



SYAMA PRASAD MOOKERJEE PORT, KOLKATA
(Erstwhile KOLKATA PORT TRUST)
(AN AUTONOMOUS BODY UNDER THE MINISTRY OF PORTS, SHIPING AND WATERWAYS,
GOVERNMENT OF INDIA)
KOLKATA DOCK SYSTEM

ताला प्रवेश द्वार पर नए स्वचालन भवन का निर्माण के लिए निविदा एनएस
डॉक।

TENDER FOR “Construction of the new Automation Building at Lock Entrance
N.S Dock.”

**
*
*

सिसिल इंजीनियरिंग विभाग
श्यामा प्रसाद मुखर्जी पोर्ट, कोलकाता

Civil Engineering Department
SYAMA PRASAD MOOKERJEE PORT, KOLKATA

TENDER NO.: SMPK/KDS/CIV /T/2669/28 DT. 19.04.2022

TENDER NO.: SMPK/KDS/CIV /T/2669/28 DT. 19.04.2022

Content/Index

Sl. No.	Description	Page No.
1.	N I T	3
2.	ANNEXURE—A (Important instructions for E – tender)	5
3.	ANNEXURE—B (Commercial terms & Conditions)	6
4.	ANNEXURE—C (Techno-commercial Bid)	10
5.	Instruction to Bidder	13
6.	Special Conditions of the Contract	16
7.	Pre-qualification criteria	16
8.	Scope of Work	18
9.	Schedule “T”	32
10.	Schedule “O”	33
11.	Proforma of Performance certificate/credential of works	35
12.	ANNEXURE—D (Documents to be uploaded)	36
13.	ANNEXURE—D1 (Undertaking to be submitted)	38
14.	ANNEXURE—E (Price Bid)	40
15.	Preamble to the Bill of Quantities	42
16.	Bill of Quantities	44
17.	Form of Tender	49
18.	ANNEXURE—F (General Conditions of the Contract)	50

SYAMA PRASAD MOOKERJEE PORT, KOLKATA
(Formerly KOLKATA PORT TRUST)

Office of the Chief Engineer,
Head Office Building, 15, Strand Road, Kolkata 700 001.

1.0 NOTICE INVITING TENDER

NIT NO.: SMPK/KDS/CIV /T/2669/28 DT. 19.04.2022

E-Tender is invited from reliable, bonafide & experienced agency with required experience as per Prequalification criteria stipulated in Tender Document for **“Construction of the New Automation Building at Lock Entrance N.S Dock”** as per Bill of Quantities the Bid Document may be seen from the <https://kopt.enivida.in>. Corrigenda or clarifications, if any, shall be hosted on the above- mentioned website only. The tender is also published on SMPK website (www.smpportkolkata.shipping.gov.in).

SCHEDULE OF TENDER (SOT)

a.TENDER NO.	SMPK/KDS/CIV /T/2669/28 DT. 19.04.2022
b. MODE OF TENDER	e-Procurement System (Online single part Techno-Commercial Bid and Price Bid through Enivida Portal https://kopt.enivida.in/) The intending bidders are required to submit their offers electronically through e-tendering portal. No physical tender is acceptable by SYAMA PRASAD MOOKERJEE PORT, KOLKATA.
c. i) Estimated Cost Of the Work	Rs. 99,61,151.85/- (Rupees Ninety nine Lakh Sixty one Thousand One Hundred Fifty-One & Paise Eighty-Five Only)
ii) Earnest Money Deposit	Rs. 1,99,230/(Rupees one Lakh ninety nine thousand two hundred thirty Only)
iii) Tender Document fee (Non-refundable)	The intending bidders should submit the tender cost of Rs.1770/- (Rupees one thousand seven hundred and seventy only) including @18% GST to KoPT through DD/Banker’s Cheque in favour of Syama Prasad Mookerjee Port, Kolkata on any scheduled/Nationalised Bank payable at Kolkata otherwise their offer will be summarily rejected. As per cl. 2, page no.12
iv) रेलटेल टेंडर प्रोसेसिंग शुल्क/ Railtel Tender Processing Fee (Non-refundable) Mode of Payment: - E-payment Only through Debit/Credit Card or Net Banking.	TPF- 0.1% of estimate cost (Minimum 750/- Maximum 7500/-+GST Registration Charges Rs.2000/- +Applicable GST Per Year

4	
d. Date of NIT available to parties to download	19.04.2022 to 28.04.2022 (up to 12:00 hrs.)
e. Pre – Bid Meeting Date & Time	No Pre-bid meeting
f. Last date of submission of EMD & Tender Document fee at Syama Prasad Mookerjee Port, Kolkata	02.05.2022 (up to 12:00 hrs.)
g. Date of Starting of e-Tender for submission of online Techno-Commercial Bid and Price Bid at Enivida Portal	19.04.2022 (From 14:00 hrs. onwards)
h. Date of closing of online e-tender for submission of Techno-Commercial Bid & Price Bid.	28.04.2022 (Up to 15:00 hrs.)
i. ई-सिसिदा को खुलाने की सतसि और िमय/ Date & time of opening of Techno-Commercial Bid and Price Bid.	29.04.2022 (After 15:00 hrs.) (Both the Techno Commercial Part & Financial Part will be opened on the same date)

Note: In the event of any unforeseen closure of work / holiday on any of the above days, the same will be opened / held on the next working day without any further notice.

List of Annexures

Important Instructions for E- procurement	: - Annexure - A
Commercial Terms & Conditions	: - Annexure - B
Techno Commercial Bid	: - Annexure - C
List of Scanned Documents required to be uploaded: (Document consisting Annexure A to Annexure D To be treated as Techno Commercial Part)	: - Annexure – D
Price Bid (Financial Part) (Both the Techno Commercial Part & Financial Part will be uploaded separately & will be available both in the SMPK website & Enivida Portal)	: - Annexure – E
General Conditions of Contract	: - Annexure – F

Chief Engineer
Civil Engineering Department
SYAMA PRASAD MOOKERJEE PORT, KOLKATA
Tender Inviting Authority

2.0 Important Instructions for e-Tender

Bidders are requested to use internet Browsers Firefox version below 50 / Internet Explorer version 8 or above, and Java 8 Update 151 or 161.

Further, bidders are requested to go through the following information and instructions available on the Enivida Portal <https://kopt.enivida.in> before responding to this e-tender:

- Bidders Manual Kit
- Help for Contractors
- FAQ

Contact Persons (Syama Prasad Mookerjee Port, Kolkata):

1. S. K. Halder, Superintending Engineer (Contract)
 2. S. Das, Engineer(C), Mob. No. 9830621827
 Phone no.: **03371012486, 03371012398**
 E-mail IDs :- sk.halder@kolkataporttrust.gov.in &
ce@kolkataporttrust.gov.in

Contact persons (Enivida Portal):

Phone No.7278929467/8448288981

E-Mail IDs: - enividahelpdesk@gmail.com/ ewizardkumar@gmail.com

1	All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.
2	E-tender cannot be accessed after the due date and time mentioned in NIT.
3	SMPK 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.
4	Any order resulting from this tender shall be governed by the terms and conditions mentioned therein.
5	No deviation to the technical and commercial terms & conditions are allowed.
6	The bidders must upload all the documents required as per terms of tender. Any other document uploaded which is not required as per the terms of the tender shall not be considered.
7	The bid will be evaluated based on the filled-in technical & commercial formats.
8	Bidder has fully read and understood the entire Tender Document, GCC, Corrigendum and Addenda, if any downloaded from under the instant e-tender and no other source, and will comply to the said document, GCC, Corrigendum and Addendum. A declaration in this regard is to be made by the bidder.
9	(A) Tender will be opened electronically on specified date and time as mentioned in the NIT. Bidders can witness electronic opening of Bid. (B) Necessary addendum/corrigendum (if any) of the tender would only be hoisted in the Enivida Portal .

SYAMA PRASAD MOOKERJEE PORT, KOLKATA
Office of the Chief Engineer,
Head Office Building, 15, Strand Road,
Kolkata 700 001.

Tele – 033 2230-3451 Extension: 398,399,400

Fax - (033) 2230-0413

**E-mail id: sk.halder@kolkataporttrust.gov.in &
ce@kolkataporttrust.gov.in**

3.0 Commercial Terms & Conditions

SL. NO.	TERMS
1	Mere participation in e-tender will not mean that a particular bidder will be automatically considered qualified and their bids will be entertained. Such qualification will be reviewed at the time of techno-commercial evaluation of bids also.
2	Copy of valid NSIC Certificate or MSME Certificate under MSME has to be submitted along with the bid.
3	EARNEST MONEY: As Per NIT
4	E-Tenderers submitted without requisite Earnest Money are liable to be rejected excepting in case of Micro & Small Enterprises (MSEs) registered with NSIC (under single point registration scheme) or MSME for items for which the tender is invited.
5	<u>SCOPE OF WORK: As per E-Tender Document</u>
6	The Terms and Conditions of E-Tender shall be read in conjunction with the General Conditions of Contract, Specifications, Bill of Quantities and other documents forming part of this Contract wherever the Contract so requires.
7	The several documents forming the Contract shall be taken, as mutually explanatory to one another and in case of any discrepancies; the Bill of Quantities shall prevail over the Specifications and the Terms and Conditions over the General Conditions of Contract of SMP, Kolkata. In case of any dispute, question or difference either during the execution of the Contract or any other time as to any matter or thing connected with or arising out of this Contract, the decision of the Chief Engineer, SYAMA PRASAD MOOKERJEE PORT, KOLKATA, thereon shall be final and binding upon all parties.
8	The Contract will include the Client's Bid Documents with the General Conditions of Contract and the Bidder's Offer as finally accepted by the Client, together with Addenda, if there be any. Trustees' General Conditions of contract is the integral part of the tender / contract. The above-mentioned General Conditions of Contract may be inspected at the office of the undersigned on any working day before quoting for the Tender.
9	The Trustees are not bound to accept the lowest or any Tender and reserve the right to accept a tender in full or in part and / or reject a tender in full or in part without assigning any reason thereof.
10	The contract shall be governed by all relevant Indian Acts applicable only within the

11 Intending bidders must take into account any cost or expense incurred by them in connection with the preparation and submission of their bids or for any other expenses incurred in connection with such bidding.

12 Bidders are advised to visit the site of work prior to submission of their bid. Bidder shall get himself thoroughly familiarized with the site conditions, existing road facilities for carrying materials etc. before submission of the e-tender. He may contact the Chief Engineer/**Superintending Engineer (Netaji Subhash Dock)/ Superintending Engineer (Electrical)** or his authorized representative at his office at 15, Strand Road, Kolkata 700001 in this regard. Non-compliance of the same will in no way relieve the successful bidder of any of his obligations in performing the work in accordance with this Bid Document within the quoted price.

13 VALIDITY: -

The tender shall remain open for acceptance for a period of **4 months** from the date of opening of techno-commercial bid.

If before expiry of this validity period, the Bidder amends his quoted rates or tender, making them unacceptable to the Trustees and / or withdraws his tender, the Earnest Money deposited shall be liable to forfeiture at the option of the Trustees / sanctioning Authority.

14 NON- RESPONSIVE BIDDER: -

The offer/tender shall be treated as non-responsive, if it:

- (i) is not accompanied by requisite Earnest Money /valid NSIC Registration Certificate /MSME Registration Certificate.
- (ii) is not accompanied by requisite tender paper cost / or valid NSIC/MSME Registration Certificate.
- (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.

In addition to above, a bidder may be disqualified if –

- a) The bidder provides misleading or false information in the statements and documents 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 financial bankruptcy etc.

The decision of Syama Prasad Mookerjee Port, Kolkata in this regard shall be final and binding on the Bidder.

Offer / tender is submitted with any deviation from the tender terms & conditions.

15 EARNEST MONEY AND SECURITY DEPOSIT: - : As per tender Document

16 PERFORMANCE GUARANTEE: - Not Applicable

- 17 In the event of the successful bidder failing to execute the order within the stipulated delivery period without sufficient reasons acceptable to the Trustees, the Security Deposit may be forfeited and the order be cancelled at the option of the Trustees' **apart from other actions.**
- 18 PRICES: - As per BOQ given in the tender document.
- 19 The bidder shall quote his price as per the Bill of Quantities in the Price bid
- 20 Orders may be placed in full/part to the lowest bidder.
- 21 Price(s) to be quoted should remain firm over the contract period.
- 22 **The prices quoted shall be including all statutory levies excluding GST, which shall be paid extra.**
- 23 EVALUATION CRITERIA: As per relevant clause of Tender document.
- 24 PAYMENT: - As per Tender document.
- 25 LOCATION: As per Tender document.
- 26 TIME OF COMPLETION: As per Tender document.
- 27 Work is to be carried out as per terms & condition of the contract document.
- 28 JURISDICTION OF COURT: -
The contract shall be governed by all relevant Indian Acts applicable within the jurisdiction of Kolkata.
- 29 PERSONAL PROTECTIVE EQUIPMENT (PPE): -
Contractor and their workmen including driver & helper must use PPE i.e. safety helmet etc. at the time of work inside the dock premises. For safety measure Cl. No.25, page-23 may be referred to.
- 30 Compensation (Liquidated Damages) against failure to complete the work within the stipulated time as per tender condition.
- 31 PRICE ADJUSTMENT CLAUSE: As per Tender document.
- 32 TECHNICAL CAPACITY: As stipulated in Tender document.
- 33 FINANCIAL CAPACITY: As stipulated in Tender document.
34. DOCK PERMITS: As per tender document.
- 35 The bidder may offer a Bank Guarantee in the Trustees' specified proforma from any Scheduled/ Nationalized Bank of India having Branch at Kolkata in lieu of Earnest Money /Security Deposit beyond **Rupees 10 (Ten) lakhs.**

Besides the above conditions all other conditions as stated in the NIT, BOQ, Special Conditions of Contract, Instruction to the tenderers, G.C.C. shall have to be agreed by the Bidders.

Syama Prasad Mookerjee Port, Kolkata

CIVIL ENGINEERING DEPARTMENT

15, स्ट्रैंड रोड, कोलकाता -700001**15, Strand Road, Kolkata – 700001**NIT No.: **SMPK/KDS/CIV /T/2669/28 DT. 19.04.2022**NOTE: Last Date of **Download** of tender documents : **28.04.2022 (upto 14.00 hours)**Tender is due for submission by **15.00 Hrs. On 28.04.2022**Tender is due to open after 15.00 Hrs. On **29.04.2022****Techno Commercial Bid**

*

“Construction of the new Automation Building at Lock Entrance N.S Dock.”

*

SHORT TENDER NOTICE

E-Tender is invited from reliable, bonafide & experienced agency with required experience as per Pre-Qualification Criteria stipulated in Tender Document for the following work at Syama Prasad Mookerjee Port, Kolkata.

Name of work	:	Construction of the new Automation Building at Lock Entrance N.S Dock.
NIT No	:	SMPK/KDS/CIV /T/2669/28 DT. 19.04.2022
Estimated Cost	:	Rs. 99,61,151.85/- (Rupees Ninety nine Lakh Sixty one Thousand One Hundred Fifty-One & Paise Eighty-Five Only)
Period of Execution	:	8 (Eight) Months.
EMD (Earnest Money Deposit)/ Bid Security	:	. Rs. 1,99,230/(Rupees one Lakh ninety nine Thousand two Hundred thirty Only)
Period of Download of E-Tender (Both Days Inclusive)	:	19.04.2022 to 28.04.2022 (UPTO 14:00 hrs.) (Bid document will be available on website https://kopt.enivida.in). Bidders will have to participate in bidding process through website https://kopt.enivida.in/) only.
Date and Time for pre-bid meeting & site visit	:	No pre-bid meeting
Last date of submission of e- tender and opening of the tender	:	Submission on 28.04.2022 Up to 15:00 hrs. Opening on 29.04.2022 after 15:00 hrs. (Both the Techno Commercial Part & Financial Part will be opened on the same date)
Cost of Tender Document (Non-refundable)	:	Rs.1770/-(Rupees one thousand seven hundred and seventy only) including @18% GST)
Contact Person.	:	S. K. Halder Superintending Engineer (Contract) S. Das Engineer (C), Mob. No 9830621827 03371012486, 03371012398

4.0: INSTRUCTIONS TO BIDDER

E-TENDER FOR “Construction of the new Automation Building at Lock Entrance N.S Dock.”

NIT NO: **SMPK/KDS/CIV /T/2669/28 DT. 19.04.2022**

1.0 GENERAL

The work as described in the tender shall be executed in Kolkata and in accordance with the attached General Conditions of Contract, Special Conditions of Contract, Particular Specifications, and Drawings (if any) & detailed Bill of Quantities. Location Plan of the place of work might be inspected at the office of the **Superintending Engineer (Netaji Subhash Dock)/ Superintending Engineer (Electrical) of M & EE Deptt.** on any working day before quoting for the tender.

2.0 Cost of **Tender Paper and EMD** are to be physically deposited at the office of Chief Engineer at 15, Strand Road, Kolkata-700 001 by vendors/contractors through Bank Draft/Banker’s Cheque/Demand Draft/Pay Order etc. On any scheduled/nationalised Bank, in favour of Syama Prasad Mookerjee Port, Kolkata, payable at Kolkata, within 3 working days after opening of tender.

2.1 Details of cost of e-tender paper remitted should be entered by the participating vendor/contractor in the space provided in the e-tender as indicated hereunder:

- a) Name of remitting vendor/contractor :
- b) Tender No. :
- c) Amount remitted :
- d) Date of remittance :
- e) Bank Draft / Cheque No. :

2.2 Details of Earnest money remitted should be entered by the participating vendor/contractor in the space provided in the e-tender as indicated hereunder:

- a) Name of remitting vendor/contractor :
- b) Tender No. :
- c) Amount remitted :
- d) Date of remittance :
- e) Bank Draft / Cheque No. :

Tender submitted without requisite cost of tender paper will be liable for rejection.

3.0 **MODE OF SUBMISSION OF BID:**

3.1 All bidders must submit their offers through e- tendering in accordance with the terms and conditions set out in the bid documents and no deviation will be accepted.

