....

Contract Number

which was carried out by you is in the opinion of the undersigned completing in every respect on the Day of20..... in accordance with the terms of the Contract and you are required to maintain the work in accordance with clause 62 of the General Conditions of Contract and under the provisions of the Contract for a period of days /weeks / months / years.

From the day of 20

to the day of 20

Signature (.....)
(Engineer / Engineer's Representative)

Name.....

Designation.....

Office Seal

c.c. to The Deputy Chief Engineer ()
The Deputy Manager ()
Financial Adviser & Chief Accounts Officer/
Manager (Finance), Haldia Dock Complex.

KOLKATA PORT TURST

FORM G.C.2

The Financial Adviser & Chief Accounts Officer.

The Manager (finance), Haldia Dock Complex.

CERTIFICATE OF FINAL COMPLETION

This is to certify that the following works viz.

Name of work

Estimate No. E.E.O.. dt

C.E.O.dt

Work Order No dt

Allocation

Contract No.....

Resoln. No & Meeting No :

Allocation

which was carried out by Shri / Messrs.....is now complete in every respect in accordance with the terms of the Contract and that all the obligations under Contract have been fulfilled by the Contractor.

Signature (.....)
(Engineer / Engineer's Representative)

Name.....

Designation.....

Office Seal

KOLKATA PORT TRUST

FORM G.C.3

(‘No Claim’ Certificate From Contractor)

The Engineer
Kolkata Port Trust
Kolkata / Haldia

(Attn)

(Address, the Trustees’ Official, mentioned in
the work Order and under whom the Contract
was executed)

Dear Sir,

I/We do hereby declare that I/We have received full and final payment from Kolkata Port Trust for the execution of the following work, viz.

Name of Work

Work Order No dt

Allocation.....

Contract No.

.....

Agreement Nodt.....and I/We have no further

claim against Kolkata Port Trust in respect of the above mentioned job.

Yours faithfully,

(Signature of Contractor)

Date

Name of Contractor

Address

.....

(Official Seal of the Contractor)

Draft Proforma of Bank Guarantee (Performance Bond) in lieu of cash Security Deposit, to be issued by the Kolkata/Haldia Branch, as the case may be, of any nationalized Bank of India on Non-Judicial Stamp Paper worth Rs.50/- or as decided by the Engineer / Legal Adviser of the Trustees.

To
The Board of Trustees
for the Port of Kolkata.

BANK GUARANTEE NO.....DATE.....

Name of issuing Bank.....

Name of Branch.....

Address.....

In consideration of the Board of Trustees of the Port Kolkata, a body corporate - duly constituted under the Major port Trust Act, 1963 (Act 38 of 1963), having agreed to exempt Shri / Messrs a proprietary / Partnership / Limited / Registered Company, having its Registered Office at (hereinafter referred to as “The Contractor”) from cash payment of Security Deposit / Payment of Security Deposit through deduction from the Contractors’ bills under the terms and conditions of a contract made between the Trustees and the Contractor for (write the name of the work as per Work Order) in terms of the Work order No dated.....(hereinafter referred to as the said contract) for the due fulfillment by the contractor of all the terms and conditions contained in the said contract, on submission of a Bank Guarantee for Rs (Rupees) we,.....Branch, Kolkata...../ Haldia, do, on the advise of the contractor, hereby undertake to indemnify and keep indemnified the Trustees to the extent of the said sum of Rs.....(Rupees.....) we, Branch Kolkata/Haldia shall have no right to decline to cash the same for any reason whatsoever and shall cash the same and pay the sum so demanded to the Trustees within a week from the date such demand by an A/c. Payee Banker’s Cheque drawn in favour of ‘Kolkata Port Trust’, without any demur . Even if there any dispute between the Contractor and the Trustees , this would be no ground for us,(Name of Bank),.....Branch Kolkata...../Haldia to decline to honour the Bank Guarantee in the manner aforesaid. The very fact that we,Branch, Kolkata /Haldia, decline or fail or neglect to honour the Bank Guaranteed in the manner aforesaid

shall constitute sufficient reason for the Trustees to enforce the Bank Guarantee unconditionally without any reference, whatsoever, to the contractor.

2. We,.....Branch, Kolkata...../Haldia, further agree that a mere demand by the Trustees at any time and in the manner aforesaid, is sufficient for us, Branch, Kolkata / Haldia, to pay the amount covered by this Bank Guarantee in full and in the manner aforesaid and within the time aforesaid without reference to the contractor and no protest by the contractor, made either directly or indirectly or through Court, can be valid ground for us, Branch,Kolkata/Haldia, to decline or fail or neglect to make payment to the Trustees in, the manner and within the time aforesaid.

3. We, Branch, Kolkata /Haldia, further agree that the Bank Guaranteed herein contained shall remain in full force and effect, during the period that is taken for the due performance of the said contract by the contractor and that is shall continue to be enforceable till all the dues of the Trustees under and/or by virtue of the terms and conditions of the said contract have been fully paid and its claim satisfied and/or discharged in full and/or till the Trustees certify that the terms and conditions of the said contract have been fully and properly observed/fulfilled by the contractor and accordingly, the Trustees have discharged the Bank Guarantee, subject however, that this guarantee shall remain valid up to and inclusive ofday of19.....and subject all so that the provision that the Trustees shall have no right to demand payment against this guarantee after the expiry of 6(six) calendar months from the expiry of the aforesaid validity period up to Or any extension thereof made by us,Branch, Kolkata/Haldia, in further extending the said validity period of this Bank Guarantee on Non-Judicial Stamp Paper of appropriate value, as required / determined by the Trustees, only on a written request by the Trustees to the contractor for such extension of validity of this Bank Guarantee.

4. We, Branch, Kolkata /Haldia, further agree that, without our consent and without affecting in any manner our obligations hereunder, the Trustees shall have the fullest liberty to vary from time to time any of the terms and conditions of the said contract or to extend the time for full performance of the said contract including fulfilling all obligations under the said contract by the contractor or to postpone for any time or from time to time any of the powers exercisable by the Trustees against the contractor and to forebear or enforce any of terms and conditions relating to the said contract and We, Branch, Kolkata/Haldia, shall not be relieved from our liability by reason of any such variation or extension being granted to the contractor or for any fore-bearance, act or commission on the part of the Trustees or any indulgence by the Trustees to the contractor or by any such matter or thing of whatsoever nature, which under the law relating to

sureties would, but for this provision, have effect of so relieving us,.....Branch, Kolkata...../Haldia.

5. We Branch, Kolkata/Haldia, lastly undertake not to revoke this Bank Guarantee during its currency except with the previous consent of the Trustees in writing.

SIGNATURE.....
NAME.....
DESIGNATION.....

(Duly constituted attorney for and on behalf of)

BANK.....
BRANCH.....
Kolkata...../HALDIA.

(OFFICIAL SEAL OF THE BANK)