3.2 A Bid shall contain the following scanned copies of which are to be uploaded (Refer Annexure D):-

- i) GST registration certificate.
- ii)a) Valid Trade Licence (Valid for current period & also for type of work).

- v) The Tender Documents with all the enclosed, appendices, Abstract Form of Tender and Form ii) b) The Firm has to submit copy of **Valid Electrical Contractor's License** and also to

submit the copy of **Electrical Supervisor's Valid License who will carry out & certify the electrical job.**

iii) Valid Professional Tax Clearance Certificate / Up to date tax payment challan. If this is not applicable, the bidder must submit a declaration in this regard.

iv) Proof of possessing valid Employees' Provident Fund (EPF) Account. EPF Registration Certificate.

v) Proof of being registered with Employees' State Insurance Corporation (ESIC), ESI Registration Certificate.

vi) Details of the firm as per Schedule-O (in Part-I) of the tender document duly filled up.

vii) Credentials in the form of copies of Letters of Award of Works along with corresponding/successful Completion Certificates from owners to justify that the intending bidder satisfies the earlier mentioned pre-qualification criteria.

viii) Last three years balance sheet and profit & loss account in support of Annual Financial turnover (i.e. 2018 –19,2019-20 and 2020-21). The same should be audited as per relevant norms wherever required along with UDIN of the Auditor.

ix) PAN Card

x) Bank Draft/ Pay order etc. regarding Cost of EMD and Tender documents/valid NSIC certificate

xi) A list of technically qualified and skilled persons would be engaged to supervise and execute the work.

xii) Self declaration of the bidder that the Bidding Firm has Not been debarred / de-listed by any Govt / Quasi Govt. / Public Sector undertaking in India (to be mentioned in the letter head of the Firm).

xiii) Self-declaration regarding the proprietor/partner(s)/authorized signatory of the bidding firm (in the case of proprietorship firm /partnership firm /limited company, as the case may be) is/are not associated with any other firm bidding for the same work (to be mentioned in the letter head of the Firm).

xiv) A list of works which are in hand at the time of submitting the offer as per the enclosed proforma titled 'Concurrent Commitments of The Bidder' vide 'Schedule –T' in Part-I of the tender document.

xv) Undertaking of the tenderer to be submitted as per enclosed Pro-forma (ANNEXURE –D-1) in lieu of submission of signed copies of the full Tender document, G.C.C, addenda & corrigendum in the letter head of the Firm.

xvi) Last page of "Bill of Quantities" & the "Form of Tender" duly filled up (without price quoted) shall be duly signed and stamped by the Bidder.

N. B.-1 The bidder will have to produce the original documents or any additional documents, if asked for, to satisfy the Authorities for clarification of his documents or credibility.

v) The Tender Documents with all the enclosed forms, appendices, Abstract Form of Tender and Form

and attachments submitted in proof of the qualification requirements and their EMD will be **N.B.-2** Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have made misleading or false representations in the forms, statements forfeited for such action.

3.3 All the bidders should submit the e-tender in accordance with the Mode of submission of Bid as afore-said.

4.0 SECURITY DEPOSIT: -

4.1 For the successful Bidder, the Security Deposit will be recovered from the contractors each and every On-Account Bill [including the final bill, if necessary] at the percentage of each such bills as set forth in **Clause. 3.4, 3.5 & 3.6 of the General Conditions of Contract.**

4.2 Refund of S.D. and forfeiture S.D. shall be guided by Cl. 3.5 (i) & (ii) of the G.C.C.

5.0 Delay/ Extension of time/ Liquidated Damage/ Termination of Contract.

Clause 8.0 of G.C.C. to be referred regarding Delay/ Extension of time/ Liquidated Damage/
Termination of Contract.

6.0 REFUND OF EARNEST MONEY: - The Earnest Money received, will be refunded or released as the case may be to the unsuccessful Bidders without any interest after opening of Price bid (Part – II) of the manual tender document.

7.0 VALIDITY OF OFFER: -

The e-tender shall remain valid for a period of **4 (four) months** from the date of opening the same. If before expiry of this validity period, the Bidder amends his quoted rates or tender, making them unacceptable to the Trustees and / or withdraws his e-tender, the Earnest Money deposited shall be liable to forfeiture at the option of the Trustees/ Sanctioning Authority/Engineer.

8.0 DETAILED SCRUTINY OF E-TENDERERS:

8.1 During the course of examination of Part-I of the bid, the bidders, if asked for, shall furnish any or additional document(s) for the purpose of evaluation of his / their bids.

9.0

9.1 During Techno-Commercial Evaluation, i.e. evaluation of Part-I of tender, an offer shall be considered non-responsive in case it: -

- (i) is not accompanied by requisite Earnest Money /valid NSIC Registration Certificate /MSME Registration Certificate.
- (ii) is not accompanied by requisite tender paper cost / or valid NSIC/MSME Registration Certificate.
- (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.

9.2 a) The bidder provides misleading or false information in the statements and documents

v) The Tender Documents with all the enclosures, appendices, Abstract Form of Tender and Form 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 financial bankruptcy etc.on the Bidder.

10. An amount of **Cess** calculated at the rate of **1% of the billed amount** shall be progressively recovered from each running bill as well as from the final bill of the contractor for onward transmission of the same by the appropriate authority statutory deductions will also be made as applicable at the time of payment.

11. For Micro & Small Enterprises (MSEs) registered with NSIC & or MSME: -

11.1 Micro & Small Enterprises (MSEs) registered with NSIC (under single point registration scheme) **or MSME** are exempted from depositing Cost of Tender Document.

11.2 If Micro & Small Enterprises (MSEs) registered with **NSIC or MSME** intends to participate in the tender, for the items they are not registered with NSIC, then they will have to deposit cost of Tender Document, as per NIT. **Otherwise their offer will not be considered.**

11.3 Copy of valid NSIC Certificate for MSEs has to be submitted along with bid.

12.0 EVALUATION CRITERIA: -

12.1 During evaluation of Part-II i.e. Price Part, provided that the bidder submits his offer following e-tender stipulations & specifications, the overall lowest offer received shall be considered for acceptance by the Trustees.

13.0 ACCEPTANCE OF TENDER: -

13.1 Syama Prasad Mookerjee Port, Kolkata reserves the right to accept / reject any / all offer(s) without assigning any reason thereof and also reserve the right to accept the tender in part or as a whole.

13.2 Any attempt to exercise undue influence in the matter of acceptance of Tender is strictly prohibited and any Tenderer who resorts to this will render his tender liable to rejection.

13.3 The successful Tenderer will be notified in writing of the acceptance of his tender. The "Tenderer" then becomes the "Contractor" and he shall forthwith take steps to execute the Contract Agreement within six weeks of issue of Letter Of acceptance and fulfil all his obligations as required by the Contract.

14.0 MISCELLANEOUS:

i) Bidder shall submit his offer for complete scope of work, strictly in accordance with the tender documents. Any deviation from the tender documents and / or any incomplete tender shall not be considered.

ii) The bidder shall not impose his own terms & conditions in his offer or quote his rates based on his own terms and conditions, such E-Tenderers are liable to rejection at the option of the Trustees without further reference to the bidder.

iii) All materials shall have to be procured by the successful Bidder and shall be of the best and approved quality conforming to relevant specifications. The successful Bidder shall also arrange for the supply of all labour, tools and plants as stipulated in the Special Conditions of Contract, required for efficient execution of the work.

v) The Tender Documents with all the enclosures, appendices, Abstract Form of Tender and Form

iv) All measuring units are in Metric System and rates and sums in the tender are in Indian Currency. The language used throughout shall be in English.

of Tender shall be required to be complete, duly filled in and signed and uploaded.

vi) Enlisted/registered contractor of SMPK will get the benefit of exemption of deposition of Earnest Money **up to the prescribed limit**. They are to upload the scan copy of the original T.R. issued to them by SMPK during registration to SMPK relating to **Permanent Security Deposit**.

vii) **The Bidder shall give a declaration about the names of their relations employed in Syama Prasad Mookerjee Port, Kolkata. It is not the intention to debar the Contractors from working if their relatives are working in SMPK, but such a declaration is necessary in the interest of Trustees against any possible lapses.**

5.0: SPECIAL CONDITIONS OF CONTRACT

E-TENDER FOR “Construction of the new Automation Building at Lock Entrance N.S Dock.”

1. GENERAL:

These provisions though given in a separate section are part of the tender documents which must be read as a whole, the various sections being complementary to one another and are to be taken as mutually explanatory. These provisions shall be read in conjunction with the other parts of the tender documents viz. General Conditions of Contract, Notice Inviting E-Tenders, and Instructions to Bidder, Particular Specifications, Drawings, Bill of Quantities and other documents forming part of the Contract. In case of any discrepancy or ambiguity in the documents, the order of precedence of the documents as stated below will apply. In particular, these provisions will override those in the General Conditions provided there is discrepancy between them.

2. CORRELATION AND ORDER OF PRECEDENCE OF TENDER DOCUMENTS:

If the stipulations in the various tender documents be found to be at variance in any respect, one will override others (but only to the extent these are at variance) in the order of precedence as given in the list below, i.e. any particular item in the list will take precedence over all those placed lower down in the list.

- (a) Order letter.
- (b) Bill of Quantities.
- (c) Drawings.
- (d) Particular Specifications of work.
- (e) Special Conditions of Contract.
- (f) General Conditions of Contract.

In case of any dispute, question or difference either during the execution of the work or any other time as to any matter or thing connected with or arising out of this Contract, the decision of the Chief Engineer, Syama Prasad Mookerjee Port, Kolkata, thereon shall be final and binding upon all parties.

The execution of work shall conform minutely to the approved & assigned drawings & specification & any other details drawings which shall be provided /duly approved by the Engineer during the progress of the work as to such other drawings those have formed part of the contract documents.

3. PRE-QUALIFICATION CRITERIA FOR BIDDERS: -

- i) The intending bidder must have successfully completed **(i) Construction or repairs of buildings /sheds/ offices/residential colonies/godowns including sanitary and plumbing works, (ii) Regarding Electrical works, “Similar works” means “Execution of house wiring & laying of L.T Cable,** during the last 7(seven) years ending last day of month previous to one in which applications are invited and the experience should be either of the following:

The Tenderer shall have to furnish documents (certified copy), viz. order letter and proof of execution to establish his credentials.

Along with other documents, the participating bidder should have Electrical Contractor Licence.

Either **(i) 03 (Three)** completed works each costing not less than **40 %** of the estimated amount put to tender.

Or (ii) 02 (Two) completed works each costing not less than **50 %** of the estimated amount put to tender.

Or (iii) 01 (One) completed work costing not less than **80 %** of the estimated amount put to tender.

ii) The Average Annual Financial Turnover of the bidding firm during the last three years, ending on 31-03-2021, should be at least 30% of the estimated amount put to tender. The same should be audited as per relevant norms wherever required along with UDIN of the Auditor

iii) Work experience as a sub-contractor shall not be considered for Civil works as the requisite qualification & Work experience as a subcontractor or supply contractor shall not be considered as requisite qualification for electrical works.

4. SCOPE OF WORK:

a) Civil Works (For 'PART A' & 'PART B' of BOQ):

The work comprises of Earth work and filling, Filling in foundation or plinth by fine sand, Supplying and laying Polythene Sheet, Provide and lay Single Brick Flat Soling, Brick work, Shuttering and Reinforcement work, concreting works Plastering work, painting work, flooring, glazing works, door-window works, plumbing works including all appurtenant works as described and set forth in the Bill of Quantities, Special Conditions of Contract, Technical Specifications of Works, Specification for Materials and Workmanship with all additional or varied works which may thereafter be required in accordance with Clause 7 of General Conditions of Contract and as per the direction and up to the satisfaction of the Engineer-in-Charge.

b) Electrical Works (For 'PART C' of BOQ):

SCOPE OF WORK

The Scope of Work includes Supply, delivery and installation of -

Supply, delivery, laying, termination and commissioning of LT cables as per technical specification.

Supply, delivery, installation of LT Panels, Distribution boards and Sub Distribution boards as per specification.

Supply, delivery, fixing of LED luminaries, LED lamps with lamp holders etc.

Supply, delivery and installation of ceiling fans along with supply delivery and installation of stepped electronic regulator.

Supply, delivery and installation of exhaust fans.

Supply, delivery and installation of 183 pin 15 A flush type plug socket with 15/20A modular piano key type switch.

Supply, delivery and installation of 2T, 5Star Inverter type Split Air Conditioner machine.

Supply, delivery and installation of starter switch for 2 Tonne AC machine with DP MCB with plug top.

Supply, delivery and installation of 5 litre instant heating Water Geyser.

Point Wiring.

Distribution wiring for 15A/20A plug points and starter switch.

Circuit Wiring.

Earthing and related work.

Any work, considered required by the contractor and not mentioned hereunder, for successful completion of the project, is to be included in the item of bill of Quantity suitably which should be finalized in the pre bid meeting.

The work shall be carried out as per Indian Electricity Act, 2003, Indian Electricity Rules, 1956 with latest amendments and latest revised IS Code of Practice.

Including all appurtenant works as described and set forth in, Bill of Quantities, Special Conditions of contract, Technical Specification of works, and Specification of materials & Workmanship with all additional or varied works which may thereafter be required in Accordance with Clause 7 of General conditions of contract and as per direction of the Engineer-in-Charge.

The intending tenderer shall inspect the site of work in consultation with the Superintending Engineer (Electrical)-I, Syama Prasad Mookerjee Port and acquaint himself with the nature of Work before preparing his tender. His attention is drawn to the Conditions of Contract in this regard. No excuse on ignorance as to the site General Conditions will be entertained.

The work shall be carried out as per Indian Electricity Act, 2003, Central Electricity Authority (Measures relating to safety & electricity supply) Regulation, 2010 with latest revised IS code of Practice and relevant portion of National Building Code particularly with respect to fire safety and also code of practice for fire safety of buildings (general): Electrical Installations, IS: 1646: 1997 and code of practice for earthing IS 3043:1987 and Dock safety rule & regulation.

Danger Notice Plate at the installation shall have to be affixed by the contractor permanently in a conspicuous position.

The Contractor should arrange, at their own cost, all necessary tools, tackles, lifting machineries, transport etc., required for the execution of total work. They should also provide all materials, supervision, services, scaffolding and temporary lighting as required for work purpose etc.

TECHNICAL SPECIFICATIONS

Cable Laying

1.01 Item Details: - Following sizes of XLPE insulated, armoured, overall PVC sheathed armoured Al. conductor cable of approved make of 1100 volts grade conforming to IS: 7098(Part – I) / 1988 with latest amendment, are included under the scope of this tender

- a) 3.5 C x 25 mm² XLPE insulated PVC sheathed armoured Al. cable
- c) 4 C x 10 mm² XLPE insulated PVC sheathed armoured Al. cable

± 5% variation will be allowed as per practice.

It shall be ensured that before dispatch, both ends of the cables are properly sealed to prevent ingress of moisture in the insulation. Direction of arrow must be marked on the cable drum.

Laying Underground:-

Cable shall be laid generally in accordance with I S:1255-1983. The average depth of trench for laying cable shall be as below:-

- i) Directly on ground - 0.75 m.
- ii) At road crossing - 1.00 m.

The trenches shall be excavated in reasonably straight line, and where there is a change in direction suitable curvature shall be provided. with 12D radius where D is the diameter of the cable. Where gradients and changes in depth are unavoidable, this shall be gradual, except where otherwise directed by the Engineer. The cable shall be laid on a cushion of sand, protected with bricks placed on both sides (along the length of the cable) and top (across the length of the cable). After laying of the cable the duct shall have to be filled up by sand.

GI pipe also shall be used if depth of cable trench is less than 750mm and further excavation is not possible due to obstruction of existing material, which will be paid in actual. For one run of cable one GI pipe is to be considered. In other word two or more run of cable will not pass through one pipe. The cable trench shall be filled back with riddled soil obtained from excavation. This shall be done in layer and compacted. Cable route marker shall have to be provided at a maximum distance of 50 m.

Laying on wall or structure:

Where cable shall be laid on wall or structure, the cable shall be laid by using MS Clamp of adequate strength and size. The maximum distance between clamps shall not be more than 400mm. The cable shall run as straight as possible. There shall be GI pipe protection of 1 meter from each floor level during vertical run. When the cable shall pass through wall/floor etc necessary pipe protection shall have to be given. Where there is existing pipe between the floors is in a good condition, the same may be utilized. Neatness must be maintained.

Termination of cable shall have to be made by using suitable compression cable gland and sockets by crimping to the size of the cable.

LT Panel

The LT Panel will comprise of 100A, 415V, 50 KA , TPN MCCB as incomer with 3nos40 A, 415V, 35 KA,TP MCCB as outgoing units of adjustable thermal and magnetic setting mounted in a panel of sheet steel having thickness not less than 3.15 mm thick, with phosphatised, powder painted complete with copper bus bars (for phase and neutral), etc. conforming to IS norm.The panel should have a Digital Ammeter, Voltmeter, with selector switch, phase indication lamps

Installation

Compact modular designed LT Panel will be made of MS with front & rear access with protective devices removal from front having IP-54/31 protection fabricated from 3.15mm thick sheet steel and of **size & design approved by Engineer** or his representative.

The box shall be painted with epoxy painting on outside surface and two coats of synthetic enamel paint of approved colour over one coat of red lead paint on inside surface (in accordance with IS 13032, IS 8623).

Gland plate should be punched for bottom entry of cable

Distribution Boards and Sub Distribution boards.

The DBs and Sub DBs should be factory built /fabricated TPN/SPN distribution boards of sheet steel, phosphatised, powder painted complete with bus bars, neutral links, blanking plates etc. conforming to IS norm. The MCCBs should be adjustable thermal and fixed magnetic setting type.

Installation

The DBs and Sub DBs are to be installed on wall by conforming to conceal wiring and are to be double earthed adequately.

The DBs and Sub DBs are to be provided in accordance to the specification mentioned in BOQ.

Luminaries

The LED luminaries to be supplied are to be in accordance with the details mentioned in BOQ

It is to be ensured by the contractor that the Luminaries do not contain mercury and are environment friendly and does not emit UV or IR radiations. The luminaries to have long life and have high performance electronic driver to ensure minimum maintenance.

Installation:

The luminaries are to be installed in the respective areas with suitable arrangement. 7W and 10W LED lamps are to be suitably mounted on lamp holder.

Ceiling Fans, Exhaust Fans, Cabin Fan

Item details

Energy saving, 3 blade, ball bearing type, armature with copper winding, ceiling fan of 1200 mm sweep complete with blade, canopy similar to that of Havells make Pacer model or equivalent to any other approved make of appropriate colour are to be provided.

Axial flow type exhaust fans of size 300mm sweep complete with blade & shutter which should be dust and water proof, capable of giving good ventilation effect with low noise having copper coil wounded armature similar to that Havells make turbo jet deluxe type or equivalent to any other approved make are to be provided.

Wall Fans of 400 mm sweep of swinging type to with-stand fluctuations in voltage provided with ball bearings similar to Havells Make Swing type or equivalent to any other approved make of appropriate colour are to be provided and the fans should give optimum performance & provide effective cooling.

Call-bell.

(Item details)

230V, AC/DC Call-bell (Approved make) on HW board including S&F HW board with bell push shall be provided

Installation

The AC Buzzer shall be installed at the suitable location and push switch shall be installed at the room as directed.

AC Starter for Air-conditioner Machine

AC Starter suitable for 2.0 T AC units : These units shall be surface mounted push button type AC starter suitable for 2Ton A.C m/c , with plug top, DP MCB and socket shall be provided . The plug top and socket shall be installed at the suitable location near to the AC. The starter unit with DP MCB shall be installed at the suitable location so that the same can be operated easily.

2T, 5 Star rated, Inverter type Split AC Machine with copper condenser are to be

Wiring, wires

Details are given in BOQ. **As the building will be covered with glass on three sides , it may so require that conduit for wiring may have to be laid below the floor .**

Earthing :

All distribution boxes shall have to be earthed in accordance with the requirement of Indian Electricity Rules and IS 3043. Interconnections of two earth stations have to be done by 25 x 6 mm GI flats shall be used for same.

Earthing shall be provided with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts long and 1x4 SWG GI (Hot Dip) wire (4 Mts. Long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mt. long) to be filled with

bitumen, partly under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the ground level & restoring surface duly rammed.

Masonry enclosure shall be provided on the top of earth electrode of overall size 86.36cm x 86.36cm x 46cm deep (below Ground level) complete with cemented brickwork (1:6) of 25 cm width duly plastered with cement mortar (inside) CI hinged inspection cover of size 35.56 x 35.56 cm with locking arrangement, GI reducer including drilling of 46 nos 12 mm dia holes on the GI pipe and treatment of soil by using salt & charcoal or coke for plate electrode

N.B- The above specification are bare minimum and if any bidder provide higher specification products after becoming L-1, they are welcome at no extra cost

Other Items specifically not mentioned in the T.S. shall be as per BOQ. Any other item required for installation but specifically not mentioned either in the BOQ or the T.S. like requisite length of MS Pipes, clamps and accessories shall be deemed to be included in the rates for installation of the items for which these items are intended. Tenderers are advised to build up the installation prices accordingly. Any claim in this regard on the plea that the item is not specifically mentioned shall not be entertained.

Cleaning of site.

On completion of works, the contractor shall reinstate and make good at his own expense any property or land which might have been disturbed and/or damaged by his works. Contractor should also clean the site as required during execution and fully clear the site after completion of all the works. Any holes/drillings/openings/damages made on the wall/roof for drawing of cables/installation of equipments shall be made good by the tenderer at his own cost. The contractor shall dispose of the debris in connection with this job beyond the dock area all at his own expenses by his own transport and labour and clean out all part of the work and leave everything clean and tidy to the entire satisfaction of the Engineer.

List of Approved Makes

Item	Make
CABLE	GLOSTER/HAVELLS/POLYCAB/KEI
MCCB,MCB,DB, Change Over Switch,Timer Switch	L&T / SIEMENS / Legrand / Schnider
Cable Termination Kits	Raychem/3M
Luminaries, lamps.	Philips/ Bajaj/ Crompton/Havells/Wipro
PVC Copper wire for internal wiring	Finolex/Havells/Gloster/Polycab
Modular Piano type switches/ Socket/CeilingRose/ Electronic regulator.	Havells/Anchor/ Ellora/ Precision
Ceiling Fan	Havells/Usha/Orient /Crompton Greaves/Polar
Starter for A.C. machine	Havells/North West/Anchor/ Crabtree

AC machine	H o chi/Mitsubishi/Daikin
Geysers	Venus/Crompton/Havells/Bajaj

4.1 LOCATION

The work shall have to be executed at **Netaji Subhash Dock, Kolkata.**

5. ACCESS TO THE SITE:

(a) By Road: From **CGR** Road.

(b) By Circular Rail: **Kidhirpur** Railway Station

6. WORK SITE:

The work site is located Within **Netaji Subhash Dock** Area of Syama Prasad Mookerjee Port, Kolkata. Tenderer must visit the work site and its surrounding before submission of the tender, so that due consideration is given to the local conditions at site. The intending tenderer should contact **Superintending Engineer (Netaji Subhash Dock) 51, C.G.R. Road, Kolkata 700043** and **Superintending Engineer (Electrical, M&EE Deptt) No. 8 Work Shop , Kolkata 700043** to make the site inspection along with his representative.

7. INSPECTION OF SITE:

The Bidder shall inspect the site of work and thoroughly familiarise himself with the nature of work, site conditions, and access to the site and location before submission of the tender. He should contact the **Superintending Engineer (Netaji Subhash Dock) at his office at 51, C.G.R. Road, Kolkata 700043 for Civil Work** and for Electrical work **Superintending Engineer (Electrical) at his office at No. 8 Work Shop at G.R. Road, Kolkata 700043** collecting information about the site before submission of the tender. No excuse will be entertained afterwards on the above ground. In case any part of the site cannot be handed over to the successful Bidder in time, no compensation for loss of labour or any other cause nor any claim will be entertained by the Trustees. Suitable extension of time shall, however, be granted to the successful Bidder on that ground if applied for.

8. SITE CONDITIONS & METHOD OF WORK:

The work shall have to be executed at Within Dock Area of Netaji Subhash Dock under the jurisdiction of **NSD** (Netaji Subhash Dock) Division as detailed in the Scope of Work & B.O.Q.

The contractor shall take adequate measures so as to execute the work with due regard to the above. The cost of which shall have to be included in the quoted rates.

Further, if so required by the Engineer in the interests of normal working of the Port, if it is found necessary to shift / suspend some construction activity for some duration, this shall be done in compliance with the instructions of the Engineer and as per relevant clause of the G.C.C. The bidder shall consider all the above points while quoting as no separate claim for idle charges towards labour, material will be considered for payment.

Proper care should be taken to provide adequate protection to the existing structures and cables (telephone, computer, etc) all such installations against any damage at the Contractor's risk and expense. Any damage / defect to existing structures arising due to the faulty execution of the work shall have to be rectified forthwith as directed to the satisfaction of the Engineer, without charging extra.

9. TIME OF COMPLETION

The work is urgent in nature and must be commenced immediately on receipt of the work order and to be completed in all respects within **08 (Eight) Months**, including preliminary time from the date of placement of work order.

10. SUFFICIENCY OF TENDER:

i) The tender drawings and all data / information as furnished herein or inspected and / or collected by the tenderer for the purpose of the work should be properly assessed, interpolated or utilised in his offer at his own responsibility and SMPK does not guarantee sufficiency or adequacy of the data / information so supplied to him or collected or understood by the tenderer.

ii) The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates stated in the priced Bill of Quantities and the rates shall cover all his obligations under the contract and all matters and things necessary for the proper construction, completion, commissioning and maintenance of the work.

iii) In case rate of particular item is printed erroneously in B.O.Q., the rate stated in the schedule of rates will prevail over the rate misprinted in B.O.Q.

iv)

11. ACCESSIBILITY FOR CHECKING AND SUPERVISION.

The engaged Contractor is to provide necessary arrangement for free access to the SMPK officer's and personnel for supervision and checking of the subject work at his own cost.

12. PROGRAMME AND PROGRESS:

The contractor shall submit a detailed **programme of work** within **7 [seven] days** from the date of Work Order / L.O.I. showing the commencement, duration and completion time of all major items of work including procurement of all materials etc. The sequence of work shown in the programme must be practicable and compatible with technical specifications and conditions prevailing at site.

The contractor shall maintain the progress of work as per the approved programme. In case of any slippage of programme the engineer may require the contractor to augment the input of plant, equipment, labour of any item as he may deem fit. The contractor shall comply with the engineer's directive in this regard, without any extra charge whatsoever.

In case of delays caused due to conditions or circumstances beyond the control of the contractor, the delays must individually be informed to the Engineer forthwith in writing and his acceptance in writing obtained.

13. RESPONSIBILITY OF THE CONTRACTOR FOR METHODOLOGY OF WORKS:

i) The Contractor shall be solely responsible for the methodology and detailed working for the whole of the works, keeping in mind the site conditions and shall supply to the Engineer such particulars thereof as he may require from time to time.

ii) The Contractor shall submit within the time stipulated by the Engineer in writing, the details of actual methods that would be adopted by the Contractor for the execution of each item of the work supported by necessary details.

iii) Approval, for the Drawings and sketches, if necessary including those of the plant and machinery that would be used, their locations, arrangements for conveying and handling materials etc., should be obtained from the Engineer well in advance for starting each item of work. The Engineer reserves the right to suggest modifications or make concrete changes in the methods proposed by the Contractor whether accepted previously or not at any stage of the work, to obtain the desired accuracy, quality and progress of the work, which will be final and binding on the Contractor.

15. MATERIALS:

It will be the responsibility of the contractor to make timely procurement of all materials for both temporary and permanent works required in accordance with the Bill of Quantities or for any extra/additional work required as per the directions of the Engineer. The contractor shall procure cement, reinforcement steel and other materials from manufacturers approved by the Engineer-In-Charge.

The contractor will be allowed to take away surplus materials on completion of the work, subject to Engineer's verification of contractor's records of entry and consumption of materials in the works.

16. QUALITY CONTROL:

Quality control is an essential part in the construction of and must be based on proper objective and qualitative measurement. The Contractor will have the full responsibility for quality control and delivering the acceptable quality in the field. Regular appraisal of the quality control to the Engineer should be made for effecting improvements in the construction techniques to ensure satisfactory quality of work. The quality control function shall include but not be limited to the following items.

17. SAMPLING AND TESTING OF CONSTRUCTION MATERIALS:

Essentially to be carried out on the materials brought to site for construction work unless permitted otherwise by the Engineer. The Contractor shall undertake all field tests and laboratory tests for all such materials and workmanships as directed by the Engineer or his representative at his own cost. The samples shall be taken for test jointly by the representatives of the Engineer and the contractor at the worksite and tested /sent to a Govt. registered laboratory or Institutional laboratory as may be decided by the Engineer for testing. In case of field test, the contractor shall undertake the test by his own testing equipments or by any approved agency in presence of the representatives of the Engineer and the contractor at the worksite. All the testing charges and all incidental charges like packaging and transporting the test samples, equipments etc. shall be borne by the Contractor.

18. SPECIFICATIONS/ CODES AND STANDARDS:

All works under this contract will be executed according to the Trustees' Specification for works. Whenever the details are not specifically covered in the specifications, relevant provisions in the latest revision and/ or replacements of the Indian Standard Specifications (IS) or any other International Code of Practice/ CPWD specifications will be followed. The Contractor shall have to procure copies of such codes/ standards for ready reference of his own personnel as well as the Engineer or his representative at site at his own cost and without any additional reimbursement.

19. TEMPORARY WORKS:

The successful tenderer shall allow for providing labour and materials for the construction and removal of all temporary works, e.g. site office, site store, scaffolding, fencing lighting; watching, tube well and pipe lines etc. required for constructional purpose as well as for drinking water purpose of contractor's men, water supply, vats, platform, etc. as may be necessary for the successful execution, completion and maintenance of works without any extra cost to the Trustees and the rates should be quoted accordingly. No rent shall, however, be charged to the contractor for construction/erection of such temporary sheds and structures.

20. PLANT & CONSTRUCTIONAL EQUIPMENT

The contractor shall supply his tools, plants and constructional equipments within his quoted rates. A list of plant as intended to be employed by the tenderers in this construction must be furnished with full details along with the tender.

21. CONTRACT PRICE:

The “**Contract Price**” for this contract means the sum named in the tender subject to such additions thereto, deductions there from or reductions due to supply of any materials by the Trustees’ as provided for in the Contract.

22. SETTING OUT OF WORK AND INITIAL MEASUREMENTS:

The Engineer shall provide the initial reference and Bench Mark for the setting out of work. It will be the contractor’s responsibility to set out the work accurately and get them checked by the Engineer. The Contractor shall provide at his own expense all necessary instruments, staff and labour for the checking of the survey.

The Contractor shall be responsible for the true setting out of the work and for the correctness of all dimensions, levels, lines, positions and alignment. Any error in any part of the works shall be rectified by the Contractor at his own cost. The Contractor would set up inspection facilities at Site at his own cost.

23. FORWARDING OF MATERIALS:

The contractor shall have to arrange transport for forwarding any useable/ saleable materials that may be found during the process of execution of the work to the Trustees’ Sales yard or any other site/ godown including labourers, transportation, loading, unloading all complete as per the direction of the Engineer or his representative at site. No separate payment will be made to the contractor on this account unless specifically mentioned in the B.O.Q.

24. PARTICULARS OF EXISTING WORKS:

Such information as maybe given in the specification as to the existing features and works other than those now under construction as part of “Syama Prasad Mookerjee Port, Kolkata” given without warranty of accuracy and neither the Trustees nor the Engineer will be liable for any discrepancies therein.

25. SAFETY MEASURES:

The contractor shall adhere to safe construction practice, guard against hazardous and unsafe working conditions and follow all safety precautions for prevention of injury or accidents and safeguarding life and property. The contractor shall comply with relevant provisions of Dock Workers (Safety, Health and Welfare) Act – 1986 and Dock Workers (Safety, Health and Welfare) Regulation – 1990 and Safety Officer of the Trustees or Safety Inspectors shall be afforded all facilities for inspection of the works, tools, plant, machineries, equipments etc. wherever so required. The contractor shall further comply with any instruction issued by the Engineer, Trustees’ Safety Officer, Safety Inspector in regards to safety which may relate to temporary, enabling or permanent works, working of tools, plants, machineries, equipments, means of access or any other aspect.

The contractor shall provide all necessary first aid measures, rescue and life-saving equipment to be available in proper condition.

The contractor shall provide PPE’s (Personal Protective Equipments) such as, helmet, safety shoe etc. to all workers and shall also provide job specific PPE’s e.g. safety belts for working at heights;

protective face and eye shield, goggles, hand gloves for welding / gas cutting works; protective foot wear and gloves for hot works; facemasks, gloves and overalls for painting works, mixing and handling materials etc. as directed by the Engineer-In-Charge.

All safety rules shall be strictly followed while working on live electrical systems or installations as stipulated in the relevant safety codes.

Use of hoisting machines and tackles including their attachments, construction tools, machineries and equipments shall comply to the relevant safety codes.

Before allowing workers in sewers, manholes, any duct or covered channel etc, the manhole covers shall have to be kept open and ventilated at least one hour in advance and necessary safety torches / lamps should be inserted first before allowing entry to the worker. Suitable hand gloves and other safety gear will be provided to the worker during handling / removing of slushes / sludge etc. without any extra cost. The contractor shall adopt all the above safety measures at his own cost.

The successful bidder shall also ensure that –

- (i) No damage is caused to plants and vegetations unless the same is required for execution of the project proper.
- (ii) The work shall not pollute any source of water / land / air surrounding the work site so as to affect adversely the quality or appearance thereof or cause injury or death to animal and plant life.
- (iii) His office & labour hutment etc. shall be maintained in a clean and hygienic condition throughout the period of their use and different effluents of the labour hutment shall have to be disposed off suitably.

26. HOLIDAY OR SUNDAY WORK:

Subject to provisions in local Acts and any statutes of the State, the Contractor shall arrange for working on Holidays and Sundays whenever so desired by the Engineer to expedite progress and complete the works in time.

The Contractor shall not be entitled to any additional payment for taking up works on Holidays and Sundays. The Contractor should be prepared to resort to round-the-clock working by following shift timings for labour.

27. POWER SUPPLY:

If available and if required, suitable power supply may be arranged by the Trustees at the nearest existing supply point of the site of work on receipt of request letter from the Contractor to that effect. All necessary arrangements for the distribution at site will have to be made by the Contractor at his own cost as approved by the Trustees' Engineer or his representative.

Charges for consumption of power shall be periodically recovered from the Contractor's Bill at the rates of SMPK as prevalent amended from time to time including installation and hire charges for meters. The Trustees do not guarantee uninterrupted power supply from the above sources and Contractor shall not be compensated for any delay in providing / irregularity of power supply. The Contractor shall have to arrange for the supply of power at his own cost during such periods.

28. WATER:

The Contractor will arrange for supply of water both for drinking and for construction purposes. However, on written request from the Contractor, water for drinking purposes may be made available free of cost from the existing water line of the Trustees at a point near the site of work. The contractor will have to arrange for laying pipelines, as necessary, as per approval of the Engineer or his representative, for storing and distributing the same to the work point at his own cost.

- i) Under no circumstances, the contractor would be allowed to use such drinking water for constructional works.
- ii) In any case Dock water will not be allowed to be used for any work including curing.

29. KEEPING THE SITE AND WORKING AREA CLEAR:

The Contractor shall at all times keep the site and working areas free from all surplus materials, rubbish and offensive matter all of which shall be disposed off in a manner to be approved by the Engineer's Representative.

30. PROTECTION OF EXISTING SERVICES:

The contractor must pay full attention to the fact that the existing service facilities for users are not distributed at any time due to storing of materials and rubbish and take every precaution to keep the entrance passage clear if the same are being used by the laborers. The contractor shall be held liable for all damage and interference to the existing service, caused by him in execution of works. Should any damage be done to the existing services, in general, the contractor shall make good the same and any further work considered necessary by the Engineer's representative without any delay otherwise the cost of such repairing shall be recovered for his running bill for which Engineer's decision shall be final and binding.

31. CLEANING DURING EXECUTION AND AFTER COMPLETION:

On completion of the works the contractor shall reinstate and make good at his own expense any property or land which might have been disturbed and/or damaged by his works. He should also clean the site as required during execution and fully clear the site after completion of all the works.

The contractor shall forward any usable materials found during the course of construction at the work site or its vicinity to SMPK stores/yards, dispose off the debris beyond the port area all at his own expenses by his own transport and labour and clean out all part of the work and leave everything clean and tidy to the entire satisfaction of the Engineer, failing which suitable deduction will be made from final bill as per discretion of the Engineer/Engineer's representative.

32. METHOD OF MEASUREMENT:

Unless otherwise specified in the Particular Specifications and Bill of Quantities, the work shall be measured according to the current P.W.D.'s (Building, S&P & Road) Schedule of Rates (2014), Govt. of West Bengal and analysed rate. For details of measurement not covered by the above S.P.-27 1987 of B.I.S. shall be referred to.

33. ON ACCOUNT PAYMENT:

On account payment to the Contractor shall be arranged as and when required at the discretion of the Engineer on the basis of measurements of completed works at the quoted rates in the Bill of Quantities. The terms of payment shall be in accordance with Clause-6 of the General Conditions of Contract. The Bills should be submitted by the contractor in quadruplicate to the Office of the respective **Superintending Engineer (Netaji Subhash Dock) and Superintending Engineer (Electrical, M&EE Deptt.)** with necessary documents in original. Subject to the availability and feasibility of system, SMPK may make payment directly to the contractor's designated bank account. For this purpose, the contractor will have to indicate (i) name of bank (ii) branch name (iii) branch code and (iv) designated account number in the "Abstract Form Of Tender". In case payment is made directly through bank, the contractor may be required to submit a pre-receipt as per instruction of SMPK.

34. LABOUR, TOOLS & PLANTS:

The Contractor shall supply all necessary labour, tools and plants required for satisfactory execution of the work.

35. ESCALATION / VARIATION ON PRICES: 29

No Escalation / Variation on the prices on any account will be considered for adjustment / payment.

36. CONTRACT LABOUR LAWS:

The contractor shall be required to comply with the Minimum wages Acts 1948, Employees Liability Act, 1938, Industrial Disputes Act, 1947, and The Contract Labour (Regulation and Abolition) Act, 1970, or statutory amendments and the modifications thereof, any other laws relating thereto and the rules made there under from time to time. **Payment to the labourers to be made as per the minimum wage rates fixed by Chief Labour Commissioner (Central) and as per M.W.A. Govt. of W.B. whichever is higher and revision from time to time.**

It will be the duty of the contractor to abide by the provisions of the Act. Ordinances, Rules, Regulations, Byelaws and Procedures as are lawfully necessary in the execution of the works. The contractor will be fully responsible for any delay/damage etc. and keep the Engineer indemnified against all penalties and liabilities of any kind for noncompliance or infringement of such Acts, Ordinances, Rules, Regulations By-laws and Procedures. **The Contractor shall comply to the Employees' Bonus rules & to pay Bonus once a year to his workmen accordingly, for which no extra payment shall be made to the Contractor.**

The contractor shall indemnify the SMPK against payment to be made under or for the observance of the laws aforesaid without prejudice to his right to claim indemnity from his subcontractor.

The aforesaid regulations shall be deemed to be a part of this contract and any breach thereof shall be deemed to be a Breach of Contract. It will be obligatory on the part of Contractor to obtain necessary Labour Licence from the Competent Authority for deploying requisite Nos. of labours in the work and submit to the Engineer-In-Charge prior to commencement of the work.

The contractor shall also be required to comply regarding 'Workmen Compensation Act, 1923 as amended by Amendment Act No.65 of 1976'

In addition to the above, the Personal Injuries (Compensation Insurance) Act, 1963 and any modifications thereof and rules made there under from time to time. The contractor shall take into account all the above said financial liabilities in his quoted rates and nothing extra, whatsoever, shall be payable to him on this account.

The Contractor shall indicate maximum number of workmen to be engaged on any day for execution of the work in the appropriate place in the ABSTRACT FORM OF TENDER & he shall have to obtain a regular /permanent license as per sec12(1) of the Contract Labour Act.

Further, whenever a contract work has commenced or completed, the contractor has to intimate the same to the Assistant Labour Commissioner (Central) /labour Enforcement Officer (Central) in Form IV-A within 15 days of such commencement or completion.

The contractor has to arrange for displaying the name of the Regional Labour Commissioner (Central), Asst. Labour Commissioner (Central) & Labour Enforcement Officer (Central) at his worksite(s). The contractor shall inform the Principal Employer the date, time & venue of disbursement to be made by him to his workers.

The successful bidder shall also be required to put up a notice at the site of work mentioning the date, time & venue of disbursement to be made by him to his workers and he or his authorized representative shall have to be present during period of disbursement.

37. COMPLIANCE WITH E.P.F & M. P. ACT & ESI Act 1948:

The successful contractor will have to comply with provision of EPF & MP Act 1952 and also for Employees State Insurance Act 1948 (along with amendments, if any), issued from time to time as applicable.

If asked for by the Employer, the contractor will be required to submit photocopy of all payment challans and produce the original for verification to the representative of the principal employer, i.e. **Superintending Engineer (Netaji Subhash Dock)**.

38. INDEMNIFICATION:

The successful bidder shall be deemed to indemnify and keep indemnified the Trustees from and against all actions, claims, demands and liabilities whatsoever under and in respect of the breach of any of the provisions of any law, rules or regulations having the force of law, including but not limited to –

- a) The Minimum Wages Act, 1948.
- b) The Dock Workers (Regulation of Employment) Act, 1948
- c) The Building and Other Construction Workers (Regulation of Employment & Conditions of Service) Act, 1996
- d) The Dock Workers' Safety, Health & Welfare Act, 1986
- e) The Payment of Wages Act, 1936.
- f) The Workmen's Compensation Act, 1923.
- g) The Employees Provident Fund Act, 1952.
- h) The Contract Labour (Regulation and Abolition) Act, 1970; Rules 1971.
- i) The Equal Remuneration Act, 1976.
- j) The Employees State Insurance Act, 1948 & Employees State Insurance (Amendment) Act ,1989
- k) Child Labour (Prohibition and Regulation) Act, 1986.
- l) The Maternity Benefits Act 1961
- m) Interstate Migrant Workmen (Regulation of Employment & Conditions Of Service) Act, 1979.
- n) Motor Vehicle Act, latest revision.
- o) The payment of Bonus Act,1965.

39. TAXES & DUTIES:

The prices quoted shall be including all statutory levies excluding GST, which shall be paid extra. Supplier/service provider to confirm that the GST amount charged in invoice is declared in its returns and payment of taxes is also made.

- The Supplier/ Service Provider agrees to comply with all applicable GST laws, including GST acts, rules, regulations, procedures, circulars & instructions thereunder applicable in India from time to time and to ensure that such compliance is done within the time prescribed under such laws. Supplier/Service Provider should ensure accurate transaction details, as required by GST laws, are timely uploaded in GSTN. In case there is any mismatch between the details so uploaded in GSTN by Supplier/ Service Provider and details available with Syama Prasad Mookerjee Port, Kolkata, then payments to Supplier/Service Provider to the extent of GST relating to the invoices/s under mismatch may be retained from due payments till such time Syama Prasad Mookerjee Port, Kolkata is not sure that accurate tax amount is finally reflected in the GSTN to SMPK's Account and is finally available to Syama Prasad Mookerjee Port, Kolkata in terms of GST laws and that the credit of GST so taken by Syama Prasad Mookerjee Port, Kolkata is not required to be reversed at a later date along with applicable interest.

- Syama Prasad Mookerjee Port, Kolkata has the right to recover monetary loss including interest and penalty suffered by it due to any non-compliance of tax laws by the supplier/service provider. Any loss of input tax credit to Syama Prasad Mookerjee Port, Kolkata for the fault of supplier shall be recovered by Syama Prasad Mookerjee Port, Kolkata by way of adjustment in the consideration payable.
- Supplementary invoices/Debit note/credit note for price revisions to enable Syama Prasad Mookerjee Port, Kolkata to claim tax benefit on the same shall be issued by bidder for a particular year before September of the succeeding Financial Year.

The purchase order/ work order shall be void, if at any point of time bidder is found to be a black listed dealer as per GSTN rating system and further no payment shall be entertained.

40. SETTLEMENT OF DISPUTES:

If a dispute of any kind whatsoever arises between the Employer and the Contractor in connection with or arising out of the contract or the execution of the works, the same shall be dealt as per relevant provisions of the General Conditions of Contract.

41. CONTRACTOR TO EXECUTE CONTRACT AGREEMENT:

The contractor after acceptance of his tender shall be required to enter into and execute a Contract Agreement to be prepared in the form annexed to the General Conditions of Contract together with such modifications as may be necessary within one month from the date of placement of the order. The contractor shall have to submit copies in sextuplets of all documents; correspondence, connected papers etc. as detailed in the above form of Contract Agreement together with the instrument of Contract Agreement prepared on Non-Judicial stamped paper of requisite denomination having five more copies made on plain paper all at his own cost. The successful tenderer shall have to submit three sets of such Contract Agreement duly executed, sealed, signed and witnessed for execution by the Trustees. The other three sets shall be completed in all respects but not signed. If the successful tenderer or tenderers are a partnership concern, they will have to get Agreement signed by all the partners or by the partner who is authorized to sign for and on behalf of the other partners.

The contractor shall also comply with the requirements of Security Deposit for the due fulfillment of the contract. The blank proforma of tender documents shall be supplied in sextuplets to the successful tenderer free of charge for preparing the documents of the aforesaid Contract Agreement.

The successful tenderer shall have to copy out and prepare the documents of the Contract Agreement neatly and correctly. The necessary amendments, corrections etc. (if any) have to be done at his own cost. The successful contractor shall be required to keep close co-ordination and liaison with the Marine Department while executing the works. The **Superintending Engineer** in charge of the construction will direct the representatives of the contractor to maintain liaison with different sections of the other departments and the contractor must keep the concerned **Superintending Engineer** of the Civil Engineering Department informed and/or posted with the programme contemplated with other departments. The **Superintending Engineer** of the Civil Engineering Department shall be nodal authority in all these co-ordinations and / or liaison and all programmes must be vetted by him. In cases of exigencies, the contractor or his representatives may establish direct liaison/co-ordination but in all such case the **Superintending Engineer** should be informed promptly.

42. EMPLOYMENT OF LOCAL RESOURCES:

The contractor shall pay special attention to engage the maximum possible number of local Engineer, other technical personnel, office workers; labourers (skilled, semiskilled, unskilled)

both at site and in office, details of such recruitment etc. shall be submitted to the Engineer periodically or as and when called for.

43. KOLKATA PORT TRUST:

The expression “**KOLKATA PORT TRUST**” appearing anywhere in the tender documents, shall be construed to read as “**SYAMA PRASAD MOOKERJEE PORT, KOLKATA**”.

44. CLARIFICATION OF BIDS:

To assist in the examination and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakup/analysis of unit rates. The request for clarification and the response shall be in writing, but no change in the price or substance of the Tender shall be sought, offered, or permitted except as required to conform the correction of arithmetic errors discovered by the Employer in the evaluation of the Tenders.

No Tenderer shall contact the Employer on any matter relating to his Tender from the time of the Tender opening to the time the contract is awarded. If the Tenderer wishes to bring additional information to the notice of the Employer, he should do so in writing.

Any effort by the Tenderer to influence the Employer’s Tender evaluation, Tender comparison or contract award decisions, may result in the rejection of his Tender.

45. WORKMEN AND WAGES:

The Contractor shall deliver, if ordered, a weekly return for all labour employed in writing in the requisite form as instructed by the Engineer or his representative.

The contractor shall have to engage sufficient number of technically qualified and skilled persons to supervise and execute the work **and this should be mentioned in the letter head of the Firm.**

46. RATE FOR PAYMENT AGAINST EXTRA ITEMS:

For any unforeseen work not covered under the Bill of Quantities and Condition of Contract, depending on contingent situation at site, if required for successful completion of the work, extra items have to be carried out by the Contractor. If those items are already available in Trustees’ Schedule of rate, payment will be made on the basis of Trustees’ Schedule of rate; including surcharge in force at the time of acceptance of the tender, if any adopted by the Trustees with due regard to the accepted contractual percentage, if any, thereon, otherwise, if the rates are not available in the SMPK Schedule of Rates, then the Special Rates will be prepared as follows: -

(i) The rate of payment of work involving labour & material shall be fixed on the following basis.

- a) Cost of materials consumed including transport and wastage, plus
- b) Cost of labour actually engaged in the works, plus
- c) Taxes and Duties as applicable, plus
- d) 16 % on the aggregate of (a) and (b) towards overhead, profit and cess.

(ii) For any work involving only labour, rate of payment shall be fixed on cost of labour actually engaged in the work plus 11 % towards profit and cess.

(iii) For only supply of any material at site, rate of payment shall be fixed on actual cost of material plus transport, loading & unloading (if any) plus 11 % towards profit and cess.

47. DISPARITY IN QUOTED RATE/AMOUNT.

If there is any disparity between the quoted rate in percentage and the Tender Amount, the rate quoted in percentage shall prevail as the rate quoted by the tenderer and the Tender Amount shall be derived by adding/subtracting (as the case may be) this percentage

receipt of such instruction failing which the work may be done by the Trustees' by some other quoted in figures and in words, the rate quoted in words shall prevail.

48. DOCK PERMIT:

For works inside the Docks, Dock permit required for men, materials, vehicles and equipments etc. are to be procured by the successful tenderer **at free of cost** as per recommendation of the executing departments/divisions indicating the specific number of free permits to be issued. But for creation of individual IDs in permit system a charge as applicable, will be levied per person (one time) even for companies/ Individuals who have been granted permission to obtain free permits by SMPK. In case the work has to be carried out in an operational zone, the tenderer should keep in mind that the work is to be executed without hampering the operational activities and should complete the work within the stipulated time specified in the tender.

49. WORKING PERIOD:

Normally the work will be carried out between **8 A.M.** to **5 P.M.** on the Trustees' working days only. However, the tenderer should note that he might be required to carry out the job on Sundays, holidays and after normal working hours and at night in addition to the normal working hours to expedite the progress of the work if permitted by **Competent Authority**. The tenderer should include in his rates the cost, if any, involved on those accounts.

50. BANK GUARANTEE IN LIEU OF CASH SECURITY DEPOSIT:

Security deposit shall be recovered from the On A/C. Bill as per **Clause – 3.4 and 3.5 of General Conditions of Contract**. However, Bank Guarantee may be considered in lieu of Cash Security Deposit. In that case, the Contractor shall have to submit to the Engineer a performance Bond in the form of an irrevocable guarantee from any Nationalized Bank at Kolkata in the proforma as given in the G.C.C. In this context **Clause 3.6 of G.C.C.** may be referred to.

51. MEASURES AGAINST POLLUTION:

The contractor shall have to take proper measures against environmental pollution during execution of work as directed by the Engineer.

The contractor shall, abide by all the regulations and rules of Syama Prasad Mookerjee Port, Kolkata and those that may be issued from time to time without any extra cost to the SMPK.

52. PORT AREA OBLIGATIONS:

The Dock area is a custom bounded area and as such the contractor shall comply with all Regulations of the Port and Custom authorities and those that may be imposed from time to time in respect of the transit of all of contractor's plants, vehicles, materials, and staff in the area.

Whenever regulations so require, permits shall have to be obtained for such transit of Contractor's plants, vehicles, staff and workmen. The contractor shall instruct his staff and Workmen to comply with all requirements in this "Restricted Area".

The contractor shall suitably fence the area that may be allotted to him inside the "Bonded Area" of

the port for stores and other requirements to the full satisfaction of the Port and Security Agencies.

The contractor shall, abide by all the regulations and rules of Syama Prasad Mookerjee Port, Kolkata and those that may be issued from time to time without any extra cost to the SMPK. .

SCHEDULE T

ANNEXURE-C (Contd.)

SYAMA PRASAD MOOKERJEE PORT, KOLKATA

**CONCURRENT COMMITMENT(S) OF THE BIDDER (i.e. Works in The Hand Of The Bidder
At The Time Of Submission Of Tender Offer)****(To be submitted with Part-I of Offer)****Bidders must fill in the under noted columns.**

Sl. No.	Full particulars of works to be executed concurrently by the bidder. (i) Name of work. (ii) Client. (iii) W.O. No. & Date.	Sanctioned Tender Value. (in Rs.)	Completion time as stated in tender.	Name and address to whom reference can be made.
1	(i)			
	(ii)			
	(iii)			
2	(i)			
	(ii)			
	(iii)			
3	(i)			
	(ii)			
	(iii)			
4	(i)			
	(ii)			
	(iii)			

(To be submitted with Part-I of Offer) ANNEXURE-C (Contd.)
SCHEDULE 'O' SHEET – 1

The Bidders are also requested to furnish the following particulars: -

A) In case of Limited Company -

- 1) Name of Company :
- 2) Address of its present registered office. :
- 3) Date of its incorporation :
- 4) Full name and address of each of its Directors – any special particulars as to Directors if desire to be stated. :
- 5) Name, address and other necessary particulars of Managing Agents, if any appointed by the Company. :
- 6) Copies of Memorandum, Articles of Association (with the latest amendments, if any). :
- 7) Copies of audited balance sheets of the Company for the last **three years**. :

B) In case of a firm -

- 1) Name and address of the firm. :
- 2) When business started :
- 3) If registered a certified copy of certificate of registration. :
- 4) A certified copy of the Deed of Partnership :
- 5) Full name and address of each of the partners and the interest of each partner in the partnership – any special particulars as to partners if desired to be stated. :
- 6) Whether the firm pays income tax over Rs.10, 000/- per year :

(To be submitted with Part-I of Offer)

SCHEDULE 'O' SHEET – 2.

C) In case of an Individual:

1) Full name and address of the Bidder any special particulars of the Bidder if desired to be stated.

2) Name of the father of the Bidder.

3) Whether the Bidder carries on business in his own name or any other name.

4) When business was started and by whom.

5) Whether any other person is interested in the business directly or indirectly, if so, name and address etc. of such persons and the nature of such interest.

6) Whether the Bidder pays Income Tax over Rs.10, 000/- per year.

Dated:

(Full Signature of Bidder)

(Proforma of Performance certificate/credential of works)

[To be issued on issuing authority's letterhead duly signed with office seal]

1.	Name of the Certifying Authority:	
2.	Name of the work:	
3.	Name of the Contractor:	
4.	Schedule date of commencement and completion of the work as per Work Order:	
5.	Date of actual commencement of work & date of actual completion:	
6.	i) If there is time overrun, whether delay is due to the contractor (Yes/No.): ii) If yes, what is the extent of delay attributable to the contractor:	
7.	Sanctioned Tender value & Actual value executed:	
8.	Quality of work (Excellent/satisfactory/poor):	
9.	Remarks (If any):	

DOCUMENTS TO BE UPLOADED ALONG WITH PART –IScanned copy of the following documents to be uploaded: -

- i) GST registration certificate.
- ii)a) Valid Trade Licence (Valid for current period & also for type of work).
- ii)b) Copy of **Valid Electrical Contractor's License** and copy of **Valid Electrical Supervisor's License who will carry out & certify the electrical job**
- iii) Valid Professional Tax Clearance Certificate / Up to date tax payment challan. If this is not applicable, the bidder must submit a declaration in this regard.
- iv) Proof of possessing valid Employees' Provident Fund (EPF) Account. EPF Registration Certificate.
- v) Proof of being registered with Employees' State Insurance Corporation (ESIC), ESI Registration Certificate
- vi) Details of the firm as per Schedule-O (in Part-I) of the tender document duly filled up.
- vii) Credentials in the form of copies of Letters of Award of Works along with corresponding Completion Certificates from owners to justify that the intending bidder satisfies the earlier mentioned pre-qualification criteria.
- viii) Balance sheet and Profit and Loss account / Trading account for the last 3 (three) financial years (i.e. **2018–2019, 2019-2020 and 2020-2021**). **The same should be audited as per relevant norms wherever required along with UDIN of the Auditor**
- ix) Bank Draft/ Pay Order etc. regarding **Cost of EMD and Tender documents / valid NSIC certificate.**
- x) PAN Card
- xi) A list of technically qualified and skilled persons would be engaged to supervise and execute the work **(to be mentioned in the letter head of the Firm).**
- xii) Self- declaration of the bidder that the Bidding Firm has Not been debarred / de-listed by any Govt / Quasi Govt. / Public Sector undertaking in India **(to be mentioned in the letter head of the Firm).**
- xiii) Self declaration regarding the proprietor/partner(s)/authorized signatory of the bidding firm (in the case of proprietorship firm /partnership firm /limited company, as the case may be) is/are not associated with any other firm bidding for the same work **(to be mentioned in the letter head of the Firm).**
- xiv) A list of works which are in hand at the time of submitting the offer as per the enclosed proforma titled 'Concurrent Commitments of The Bidder' vide 'Annexure-C' (Schedule –T) in Part-I of the tender document.
- xv) Undertaking of the tenderer to be submitted as per enclosed Pro-forma (Annexure –D-1) in lieu of submission of signed copies of the full Tender document, G.C.C, addenda & corrigendum **in the letter head of the Firm.**

xvi) **Last page of “Bill of Quantities” & the “Form of Tender”** duly filled up (without price quoted) shall be duly signed and stamped by the Bidder.

N.B.-1 The bidder will have to produce the original documents or any additional documents, if asked for, to satisfy the Authorities.

N.B.-2 Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements and their EMD will be forfeited for such action.

NIT NO. SMPK/KDS/CIV /T/2669/28 DT. 19.04.2022

**[DOCUMENT TO BE DOWNLOADED, FILLED IN UNDER BIDDER’S LETTERHEAD, SIGNED,
SCANNED AND UPLOADED]
Undertaking to be submitted in lieu of uploading/submitted signed copy of full tender
document**

Ref. No.....

Dated:

The Chief Engineer,
Syama Prasad Mookerjee Port, Kolkata,
Civil Engineering Department,
15, Strand Road,
Kolkata – 700 001

Dear Sir,

1. We,..... (Name of Tenderer) have fully read and understood the entire Tender Document, GCC, Corrigendum and Addenda, if any, downloaded from under the instant e-tender and no other source, and will comply to the said document, GCC, Corrigendum and Addenda.

We are submitting this undertaking in lieu of submission of signed copy of the full tender documents GCC, Corrigendum and Addenda.

Yours faithfully,

Signature of Tenderer.....

Name:

Designation:

Date:

Seal of the tenderer:.....

SYAMA PRASAD MOOKERJEE PORT, KOLKATA

Office of the Chief Engineer,
Head Office Building, 15, Strand Road,
Kolkata 700 001.

Tele – 033 2230-3451 Extension: 398,399,400

Fax - (033) 2230-0413

E-mail ID: sk.halder@kolkataporttrust.gov.in &
ce@kolkataporttrust.gov.in

NIT No.: **SMPK/KDS/CIV /T/2669/28 DT. 19.04.2022**

**NOTE: Last Date of Download of tender documents
: 19.04.2022 (up to 14-00 hours)**

Tender is due for submission (by 15-00 hours) On 28.04.2022

Tender is due to open after 15-00 hours On 29.04.2022

PRICE BID

“Construction of the new Automation Building at Lock Entrance N.S Dock.”

ANNEXURE-E (CONTD.)**E-TENDER FOR “Construction of the new Automation Building at Lock Entrance N.S Dock.”****NIT NO: SMPK/KDS/CIV /T/2669/28 DT. 19.04.2022****PRICE BID****TENDER PARTICULARS**

ESTIMATED COST	Rs. 99,61,151.85/- (Rupees Ninety nine Lakh Sixty one Thousand One Hundred Fifty-One & Paise Eighty-Five Only)
EMD (Earnest Money Deposit)/ Bid Security	Rs. 1,99,230/(Rupees one Lakh ninety nine Thousand two Hundred thirty Only)
Cost of Tender document (Non-refundable)	Rs.1770/-(Rupees one thousand seven hundred and seventy only) including @18% GST)
TIME OF COMPLETION	08 (Eight) Months
PERIOD OF DOWNLOAD OF E-TENDER (Both Days Inclusive)	19.04.2022 to 28.04.2022 (UPTO 14:00 HRS.) (Bid document will be available on website https://kopt.enivida.in). Bidders will have to participate in bidding process through website https://kopt.enivida.in/only.
DATE AND TIME FOR PRE-BID MEETING & SITE VISIT	No pre- bid meeting
LAST DATE OF SUBMISSION OF E-TENDER AND OPENING OF THE TENDER	Submission on 28.04.2022 up to 15:00 hrs. Opening on 29.04.2022 after 15-00 hrs. (Both the Techno Commercial Part & Financial Part will be opened on the same date)

SYAMA PRASAD MOOKERJEE PORT, KOLKATA

**Office of the Chief Engineer,
Head Office Building, 15, Strand Road,
Kolkata 700 001.**

E-TENDER FOR “Construction of the new Automation Building at Lock Entrance N.S Dock.”

NIT NO: SMPK/KDS/CIV /T/2669/28 DT. 19.04.2022

1.1 The Bill of Quantities must be read with the General Conditions of Contract, the Special Conditions of Contract and the Particular Specifications of Work and the Bidder is deemed to have examined the above documents and to have thoroughly familiarize himself with the total scope of work and its mode of execution.

1.2 The quantities given in the Bill of Quantities are approximate only and are given to provide a common basis for tendering. Payment will be made according to the quantities of each item of work actually carried out at the accepted rates as per Order Letter. The measurements of each item of work shall be measured jointly by the Engineer-in-Charge or his representative.

1.3 General direction and description of work or materials given elsewhere in the contract documents are not necessarily repeated in the description of items in the “Bill of Quantities”.

1.4 The prices and rates entered by the Contractor in the “Bill of Quantities” shall be deemed to cover the complete and finished work, inter-alia, all costs and expenses which may be required for successful completion of the works together with all risks, liabilities, contingencies, insurance, octroi, royalties, taxes and obligations imposed or implied by the Contractor.

1.5 Where separate items such mobilisation, demobilisation, temporary works etc., have not been provided in the “Bill of Quantities” for works required under the Contract, then the cost of such works shall be deemed to have been included in the prices and rates of other items.

1.6 Without affecting the generality of the foregoing provisions, the prices and rates entered in the Bill of Quantities by the Contractor shall include inter-alia, all costs and expenses involved in or arising out the followings: -

1.7 The provision, storage, transport, handling, use distribution and maintenance of all materials, plans, equipment machineries and tools including all costs, charges dues demurrages or other outlays involved in the transportation.

1.8 The provision and maintenance of all his staff and labours and their payments, accommodation, transport, taxes and other requirements.

1.9 Setting out including the location and preservation of survey markers, measurement and supervision.

2.0 The provision, storage, transport, use handling, distribution and maintenance of consumable stores, fuel, water and electricity.

2.1 All First Aid, Welfare and safety requirements.

2.2 Damage caused to the works, plants, materials and consumables stores caused by weather.

2.3 Licence, fees and other charges for compliance of Government Acts and Rules that are in-force and applicable.

2.4 The Contractor should be held responsible for the safe custody of materials, machineries etc. at site procured by him or issued to him by the Trustees.

2.5 This being a percentage rate tender, the Bidder shall quote his rates as percentage above / below / at par with the estimated amount put to tender **on line** based on his own analysis. The Tender Price thus established would be taken for comparative evaluation of E-Tenderers

2.6 The Contractor shall at all times keep the site and working areas free from all surplus materials, rubbish, other excavated/offensive matter etc. all of which shall be disposed off in a manner to be approved by the Engineer's Representative.

2.7 On completion of the works the contractor shall reinstate and make good at his own expense any property or land which might have been disturbed and/or damaged by his works. He should also clean the site as required during execution and fully clear the site after completion of all the works.

The contractor shall forward any usable materials found during the course of construction at the work site or its vicinity to SMPK stores/yards, dispose off the debris beyond the port area all at his own expenses by his own transport and labour and clean out all part of the work and leave everything clean and tidy to the entire satisfaction of the Engineer, failing which suitable deduction will be made from final bill as per discretion of the Engineer/Engineer's representative.

**SYAMA PRASAD MOOKERJEE PORT, KOLKATA
(Formerly KOLKATA PORT TRUST)
Civil Engineering Department**

BILL OF QUANTITIES

E-TENDER "Construction of the new Automation Building at Lock Entrance N.S Dock."

NIT No: SMPK/KDS/CIV /T/2669/28 DT. 19.04.2022

BILL OF QUANTITIES

Part -A (Building)						
Item No.	Description of Item	Quantity		Rate Rs. P.	Unit	Amount Rs. P.
1	Earth work in excavation of the foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sand stone) including removing spreading or stacking the spoils within a lead of 75Mtr as directed. The Item including necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water etc. as required complete. Depth of excavation not exceeding 1500 mm.	210.00	Cum	11,927.00	Per % Cum	25,046.70
2	Earth work in filling in foundation trenches or plinth with good earth obtained from excavation of foundation in layers not exceeding 150mm including watering and ramming etc. layer by layer complete. (Payment to be Made on the basis of the Measurement of finish quality of work).	100.00	Cum	7,754.00	Per % Cum	7,754.00
3	Dismantle all types of Masonry excepting cement concrete plain or reinforced, stacking serviceable Materials at site & removing the rubbish as directed within a lead of 75 Mtr in ground floor including roof.	5.00	Cum	447.00	Per Cum	2,235.00
4	Dismantle all types of plain cement concrete works up to 150 mm thick stacking serviceable Materials at site and removing rubbish as directed within a lead of 75 Metre in ground floor including roof.	5.00	Cum	939.00	Per Cum	4,695.00
5	Cutting to requisite length or shape departmental R.S. joists, channels, angles, tees, plates etc. (payment to be made on area of cut surface)	500.00	Sq.cm.	8.00	Per Sq.cm.	4,000.00
6	Filling in foundation or plinth by fine sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity)	20.00	Cum	1,31,714.00	Per % Cum	26,342.80

7	Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches.	4	125.00	Sqm	24.00	Per Sqm	3,000.00
8	Provide and lay Single Brick Flat Soling of picked Jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.		330.00	Sqm	361.00	Per Sqm	1,19,130.00
9	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. Pakur Variety		35.00	cum	5,533.34	Per Cum	1,93,666.90
10(a)	Controlled Cement concrete with well graded stone chips (20 mm graded nominal size) excluding shuttering and reinforcement with complete design of concrete as per IS: 456 and relevant special publications, submission of job mix formula after preliminary mix design after testing of concrete cubes as per direction of Engineer-in charge. Consumption of cement will not be less than 300 Kg of cement with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on the basis of preliminary test and job mix formula. In ground floor and foundation. [using concrete mixture] M 20 Grade with Pakur Variety		80.00	cum	6,067.14	Per Cum	4,85,371.20
(b)	For 1st floor		55.00	cum	6,162.14	Per Cum	3,38,917.70
(c)	For 2nd floor		55.00	Cum	6,257.14	Per Cum	3,44,142.70
(d)	For 3rd floor		10.00	Cum	6,352.14	Per Cum	63,521.40
11(a)	Hire and labour charges for the shuttering with centering and necessary staging up to 4Mtr using approved stout props and 25 mm to 30 mm thick hard wood planked with required bracing for concrete slabs beams, columns, lintels curved or straight including fittings, fixing and striking out after completion of the works (up to roof of ground floor) as per the direction of Engineer – In – Charge. Steel shuttering or 9 to 12 mm thick approved quality ply board shuttering in any concrete work.		420.00	sqm	369.00	Per Sqm	1,54,980.00
(b)	For 1st floor		300.00	Sqm	387.00	Per Sqm	1,16,100.00
(c)	For 2nd floor		300.00	Sqm	405.00	Per Sqm	1,21,500.00
(d)	For 3rd floor		100.00	Sqm	423.00	Per Sqm	42,300.00
(e)	25 mm to 30 mm shuttering without staging in foundation		100.00	Sqm	209.00	Per Sqm	20,900.00
12.a	Provide Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16-gauge black annealed wire at every intersection, complete as per drawing and direction. For works in foundation and upto roof of ground		12.00	MT	60,150.00	Per MT	7,21,800.00

	floor/upto 4 m Tor steel/Mild steel. JSW/JSPL/SHYAM/ SRMB/BMASL /ELECROSTEEL /SSL	4				
b.	For 1st floor	8.00	MT	60,630.00	Per MT	4,85,040.00
c.	For 2rd Floor	8.00	MT	61,110.00	Per MT	4,88,880.00
d.	For 3rd floor	1.20	MT	61,590.00	Per MT	73,908.00
13	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. (This item is applicable to new work or old work when the original surface has been exposed by removal of old paint.)	70.00	Sqm	38.00	Per Sqm	2,660.00
14	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.(This item is applicable to new work or old work when the original surface has been exposed by removal of old paint.)	30.00	Sqm	29.00	Per Sqm	870.00
15	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary					
(a)	Two coats on timber or plastered surface (with any shade except white) With super gloss (hi-gloss)	70.00	Sqm	81.00	Per Sqm	5,670.00
(b)	Two coats (with any shade except white) With super gloss (hi-gloss) on steel surface.	30.00	Sqm	79.00	Per Sqm	2,370.00
16	Provide and lay bricks work with 1st class bricks in cement mortar (1:6).					
(a)	In foundation and plinth	50.00	cum	5,413.00	Per Cum	2,70,650.00
(b)	In superstructures, ground floor.	5.00	cum	5,636.00	Per Cum	28,180.00
(c)	For 1st floor	13.00	Cum	5,747.00	Per Cum	74,711.00
(d)	For 2nd Floor	16.00	Cum	5,858.00	Per Cum	93,728.00
(e)	For 3rd Floor	20.00	Cum	5,969.00	Per Cum	1,19,380.00
17.a	Providing and lay 125 mm. thick bricks work with 1st class brick in cement mortar (1:4). In ground floor	20.00	Sqm	736.00	Per Sqm	14,720.00
b	For 1st floor	170.00	Sqm	748.00	Per Sqm	1,27,160.00
c.	For 2nd Floor	45.00	Sqm	760.00	Per Sqm	34,200.00
d.	For 3rd Floor	15.00	Sqm	772.00	Per Sqm	11,580.00
	Internal Plaster					

18.a	Provide and lay plaster to wall, floor, and ceiling with sand & cement mortar (6:1) including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface by chipping, etc., including throating, nosing and drip course where necessary in ground floor. [Excluding cost of chipping over concrete surface] Ground floor 20 mm. thick plaster.	4920.00	Sqm	175.00	Per Sqm	56,000.00
b.	For 1st floor	205.00	Sqm	179.00	Per Sqm	36,695.00
c.	For 2nd Floor	115.00	Sqm	183.00	Per Sqm	21,045.00
d.	For 3rd Floor	125.00	Sqm	187.00	Per Sqm	23,375.00
External Plaster						
19.a	Provide and lay Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor). [Excluding cost of chipping over concrete surface] 15 mm. thick plaster with 1:6 Cement mortar For ground floor	100.00	Sqm	151.00	Per Sqm	15,100.00
b.	For 1st floor	175.00	Sqm	155.00	Per Sqm	27,125.00
c.	For 2nd Floor	125.00	Sqm	159.00	Per Sqm	19,875.00
d.	For 3rd Floor	130.00	Sqm	163.00	Per Sqm	21,190.00
20.a	10 mm thick Plaster with 1:4 cement mortar For ground floor	100.00	Sqm	133.00	Per Sqm	13,300.00
b.	For 1st floor	130.00	Sqm	137.00	Per Sqm	17,810.00
c.	For 2nd Floor	130.00	Sqm	141.00	Per Sqm	18,330.00
d.	For 3rd Floor	40.00	Sqm	145.00	Per Sqm	5,800.00
21	Provide and lay Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. Note: cement 0.152 Per Cum per 100 sq. Mtr.	200.00	Sqm	34.00	Per Sqm	6,800.00
22.a	Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand. (1.5 mm thick).					
i	For Ground Floor	215.00	Sqm	122.00	Per Sqm	26,230.00
ii	For 1st Floor	335.00	Sqm	122.00	Per Sqm	40,870.00
iii	For 2nd Floor	245.00	Sqm	122.00	Per Sqm	29,890.00
iv	For 3rd Floor	165.00	Sqm	122.00	Per Sqm	20,130.00
b.(i)	External surface For Ground floor	100.00	Sqm	122.00	Per Sqm	12,200.00
(ii)	For 1st Floor	175.00	Sqm	122.72	Per Sqm	21,476.00
(iii)	For 2nd Floor	125.00	Sqm	123.44	Per Sqm	15,430.00
(iv)	For 3rd Floor	150.00		124.16	Per Sqm	18,624.00

23.a	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC. [This item to be done under specific instruction of the Superintending Engineer] In Ground Floor one coat	100.00	Sqm	3,140.00	Per % Sqm	3,140.00
b.	For 1st floor	175.00	Sqm	3,211.00	Per% Sqm	5,619.25
c.	For 2nd floor	125.00	Sqm	3,282.00	Per % Sqm	4,102.50
d.	For 3rd Floor	150.00	Sqm	3,353.00	Per % Sqm	5,029.50
24.a	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of EIC to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. In Ground floor (Two Coat) Premium 100% Acrylic Emulsion	100.00	Sqm	84.00	Per Sqm	8,400.00
b.	For 1st Floor	175.00	Sqm	84.71	Per Sqm	14,824.25
c.	For 2nd floor	125.00	Sqm	85.42	Per Sqm	10,677.50
d.	For 3rd Floor	150.00	Sqm	86.13	Per Sqm	12,919.50
25	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothening of surface. Two Coats	480.00	Sqm	70.00	Per Sqm	33,600.00
26.a	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC. (In Ground Floor) One Coat Water based interior grade Acrylic Primer For 1st floor	300.00	Sqm	3,080.00	Per % Sqm	9,240.00
b.	For 2nd floor	50.00	Sqm	3,151.00	Per % Sqm	1,575.50
27	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer): (Two coats) Standard Quality For 2nd floor	350.00	Sqm	62.00	Per Sqm	21,700.00

28	Supplying 1.5mm thick M.S. sheet fitted and fixed 5 on one or both faces of M.S./ W.I. gate etc. with point welding at not more than 150mm apart complete in all respect as per design including cost of all labour and materials.	5.00	Sqm	977.00	Per Sqm	4,885.00
29	Supplying solid flush type doors of commercial quality, the timber frame consisting of top and bottom rails and side styles of well-seasoned timber 65mm wide each and the entire frame fitted with 37.5mm wide battens places both ways in order to make the door of solid core and internal lipping with Garjan or similar wood veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing shutters in position but excluding the cost of hinges and other fittings in ground floor. 35 mm thick shutters (single leaf)	15.00	Sqm	2,659.00	Per Sqm	39,885.00
30	Collapsible gate with 40mm x 40mm x 6mm Tee as top and bottom guide rail, 20mm x 10mm x 2mm vertical channels 100mm apart in fully stretched position 20mm x 5mm M.S. flats as collapsible bracings properly rivetted and washered including 38mm steel rollers including locking arrangements, fitted and fixed in position with lugs set in cement concrete and including cutting necessary holes, chasing etc. in walls, floors etc. and making good damages complete. In ground floor.	7.00	sqm	3,402.00	Per Sqm	23,814.00
31	Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Anodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composite door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - In- Charge. (Payment will be made on finished length of the work).					
a.	Bottom frame	20.00	Mtr.	218.00	Per Mtr.	4,360.00
b.	Top and side frame.	40.00	Mtr.	195.00	Per Mtr.	7,800.00
	Shutter for all track sliding window.					
c.	Bottom & Top member.	30.00	Mtr.	117.00	Per Mtr.	3,510.00
d.	Style side member.	40.00	Mtr.	119.00	Per Mtr.	4,760.00

.	Labour charge for fabrication and installation of composite door, window, partitions made from anodized extruded alloy aluminium sections for the following units:- (A) Glazed aluminium sliding windows made of extruded and anodized alloy aluminium sections, fabrications, including cutting to proper shape and size, drilling and aligning of window shutter frame fitted with in built locking arrangements, sliding rollers and other necessary fittings, fixture, adhesives and joineries along with extruded neoprene or EPDM gasketing in between window frame and masonry work (walls, column, beam, lintels etc.) as well as between glass and shutter frame for fixing glass and Polysulphide sealant and in between shutter and window frame where necessary including cutting to requisite size and fixing glass as per drawing, specification and direction of EIC. The rate includes the hire charge of all tools and plants, including all incidental charges, adhesive, joineries such as screw, cleat angle etc. but excluding the cost of extruded aluminium sections, glass, neoprene / EPDM gasket, locking arrangement and rollers. i) 2 track sliding window. Note: Add extra for each Addl. Floor over the rate of item 2A, 2B, 2C and 2D except 2A(vi) i) Upto 4th Floor Rs.12.00 per Sq.m	520.00	Sqm.	696.00	Per Sqm	13,920.00
f.	Supplying PVC rollers for sliding windows as per direction of Engineer in charge	100.00	nos.	14.00	Each	1,400.00
g.	Supplying maruti lock (100mm)	22.00	Nos.	46.00	Each	1,012.00
h.	Supplying EPDM gasket of approved make and brand as per direction of Engineer in charge For sliding windows 'U' shaped EPDM gasket for frames.	70.00	Mtr.	15.00	Per Mtr.	1,050.00
32	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. 5mm thick clear glass.	15.00	Sqm.	526.00	Per Sqm	7,890.00
33	Supplying fitting and fixing in position approved P.V.C. door frame (Matt finish) made of extruded P.V.C. multi-chamber hollow section having dimensions 60mm x 50mm x 2mm (+/-0.2mm), horizontal section will be joined with vertical section by galvanised steel screws after inserting two number steel brackets as reinforcement making suitable space for placing hinges, one steel tube 40mm x 20mm x 1.20 mm will be inserted on one full vertical side of the frame (hinge side) as reinforcement, the frame will then be fixed in the opening with the help of P.V.C. expandable fastener/wooden gutties and galvanised steel screws including cost of all materials and labour, hire charges of tools and appliances, carriage of all materials, taxes and all other incidental charges complete.	30.00	Mtr.	279.00	Per Mtr.	8,370.00

34	<p>Supplying, Fitting & Fixing 30 mm thick both side 5 prelaminated Factory made solid Panel PVC Door Shutter consisting of outer frame made out of M.S. tubes of 19-gauge thickness and size 19 mmx19 mm for styles, top and bottom rails, M.S.</p> <p>frame shall have cost of steel primers of approved make and manufacture, M.S. frame covered with 5mm th. heat moulded PVC "C" channel of size 30 mm th, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45-degree angle on either side forming styles; and 5 mm th. 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm tapered in 45 degree on the inner side to form top & bottom rail and 115 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered on both sides to form lock rail.</p> <p>Top, bottom and lock rails shall be provided either side of the panel with 10 mm (5 mmx2) th., 20 mm wide cross PVC sheet as gap insert for top rail and bottom rail sheet to be fitted in the M.S. frame welded/sealed to the styles & rails with 7 mm (5 mm+2 mm) th.x15 mm wide PVC sheet beading on inner side and joined together with solvent cement adhesive. An additional 5 mm th. PVC strip of 20 mm which is to be stuck on the interior side of the "C" channel using PVC solvent adhesive etc. complete excluding all necessary hardwares as per direction of Engineer-in- Charge.</p>	Sqm	2,438.00	Per Sqm	24,380.00
35	<p>Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be corrected upto three decimals).</p> <p>Sal local</p>	cum	77,671.00	Per Cum	23,301.30
36	<p>Provide iron butt hinges of approved quality fitted and fixed with steel screws, with I.S.I. Mark.</p>				
	<p>100 mm. x 58 mm. x 1.90 mm.</p>	No.	47.00	Each	1,410.00
37	<p>Provide iron socket bolt of approved quality fitted and fixed complete.</p>				
a	<p>i) 150 mm. long x 10mm. dia. bolt.</p>	No.	63.00	Each	945.00
38	<p>Anodised aluminium grip handle with base plate of approved quality fitted and fixed complete.</p> <p>225mm grip x 16mm dia rod x 38mm plate x 3.2mm thick.</p>	No.	177.00	Each	2,655.00
39	<p>Supplying 6 levers 'Godrej' Crystal Satine Mortice Lock with keys including fitting & fixing complete.</p>	No.	1,899.00	Each	15,192.00

40	Provide and fix 250 mm long Iron hasp bolt of approved quality fitted and fixed complete (anodised) with 16 mm dia rod with centre bolt and round fittings.	No.	159.00	Each	1,908.00
41	Door stopper (Anodised aluminium)	No.	70.00	Each	700.00
42	Hydraulic door closer of approved quality as per I.S.I. standard fitted and fixed complete. Medium (I.S.I. size 2)	No.	1,366.00	Each	10,928.00

43	Provide M.S. clamp for fixing door and window frame made of 40 mm. x 6 mm. 200 mm long flat bent bar end bifurcated fixed in cement concrete with stone chips (4:2:1) fitted and fixed as per direction (cost of cement concrete will be paid separately.	540.00	No.	25.00	Each	1,000.00
44	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 Per Nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.					
a.	Floor with Sand Cement Mortar (1:4) 20 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. (b) Area of each tile above 0.09 Sq.m Coloured decorative					
i.	For 1st floor	10.00	Sqm	925.00	Per Sqm	9,250.00
ii.	For 2nd Floor	10.00	Sqm	930.00	Per Sqm	9,300.00
b.	Wall with Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. (a) Area of each tile above 0.09 Sq.m Coloured decorative					
i.	For 1st floor	50.00	Sqm	1,114.00	Per Sqm	55,700.00
ii.	For 2nd floor	25.00	Sqm	1,119.00	Per Sqm	27,975.00
45	Supplying, fitting & fixing granite slab 15mm to 18mm thick in floor, lobby, stair, landing and treads etc. over 20mm (avg) thick base of cement mortar (1:2) laid with white cement slurry @ 4.40Kg per Square meter before placing of granite and jointed with white cement slurry @ 2.0 Kg per square meter with necessary pigments and complete as per direction of Engineer-in-charge including cost of all materials, labours, curing and roughening of concrete surface complete. for 1st floor Area of each Granite slab 0.6 to 1.0 Square meter.	5.00	Sqm	2,786.00	Per Sqm	13,930.00

46	<p>Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./Sq.M or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per Sq.M below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contractor)</p> <p>With application slurry @1.75 kg/ Sq.m, 20 mm sand-cement mortar (1:4) & 2 mm thick cement slurry at back side of tiles, 0.2 kg/ Sq.m white cement for joint filling with pigment Light Colour for 1st floor</p>	575.00	Sqm	1,290.00	Per Sqm	96,750.00
47.a	<p>Supplying and laying true to line and level Anti-Skid, Full Body, Homogeneous & Granular finish Vitrified Tiles conforming to IS:15622-2006 & IS 4457-2007 and testing shall be made in accordance with IS:13630 [Non- modular sizes for tiles with Skid resistance > 0.5, Mohr's hardness > 5.0, Staining resistance:Class-1, Water Absorption: E < 0.5%], MOR > 35 N/sq.mm in Internal area of building e.g. Toilet Block, Passage, Corridor, Accessible Open Terrace etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg./Sqm or using Polymerised Adhesive (6 mm thick layer applied directly over finished artificial stone floor/ Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per Sqm below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles/ epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contractor).</p> <p>In Ground Floor: Sizes-600 mm x600mm x10 mm with breaking strength > 1500 N</p>	15.00	Sqm	1,589.00	Per Sqm	23,835.00

b.	For 1st Floor	545.00		1,601.00	Per Sqm	72,045.00
c.	For 2nd floor	45.00		1,613.00	Per Sqm	72,585.00
d.	For 3rd floor	15.00		1,625.00	Per Sqm	24,375.00
48	Supplying, fitting and fixing Marble Slab/tile of 15 to 18 mm thickness in floor, lobby, stair, landing & treads etc. over 20 mm (av.) thck base of Cement mortar (1:2) laid with white cement slurry @ 4.4 kg/Sq.m before placing marble & jointed with white cement slurry @ 2.0 kg/Sq.m with necessary pigments including grinding and Granite polishing as per direction of Engineering -in -Charge in Ground Floor. {White cement and Pigment to be supplied by the Agency] With Chawk Dungri area of each tile exceeding 0.6 sq.m but not exceeding 1 sq.m.	10.00	Sqm	2,726.00	Per Sqm	27,260.00
	Extra cost of labour for prefinished and pre-moulded Nosing to treads of steps, railing, window sill etc. of Marble Stone.	10.00	Mtr.	258.00	Per Mtr.	2,580.00
	Extra cost of labour for Marble Stone Floor in treads of Steps.	5.00	Sqm	226.00	Per Sqm	1,130.00
49a	Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamp nails, including Making holes in walls, floor etc. cutting trenches in any soil through Masonry concrete structures etc if necessary and mending good damages including joining with jointing Materials (Spun Yarn, Valamoid/bitumen/M-Seal etc) complete. UPVC Pipes: 110 mm. Dia	80.00	Mtr.	251.00	Per Mtr.	20,080.00
b	Bend 87.5 degree 110 mm. Dia.	8.00	No.	140.00	Each	1,120.00
c	Shoe 110 mm. Dia.	8.00	No.	111.00	Each	888.00
50	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal /Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge	50.00	cum	166.00	Per Cum	8,300.00
51.a.	Provide M.S. or W.I. ornamental grill of approved design, joints continuously welded with M.S. W.I. flats and bars for windows railing etc. fitted and fixed with necessary screws and lugs, in ground floor. i) Grill weighing above 10 kg/sq. m. and up to 16 Kg. / Sq. m. The weight of grill per sq. m. will be determined by taking the physical weight of fabricated grill and dividing the same by covered area of the same. No shop priming will be allowed to facilitate inspection of workmanship. Weight of grill is to be taken after final grinding and finishing	1.50	Qtl	9,888.00	Per Qtl.	14,832.00

	the weld.	5				
b.	For 1st Floor	1.25	Qntl.	9,986.88	Per Qntl.	12,483.60
c.	For 2nd Floor	1.25	Qntl.	10,086.75	Per Qntl.	12,608.44
d.	For 3rd Floor	1.00	Qntl.	10,187.62	Per Qntl.	10,187.62
52	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-in- charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1956 & IS: 1995 using electrodes of approved make and brand conforming to IS:814-1957, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental changes such as electricity charges, labour insurance charges etc. Payment to be made on the basis of calculated weight of structural members only in finished work as per IS specified weight. Payment for gusset, bracket, cleat, rivets, bolts and nuts may be made by adding the actual weight of such items with the weight of finished structural members or 7% of weight for finished structural members weighing not less than 22.5 Kg. / m. or 15 % of weight for finished structural members weighing less than 22.5 Kg. / m. may be increased allow for bracket, cleat, rivet, bolts and nuts etc. and no separate payment being made for these items, as per direction of Engineer-in-Charge. The rates are considered for a height of erection 8m. / 2nd floor level from the ground. Add 1.5% extra over the rate for each additional floor or 4m. beyond initial 8m. or part thereof. For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/m	1.00	MT	72,603.00	Per MT	72,603.00
53	Designing, fabricating, testing, protection, installing and fixing in position semi (grid) unitized system of structural glazing (with open joints) for linear as well as curvilinear portions of the building for all heights and all levels, including:	190.00	Sqm	2,949.30	Per Sqm	5,60,367.00

<p>(a) Structural analysis & design and preparation of 5 shop drawings for the specified design loads conforming to IS 875 part III (the system must passed the proof test at 1.5 times design wind pressure without any failure), including functional design of the aluminium sections for fixing glazing panels of various thicknesses, aluminium cleats, sleeves and splice plates etc. gaskets, screws, toggles, nuts, bolts, clamps etc., structural and weather silicone sealants, flashings, fire stop (barrier)-cum-smoke seals, microwave cured EPDM gaskets for water tightness, pressure equalisation & drainage and protection against fire hazard including:</p>					
<p>Fabricating and supplying serrated M.S. hot dip galvanised/ Aluminium alloy of 6005 T5 brackets of required sizes, sections and profiles etc. to accommodate 3 Dimensional movement for achieving perfect verticality and fixing structural glazing system rigidly to the RCC/ masonry/structural steel framework of building structure using stainless steel anchor fasteners/ bolts, nylon separator to prevent bimetallic contacts with nuts and washers etc. of stainless steel grade 316, of the required capacity and in required numbers.</p>					
<p>Providing and filling, two-part pump filled, structural silicone sealant and one-part weather silicone sealant compatible with the structural silicone sealant of required bite size in a clean and controlled factory / work shop environment, including double sided spacer tape, setting blocks and backer rod, all of approved grade, brand and manufacture, as per the approved sealant design, within and all around the perimeter for holding glass.</p>					
<p>Providing and fixing in position flashings of solid aluminium sheet 1 mm thick and of sizes, shapes and profiles, as required as per the site conditions, to seal the gap between the building structure and all its interfaces with curtain glazing to make it watertight.</p>					

<p>Making provision for drainage of moisture/ water 5 that enters the curtain glazing system to make it watertight, by incorporating principles of pressure equalization, providing suitable gutter profiles at bottom (if required), making necessary holes of required sizes and of required numbers etc. complete. This item includes cost of all inputs of designing, labour for fabricating and installation of aluminium grid, installation of glazed units, T&P, scaffolding and other incidental charges including wastages etc., enabling temporary structures and services, cranes or cradles etc. as described above and as specified. The item includes the cost of getting all the structural and functional design including shop drawings checked by a structural designer, dully approved by Engineer-in-charge. The item also includes the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working structural glazing as specified, cleaning and protection till the handing over of the building for occupation. In the end, the Contractor shall provide a water tight structural glazing having all the performance characteristics etc. all complete as required, as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer- in-Charge.</p>					
<p>Note: - 1. The cost of providing extruded aluminium frames, shadow boxes, extruded aluminium section capping for fixing in the grooves of the curtain glazing and vermin proof stainless steel wire mesh shall be paid for separately under relevant items under this subhead. However, for the purpose of payment, only the actual area of structural glazing (including width of grooves) on the external face shall be measured in sqm. up to two decimal places.</p>					
<p>Note: -2. The following performance test are to be conducted on structural glazing system if area of structural glazing exceeds 2500 Sqm from the certified laboratories accredited by NABL (National Accreditation Board for Testing and Calibration Laboratories), Department of Science & Technologies, India. Cost of testing is payable separately.</p>					
<p>The NIT approving authority will decide the necessity of testing on the basis of cost of the work, cost of the test and importance of the work. Performance Testing of Structural glazing system Tests to be conducted in the NABL accredited lab or by any other accreditation body which operates in accordance with ISO / IEC 17011 and accredits labs as per ISO/ IEC 17025.</p>					

	<p>1. Performance Laboratory Test for Air Leakage Test (-50pa to - 300pa) & (+50pa to +300pa) as per ASTM E-283-04 testing method for a range of testing limit 1 to 200 mVhr</p> <p>2. Static Water Penetration Test. (50pa to 1500p) as per ASTME- 331-09 testing method for a range up to 2000 ml.</p> <p>3. Dynamic Water Penetration (50pa to 1500pa) as per AAMA 501.01- 05 testing method for a range upto 2000 ml</p> <p>4. Structural Performance Deflection and deformation by static air pressure test (1.5 times design wind pressure without any failure) as per ASTME-330-10 testing method for a range upto 50 mm.</p> <p>5. Seismic Movement Test (upto 30 mm) as per AAMA 501.4- 09 testing method for Qualitative test, Tests to be conducted on site.</p> <p>6. Onsite Test for Water Leakage for a pressure range 50 kpa to 240 kpa (35psi) upto 2000 ml</p>	6				
54	<p>Providing, assembling and supplying vision glass panels (IGUs) comprising of hermetically-sealed 6-12- 6 mm insulated glass (double glazed) vision panel units of size and shape as required and specified, comprising of an outer heat strengthened float glass 6mm thick, of approved colour and shade with reflective soft coating on surface # 2 of approved colour and shade, an inner Heat strengthened clear float glass 6mm thick, spacer tube 12mm wide, dessicants, including primary seal and secondary seal (structural silicone sealant) etc. all complete for the required performances, as per the Architectural drawings, as per the approved shop drawings, as specified and as directed by the Engineer-in-Charge. The IGUs shall be assembled in the factory/ workshop of the glass processor. (Payment for fixing of IGU Panels in the curtain glazing is included in cost of item No.25.2)For payment, only the actual area of glass on face # 1 of the glass panels (excluding the areas of the grooves and weather silicone sealant) provided and fixed in position, shall be measured in sqm.</p> <p>(i) Coloured tinted float glass 6mm thick substrate with reflective soft coating on face # 2, + 12mm Airgap + 6mm Heat Strengthened clear Glass of approved make having properties as visible Light transmittance (VLT) of 25 to 35 %, Light reflection internal 10 to 15%, light reflection external 10 to 20 %, shading coefficient (0.25- 0.28) and U value of 3.0 to 3.3 W/m2 degree K etc. The properties of performance glass shall be decided by technical sanctioning authority as per the site requirement.</p>	190.00	Sqm	3,250.95	Per Sqm	6,17,680.50

55	Extra for openable side / top hung vision glass panels (IGUs) including providing and supplying at site all accessories and hardwares for the openable panels as specified and of the approved make such as heavy duty stainless steel friction hinges, min 4 - point cremone locking sets with stainless steel plates, handles, buffers etc. including necessary stainless steel screws/ fasteners, nuts, bolts, washers etc. all complete as per the Architectural drawings, as per the approved shop drawings, as specified and as directed by the Engineer-in-Charge.	610.00	Sqm	3,163.10	Per Sqm	31,631.00
56	M.F. suspended ceiling made with 12.5 mm thick Gypsum plaster board including G.I. perimeter channel of 0.55 mm flush (having two flanges 20 mm and 30 mm respectively and web 27 mm) along with perimeter of ceiling with G.I. intermediate channel of 0.9 mm thick size 45 mmx15mm placed at 750 mm c/c with G.I. ceiling angle of size 25 mmx10mmx0.55 mm thick fixed to the ceiling with G.I. Cleat and steel expansion fastener ceiling section 0.55 mm thick of size 51.50 mmx26mm fixed to the intermediate channels with the help of connecting clip and in the direction of perpendicular to the intermediate channel of 300 mm c/c 12.5 mm thick Gypsum plastered board are to be fixed under ceiling section as above by machine screws. The boards are to be joined and finished with jointing compound, paper tape and application of top coat etc. as per the direction of Engineer-in-charge. (The rate includes of cost of all materials including taxes, cost of accessories, fittings and fixtures, scaffolding and labour charges etc. complete)	75.00	Sqm	1,173.00	Per Sqm	87,975.00
	1st Floor					
	2nd Floor	75.00	Sqm	1,187.00	Per Sqm	89,025.00
57	Supplying, fitting and fixing Stainless Steel railing consist of 38mm dia and 900mm height vertical balustrade at every two alternative steps, 50mm dia top rail, 3 (three) nos. 19mm dia horizontal Stainless Steel pipe and base/cover plate with Stainless Steel GRADE 304 containing 7.5% nickle (Interior Grade) Brushed/Mat finish, complete as per direction of the Engineer-in-charge. Weight of Stainless Steel railing per metre 6.5 Kg (approx.)	20.00	Mtr.	5,974.00	Per Mtr.	1,19,480.00

58	Providing, supplying and fixing of MS Structure of 75X75X3 mm thk SHS with MS base plate and MS bush fixed with main structure, Base plate, fixed with RCC anchor fastener from HILTI / Fisher, glass shall be fixed with shall SS spider fitting Aom DORMA make. The structure. be provided as per approval. This rate is including of all accessories, laminated glass, fasteners, labour charges also. GLASS : 13.52 MM THICK LAMINATED (6 mm thk clear toughed glass + 1.52 PVB + 6 mm thk clear toughened glass.) as per specification/BOQ.	62.00	SQM	32,480.00	Per Sqm	64,960.00
59	Rough dressed timber planks fitted and fixed with nut bolts excluding framework complete : (iii) 50mm thick planks (b) Sal Local	75.00	SQM	3,173.00	Per Sqm	2,37,975.00
60	A) Wood work in posts, post plates, rafters, battens, truss members, purlins etc. fitted and fixed complete (excluding the cost of bolts, paints, but including the cost of nails, screws etc.) (The quantum should be corrected upto three decimals) (ii) Sal: Local.	6.00	cum	77,735.00	Per Cum	4,66,410.00
61	Supplying, fitting and fixing 8mm thick Laminated wooden Flooring Work conforming to EN13329:2006 with plank size not less than 1200mmX 190 mm (with unilin/tongue-groove locking arrangement) having 0.2mm thk top abrasive layer over a decorative layer followed by a High-density fibreboard (HDF) having density > 940 kg/m ³ substrate core over a resin saturated backing layer and installing through unilin or tongue-groove system (having locking strength not less than 1000 kg/m) over a 2 mm thk underlayer polyurethane foam on polythene sheet 250 micron, over a smooth, flat, hard sub floor free from moisture (< 8%), grease etc. complete in all respect with requisite accessories like end profile, transition profile, reducer 'T' profile etc. wherever required and preparation of base including all other incidental works as per direction & satisfaction of Engineer in charge. Cost of Laminate Floor Accessories only (Skirting, End edge, T- moulding, Reducer) shall have to be added separately, wherever required. (Note: This work should not be executed without specific permission of Superintending Engineer). In Ground Floor: Category: High Footfall ; Class-23; Abrasion resistance:- AC4 Thk on Swelling:- < 15%; Impact resistance:- IC 2 Add extra for each addl, floor over the rate for Ground Floor (I) upto 4 th floor- Rs. 12/- per Sq.m	75.00	SQM	1,299.00	Per Sqm	97,425.00
Total Amount- Part – A (Building) =						Rs.83,95,054.85

PART - B (Plumbing)

Item No.	Description of Item	Quantity		Rate Rs. P.	Unit	Amount Rs. P.
1	Supplying, fitting and fixing in position G. I. pipes of TATA make for underground works with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbow, nipple, short piece etc. including cost of all materials, jointing materials, cutting pipes, making threads, cutting trenches up to 1.5 metre below surface in all sorts of soil and refilling the same as directed with two coats of painting on G.I. pipes and specials with bituminous paint complete in all respect. (Payment will be made on the centre line measurement of the total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately.) (i) 40mm. dia. medium quality	20.00	Mtr.	400.00	Per Mtr	8,000.00
	(ii) 50mm.dia. medium quality	15.00	Mtr.	520.00	Per Mtr	7,800.00
2	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately) (A) For Concealed Work					
	(i) 15 mm dia. medium quality	60.00	Mtr.	238.00	Per Mtr	14,280.00
	(ii) 25 mm dia. medium quality	50.00	Mtr.	364.00	Per Mtr	18,200.00
	(B) For Exposed Work					
	(i) 40 mm dia. medium quality	30.00	Mtr.	415.00	Per Mtr	12,450.00
3	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.).					
	(i) 25mm.	8.00	Nos.	912.00	Each.	7,296.00
	(ii) 40mm.	2.00	Nos.	1,646.00	Each.	3,292.00
	(iii) 50mm.	1.00	Nos.	2,362.00	Each	2,362.00
4	Supplying, fitting and fixing bib cock or stop cock.					
(a)	Supplying, fitting and fixing Chromium plated Bib Cock Angular shape with wall flange (Equivalent to Code No. 5037 & Model - Florentine of Jaguar or similar brand).	12.00	Nos.	861.00	Each.	10,332.00
(b)	Chromium plated concealed Stop Cock (Equivalent to Code No. 514(A) & Model - Tropical / Something Special of ESSCO or similar brand	10.00	Nos.	674.00	Each.	6,740.00
5	Supplying, fitting and fixing pillar cock of approved					

	make.	6				
	CP Pillar Cock with 200 mm extended Lever Handle (Equivalent to Code No. 5031 & Model - FLORENTINE of JAQUAR or similar brand).	5.00	Nos.	1,058.00	Each.	5,290.00
6	Supply, fit and fix approved brand PVC connector white flexible with both end coupling with heavy brass over C.P. nut 15 mm dia - 600 mm long.	10.00	Nos	107.00	Each.	1,070.00
7	Supplying, fitting and fixing flat back urinal (half stall urinal) in white vitreous china ware of approved make in position with brass screw on 75 mm x 75 mm x 75 mm wooden blocks complete. 635 mm X 395 mm X 420 mm	4.00	Nos	2,869.00	Each.	11,476.00
8	Supply, fit & fix closet seat of approved make with lid and C.P. hinges rubber buffer and brass screw EPWC. Plastic (hollow type) black.	4.00	Nos	302.00	Each.	1,208.00
9	Supplying, fitting & fixing towel rail with two brackets –CP over brass -25 mm dia and 600 mm long.	4.00	Nos	430.00	Each.	1,720.00
10	Supplying, fitting and fixing E.W.C. in glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc-with "P" trap. White in colour with P Trap	4.00	Nos	1,421.00	Each.	5,684.00
11	Supplying, fitting & fixing 10 litres PVC low down cistern conforming to IS specification with PVC fittings complete CI brackets including two coats of painting to brackets etc.	4.00	Nos	1,015.00	Each.	4,060.00
12	Supply, fit & fix best quality Indian make mirror 5.5 mm. Thick with silvering as per ISI specifications supported on fibre glass frame of any colour frames size 550 mm x 400 mm.	6.00	Nos	613.00	Each	3,678.00
13	Hand Shower (Health Faucet) with 1mtr Flexible Tube with Wall Hook(Equivalent to Code No.573 & Model -ALLIED of Jaquar or similar).	4.00	Nos	1,251.00	Each.	5,004.00
14	Supplying, fitting and fixing PTMT Smart Shelf of approved make of size 300 mm.	5.00	Nos	223.00	Each	1,115.00
15	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. 630 mm X 550 mm X 180 mm	2.00	Nos	3,788.00	Each	7,576.00
16	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer1500 litre capacity	2.00	Nos	7,840.00	Each.	15,680.00
17	Labour for hoisting plastic water storage tank -upto 1500 litre capacity. 2nd Storey	2.00	Nos	139.00	Each.	278.00
18	Labour for punching hole in plastic water storage tank upto 50 mm dia.	3.00	Nos	19.00	Each	57.00
19	Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with	4.00	Nos	2,208.00	Each.	8,832.00

	rubber plug of 30 mm dia., approved quality P.V.C.6 waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint. 550 mm X 400 mm size (a) White in colour					
20	Supply of UPVC pipes & fittings conforming to IS-13592-1992 (A) (i) Single Socketed 3 Meter Length 110 mm	35.00	Mtr.	292.00	Mtr.	10,220.00
	(ii) Door Tee 110mm.	10.00	Nos	195.00	Each.	1,950.00
	(iii) Door Tee (LH) & (RH)	20.00	Nos	312.00	Each.	6,240.00
	(iv) Pipe Clip. 110mm.	50.00	Nos	21.00	Each.	1,050.00
	(v) 110 X 110 P Trap	10.00	Nos	281.00	Each.	2,810.00
21	Labour for fitting and fixing U.P.V.C. pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials, cutting pipes, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineer-in-charge. (Payment will be made on centre line measurement of the total pipeline including specials. Above ground. 110 mm Dia	35.00	Mtr.	57.00	Per Mtr.	1,995.00
22	Solvent Cement	0.50	Ltr.	103.00	Per 250 ML	206.00
23	Rubber Lubricant	0.50	Ltr.	187.00	Per 500 ML	187.00
24	Construction of septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (1:4) including two 560 mm dia. R.C.C. manhole cover (heavy type) of approved make supplied, fitted and fixed in the 100mm thick R.C.C (1:1.5:3) top slab with necessary fittings, 20mm thick cement plaster (4 : 1) with neat cement finish to the internal surfaces and 15 mm thick cement plaster (4 : 1) to outside wall upto 200 mm below G.L floor finished with 25 mm thick grey artificial stone over 100 mm thick R.C.C(1:1.5:3) bottom slab including supplying, fitting and fixing all necessary specials, fittings, S.W. tees, C.I. foot rest etc. including excavation earth in all sorts of soil, shoring, bailing out and pumping out water as necessary, ramming, dressing the bed and refilling the sides of the tanks with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including constructing attached					

	inspection pit as per approved drawing and connecting all necessary pipes, joints etc. with internal plaster work and artificial stone flooring is to be done with admixture of water proofing compound @ 0.5% by weight of cement with all costs of labour and materials. Note: - (i) Finished level of Septic Tank should be 400 mm. from Ground Level. (ii) Height of 50 mm. Ventilation pipe & Mosquito proof mesh, should be followed as per IS:2470, Part- I. Payment will be made separately on the basis of actual height based on relevant I.S. Code.	6				
	For 20 users A) With Pakur variety. (SAIL/TATA/RINL)	1.00	Nos	48,205.00	Each	48,205.00
25	Construction of circular soak well 2.5 metre deep in all types of sandy soils with dry brick work upto 1.6 metre from the bottom having 150 mm intermediate cement brick work (1:4) band all round and cement brick work (1:4) upto 0.90 metre from top with 20mm thick cement plastering (1:4) to inside face upto the depth of cement brick work, 15mm thick cement plaster (1:4) on outer face from top of the well upto G.L. and 6 mm thick cement plaster (1:4) on top of the R.C.C. cover slab including filling bottom 1.00 metre of inside of the well with brick metal (50 mm to 63 mm size) including R.C.C. cover slab of 100 mm thick with cement conc (1:1.5:3) with stone chips with necessary reinforcement and shuttering including one 560 mm dia. R.C.C. manhole cover (heavy type) of approved make supplied, fitted and fixed in the cover slab with necessary fittings, making necessary arrangements for pipe connections, excavation of well including shoring, dewatering and removing the excess earth from the premises as per direction complete in all respect with all costs of labour and materials. With 250 mm thick dry brick work and 250 mm thick cement brick work (1:6) and 1.00m inside dia. (SAIL/TATA/RINL)	1.00	Nos	16,627.00	Each	16,627.00
26	Supplying & laying Double Wall Corrugated (with external annular corrugation and smooth internal walls) High Density Polyethelene Pipes conforming to IS 16098 (Part-II):2013 having Stiffness Class of SN 8 with Ring Stiffness not less than 8.00 KN/Sqm. and Impact Resistance TIR value not more than 10% including necessary jointing materials for non-pressure underground Drainage, Sewerage & Cross drainage application.					
	150mm internal dia.	30.00	Mtr	420.00	Mtr	12,600.00

27	<p>Constructing Inspection pit of inside measurement 600mm X 600mm X upto 600mm (depth) with 250 mm thick 1st. class brick work in cement mortar (1:4) on all sides, bottom of the pit consisting of 100 mm thick cement concrete (1:3:6) with stone chips over a layer of Jhama brick flat soling, 15 mm thick (1:4) cement plaster to inside walls and outside walls upto G.L. and 20 mm. thick (1:4) plaster to bottom of the pit, providing necessary invert with cement concrete (1:3:6) with stone chips as per direction, neat cement finishing to entire internal surfaces, top of the pit covered with 100 mm thick R.C.C. slab (1:1.5:3) with stone chips and necessary reinforcements upto 1% and shuttering including 6 mm thick cement plaster (1:4) in all external surfaces of the slab and one 560 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the slab with necessary fittings, necessary earthwork in excavation in all sorts of soil, filling sides of the pit with earth and removing spoils after work complete in all respect with all costs of labour and materials. With Pakur variety with JSW/JSPL/SHYAM/SRMB/BMASL /ELECROSTEEL /SSL</p>	9.00	Nos	7,248.00	Each	65,232.00
28	<p>Constructing Inspection pit to a depth of 1.5 metre (inside), 250 mm thick 1st class brick work (1:4) in all sides over a layer of Jhama brick soling and 150 mm thick cement concrete with stone chips (1:3:6) including necessary earth work, fitting and fixing approved type S.W. master trap, constructing masonry invert with cement concrete (1:1.5:3) with stone chips, plastering inside and outside (outside upto 300 mm below G.L.) with 20 mm thick cement plastering (1:4) and neat cement punning, including supplying, fitting and fixing one 560 mm. dia R.C.C. manhole cover of approved make with R.C.C. slab of 100 mm thick with cement concrete (1:1.5:3) with stone chips including necessary reinforcement (upto 1%) and shuttering and necessary corbelling brick work (1:4) so that the R.C.C. cover slab rests 150 mm above adjacent G.L., cement plaster (1:4) 10 mm thick on all external surfaces of the top slab as directed complete in all respect and removal of surplus earth with all costs of labour and materials (excluding the cost of master trap only).</p>					
	<p>900 mm X 750 mm (inside) chamber including fitting and fixing S.W. master trap of 150 mm dia. of approved make With Pakur variety. (SAIL/TATA/RINL)</p>	3.00	Nos.	11,959.00	Each	35,877.00
Total Amount - Part B (Plumbing)=						Rs.3,66,679.00

PART -C (Electrical)

Item No.	Description of item	Quantity		Rate Rs. P.	Unit	Amount Rs. P.
1	Supply & delivery of 3.5C 25 sqmm of XLPE cable	200.00	M	374.00	M	74,800.00
2	Laying of the cable in underground trench	8.00	M	162.00	M	1,296.00
3	Termination of above 25 sqmm of cable	2.00	Set	262.00	Set	524.00
4	Supply and delivery of 4C, 10 sqmm XLPE armoured cable	50.00	M	268.00	M	13,400.00
5	Laying of the above cable on wall incl. S&F MS saddles with earthing attachment	50.00	M	57.00	M	2,850.00
6	Termination of the above cable	4.00	Set	199.00	Set	796.00
7	Supply & delivery of a main LT Panel having 100A, 50KA MCCB as incomer and 3 nos. 40A, 35KA MCCB as outgoing	1.00	No	47,280.00	No	47,280.00
8	Installation of the panel on raised platform	1.00	No	5,000.00	No	5,000.00
9	Supply of a DB having 40A, 25KA 4PMCCB as incomer and 6 nos. 32A TP MCB as outgoing	2.00	No	21,240.00	No	42,480.00
10	Installation of the DB on wall conforming to concealed wiring	2.00	No	2,500.00	No	5,000.00
11	Supply & delivery of a Sub-DB having 32A TP MCB as incomer and 9 nos. 20A SP MCB as outgoing	8.00	No	8,500.00	No	68,000.00
12	Installation of Sub DB on wall conforming to concealed wiring	8.00	No	1,500.00	No	12,000.00
13	Supply & delivery of recess mounted cool white LED luminarie similar to 40/42W Havells make Pluto Neo panel 2 X2 (At 2nd Floor)	6.00	No	4,840.00	No	29,040.00
14	Installation of the luminaries on false ceilings including S&F all materials for commissioning the light fittings	6.00	No	86.00	No	516.00
15	Supply & delivery of surface mounted cool white LED luminaire similar to 40 W Havells make CONSTA LED Model	10.00	No	4,750.00	No	47,500.00
16	Installation of the luminaries with necessary downrod to commission the light fittings	10.00	No	214.00	No	2,140.00
17	Supply & delivery of 7W LED lamp as per requirement during installation	20.00	No	140.00	No	2,800.00
18	Installation of the lamp in the holder including S&F of holder	20.00	No	30.00	No	600.00
19	Supply & delivery of 10W LED lamp as per requirement during installation	4.00	No	150.00	No	600.00
20	Installation of the lamp in the holder including S&F of holder	4.00	No	30.00	No	120.00
21	Supply & delivery of 300 mm sweep exhaust fan.	4.00	No	3,240.00	No	12,960.00
22	Installation of the fan in the hole and making necessary connection	4.00	No	247.00	No	988.00
23	Supply & delivery of 450 mm sweep heavy duty exhaust fan.	2.00	No	5,440.00	No	10,880.00
24	Installation of the fan in the hole and making necessary connection	2.00	No	329.00	No	658.00
25	Supply & delivery of 1200 mm sweep ceiling fan.	10.00	No	2,270.00	No	22,700.00
26	Installation of the fan in the ceiling and making necessary connection including S& F of fan regulator.	10.00	No	200.00	No	2,000.00

27	Supply & delivery of 400 mm sweep wall fan.	62.00	No	2,370.00	No	4,740.00
28	Installation of the fan on wall and making necessary connection.	2.00	no	92.00	no	184.00
29	Distn. wiring in 2 X 1.5 sq. mm single core stranded 'FR' PVC insulated stranded copper wire in 19 mm bore, 3 mm thick polythen pipe complete with all accessories embedded in wall to light/fan/call bell points with Modular type switch incl. S&F 1 X1.5 sqmm earth continuity wire, conforming to concealed wiring for an average run of 6 meter.	54.00	Points	780.00	Points	42,120.00
30	Distn. wiring in 2 X 1.5 sq. mm single core stranded 'FR' PVC insulated stranded copper wire in 19 mm bore, 3 mm thick polythen pipe complete with all accessories embedded in wall /floor to 240 V. 4nos. 6A,with separate 4 nos. 6 A Piano key type switch Modular type plug socket & Modular type switch incl. S&F 1 X 1.5 sqmm earth continuity wire, fixed on Module GI switch board with Module top cover plate flushed in wall incl. mending good damages to original finish	20.00	Points	857.00	Points	17,140.00
31	Distn. wiring in 2 X 4 sq. mm single core stranded 'FR' PVC insulated stranded copper wire in 19 mm bore, 3 mm thick polythen pipe complete with all accessories embedded in wall to 240 V 20A, plug socket with separate 20 A for AC starter type switch incl. S&F 1 X 2.5 sq.mm earth continuity wire, fixed on Module GI switch board with Module top cover plate flushed in wall incl. mending good damages to original finish.	10.00	Points	1,000.00	Points	10,000.00
32	Distn. wiring in 2 X 2.5 sq. mm single core stranded 'FR' PVC insulated stranded copper wire in 19 mm bore, 3 mm thick polythen pipe complete with all accessories embedded in wall /floor to 240 V 20A, Modular type plug socket with separate 20 A Modular Piano key type switch incl. S&F 1 X 1.5 sqmm earth continuity wire, fixed on Module GI switch board with Module top cover plate flushed in wall incl. mending good damages to original finish.	20.00	Points	481.00	Points	9,620.00
33	Distribution wiring with 2 X 2.5 sqmm FR PVC insulated copper wire in 19mm dia 3mm thick polythene pipe with 1.5 sqmm PVC insulated copper wire as ECC complete with all accessories embedded in wall for circuit wiring.	500.00	RM	216.00	RM	1,08,000.00
34	Earthing with 50mm dia 3 m long GI pipe and then providing masonry enclosure with treatment of soil with salt and charcoal.	4.00	Nos	3,030.00	Nos	12,120.00
35	Supply and fixing earth bus bar of galvanized MS flat of dimension 25mm X 6mm.	1.00	M	156.00	M	156.00
36	Interconnection of the earth pit and connecting the earth bus from earth pit by 25mm X 6mm Galvanised MS flat.	20.00	M	138.00	M	2,760.00
37	Connecting the DBs & sub DBs to earth bus bar including S&F GI wire with 8 SWG GI wire.	50.00	M	9.00	M	450.00
38	Supply and delivery of 5 litre instant heating geyser.	2.00	No	6,000.00	No	12,000.00
39	Installation of the geysers.	2.00	no	1,500.00	no	3,000.00

40	Supply and fixing of call bell.	70.00	No	150.00	No	300.00
41	Supply & delivery of 5-Star 2 T Split type AC Machines.	10.00	No	53,990.00	No	5,39,990.00
42	Installation of the AC machines.	10.00	No	3,000.00	No	30,000.00
Total Amount-Part C (Electrical)=						Rs. 11,99,418.00
Total Amount of Part (A+B+C)						Rs. 99,61,151.85

Total Amount =Rs.99,61,151.85/-

(Rupees Ninety nine Lakhs sixty one Thousand One Hundred Fifty-One & Paise Eighty-Five Only)

Tenderer to fill up the following [score out which is not applicable]

price not to be quoted here

(a)..... %
(in figures)

Below par (-) Rs.

.....Percent
(in words)

(b).....

At par

NIL

(c)%
(in figures)

Above par (+) Rs.

..... Percent
(in words)

Total Tendered Amount: Rs. _____

Total tendered amount (in words.....)

[The prices quoted shall be including all statutory levies excluding GST, which shall be paid extra]

Maximum number of workmen likely to be engaged in days work..... numbers

Permanent Income Tax A/C. No... ..

Date:

(Signature of Tenderer)

[Total amount of tender, completion time and preliminary time as quoted / stated above are to be carried over to Form of Tender attached]

Witness: -

(Name in block letters)

Address:

Occupation:

THE BOARD OF TRUSTEES FOR THE PORT OF KOLKATA
FORM OF TENDER

To
 The Chief Engineer,
 Syama Prasad Mookerjee Port, Kolkata.

I/We _____
 _____ having examined the site of work, inspected the Drawings and read the specifications, General & Special Conditions of Contract and Conditions of the Tender, hereby tender and undertake to execute and complete all the works required to be performed in accordance with the Specification, Bill of Quantities, General & Special Conditions of Contract and Drawings prepared by or on behalf of the Trustees and at the rates & prices set out in the annexed Bill of Quantities within **08 (Eight) Months** from the date of order to commence the work and in the event of our tender being accepted in full or in part. I / We also undertake to enter into a Contract Agreement in the form hereto annexed with such alterations or additions thereto which may be necessary to give effect to the acceptance of the Tender and incorporating such Specification, Bill of Quantities, Drawing and Special & General Conditions of Contract and I / We hereby agree that until such Contract Agreement is executed the said Specification, Bill of Quantities, Conditions of Contract and the Tender, together with the acceptance thereof in writing by or on behalf of the Trustees shall be the Contract.

THE TOTAL AMOUNT OF TENDER Rs. **Not to mention here**

(Repeat in words) _____ **Not to mention here**

I / We require _____ days / months preliminary time to arrange and procure the materials required by the work from the date of acceptance of tender before I We could commence the work.

I / We have deposited with the Trustees' Manager (Finance), SMPK, vide Receipt No. _____ of _____ as Earnest Money.

I / We agree that the period for which the tender shall remain open for acceptance shall not be less than four months.

Dated:

(Signature of Bidder with Seal)

Name of the Bidder: -

Address: -



KOLKATA PORT TRUST
KOLKATA DOCK SYSTEM
CIVIL ENGINEERING DEPARTMENT
15, STRAND ROAD, KOLKATA -700001

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)

TABLE OF CONTENTS

- A. INDEX TO GENERAL CONDITIONS OF CONTRACT
- B. FORM OF TENDER
- C. FORM OF AGREEMENT
- D. FORM GC1, GC 2, GC3
- E. PERFORMANCE BOND
- F. INTEGRITY PACT

GENERAL CONDITIONS OF CONTRACT

INDEX

CLAUSE

- 1. DEFINITIONS.
- 2. DUTIES 7 POWERS OF ENGINEER & ENGINEERS' REPRESENTATIVE.
- 3. THE TENDER/OFFER AND ITS PRE-REQUISITES.
- 4. THE CONTRACT & GENERAL OBLIGATION OF CONTRACTOR.
- 5 COMMENCEMENT, EXECUTION AND COMPLETION OF WORK.
- 6. TERMS OF PAYMENT.
- 7. VARIATION AND ITS VALUATION.
- 8. DELAY/EXTENSION OF COMPLETION TIME/LIQUIDATED DAMAGE/TERMINATION OF CONTRACT.
- 9. MAINTENANCE AND REFUND OF SECURITY DEPOSIT.
- 10. INTERPRETATION OF CONTRACT DOCUMENTS, DISPUTES & ARBITRATION.

1. DEFINITIONS

- 1.0. In the contract, as hereinafter defined, the following words and expressions shall have the meaning hereinafter assigned to them, except where the context otherwise requires.
- 1.1. "**Employer**" or "Board" or "Trustees" means the Board of Trustees for the Port of Kolkata, a body incorporated 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 godowns, 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 therefrom 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-versawhere 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 any 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, breaking-up thereof and reconstruction 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 there upon 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 initialing 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 otherwise 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 Ts. 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/- +1/2% on the balance
For works costing more than Rs.20,00,000/-	10% on first Rs. 10,00,000/- + 7½ % on next Rs.10,00,000/- + 5% on the balance	1% on first Rs.10,00,000/- +1/2% on next Rs.10,00,000/- + 1/4% 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.
- 3.7. Every Tenderer / bidder shall submit in respect of a tender value of more than Rs. 5 crores, along with their tender comprising Special Conditions of Contract, General Conditions of Contract, BOQ, Earnest Money, etc., a document called **Integrity Pact Agreement** duly signed by their authorized representative. The proforma of the Integrity Pact Agreement shall as specified in the G.C.C. In case of tender value more than Rs. 5 crores, the Integrity Pact Agreement is an essential part and parcel of the bid document to be submitted by each tenderer, without which the tender shall not be considered.

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 provide 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 his 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, profilemarks 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 own 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 the entire 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 / or 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 affect 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 19.25% extra over the higher one of the following:
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 falls 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 parts 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

Otherwise provide for in the contract, or

1. Necessary by reason of some default on the part of the Contractor, or
2. Necessary by reason of climatic conditions on the site, or
3. 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 token of acceptance of all such measurements, recorded above and prior to such signature. If the Contractor or his Agent fails to participate even after 3 days written notice from the Engineer's Representative the measurement shall be taken ex-parte 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 discretion.
- 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 favoring 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 Nationalized 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 or 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 Damaged" 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 these 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 in to composition with his creditors or being a company goes in to 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), where upon 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 there from 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 8.3 to 8.3.7 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 the completion of the work.

(d) Contractor's claim / dispute raised beyond the time limits prescribed in sub-clauses 8.5 (b) and 8.5 (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 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 TENDER

CONTRACT NO.....

To,

.....

I/We

.....

.....

of

.....

.....

having examined the site of works, inspected the Drawings and read the Specifications, General and Special Conditions of Contract and Conditions of Tender, hereby tender and undertake to execute and complete all the works required to be performed in accordance with the Specification, Bill of Quantities, General & Special Conditions of Contract and Drawings prepared by or on behalf of the Trustees and at the rates and prices set out in the annexed Bill of Quantities with month/week from the date of the order to commence the work and in the event of our Tender being accepted in full or in part, I/We also undertake to enter into a Contract Agreement in the Form hereto annexed with such alterations or additions thereto which may be necessary to give effect the acceptance of the Tender and incorporating such Specification, Bill of Quantities, Drawings and Special & General Conditions of Contract and I / We hereby agree that until such Contract Agreement is executed the said Specifications, Bill of Quantities, Conditions of Contract and the Tender, together with the acceptance thereof in writing by or on behalf of the Trustees shall be the Contract.

THE TOTAL AMOUNT OF TENDER Rs (Not To be filled up)

(Repeat in words) (Not to be filled up)

*

*****
.....

*I/We require days/months preliminary time to arrange and procure the materials required by the work from date of acceptance of the Tender before I/We could commence the Work.

(* This should be scored out in the case of labour contracts)

I/We have deposited with the Trustees' Financial Advisor & Chief Accounts Officer / Manager (Finance), Haldia Dock Complex vide Receipt No of as Earnest Money.

I/We agree that period for which the Tender shall remain open for acceptance shall not be less than four months.

Witness: Signature
Signature
Name (In Block Letters)
(In Block Letters)

Signature of the Tenderer
(Seal of the Tenderer)
Name of the Tenderer

Address Dated
.....
..... Address
.....

Occupation
.....

THE BOARD OF TRUSTEES FOR THE PORT OF**KOLKATA FORM OF AGREEMENT**

THIS AGREEMENT made this.....day of.....200.....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) The Conditions of Tender
 - (e) The Technical Specifications
 - (f) The Schedule of Rates
 - (g) The Terms of Payment
 - (h) 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 covenant 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 TRUST

FORM G.C.1

Contractor

Address

Date of Completion

Dear Sir/s,

This is to certify that the following works viz.

Name of the Work

Estimate Number E.E.O dt

C.E.O.....dt

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 of-----20... ..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 theday 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 TRUST

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. No. dt

C.E.O. Nodt

Work Order No.....dt

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

Contract No dt.....

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

..... ated..... (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, further agree that if a written demand is made by the Trustees through any of its officials for honoring the Bank Guarantee constituted by these presents, 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 of such demand by an A/c. Payee Banker's Cheque drawn in favour of "Kolkata Port Trust", without any demur. Even if there be 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,.....Br
 anch,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)

INTEGRITY PACT

Between

Kolkata Port Trust (KoPT) hereinafter referred to as “The Principal”

And

.....hereinafter referred to as “The Bidder/Contractor”

Preamble

The principal intends to award, under laid down organizational procedures, contract/s for.....The Principal values full compliances with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/ transparency in its relations with its Bidder(s) and/ or contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 - Commitments of the Principal

- (1) The Principal commits itself to take measures necessary to prevent corruption and to observe the following principles:-
 - a. No employee of the Principal, personally or through family members, will, inconnection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any materials or immaterial benefit which the person is not legally entitled to.
 - b. The Principal will, during the tender process, treat all Bidder(s) with equity and reason. The Principal will, in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - c. The Principal will exclude from the process all known prejudiced persons.
- (2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

Section 2 - Commitments of the Bidder(s)/Contractor(s)

- (1) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
 - a. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal’s employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

- b. The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non- submission of bid or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
 - c. The Bidder(s)/Contractor (s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractor(s) will not use improperly, for purpose of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details including information contained or transmitted electronically.
 - d. The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representative in India, if any. Similarly the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the “**Guidelines on Indian Agents of Foreign Suppliers**” shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines, all the payments made to the Indian Agent/representative have to be in Indian Rupees only. Copy of the Guidelines on ‘Indian Agents of Foreign Suppliers’ is annexed and marked as Annex-“A”.
 - d. The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- (2) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3: Disqualification from tender process and exclusion from future contracts.

If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per the procedure mentioned in the “Guidelines on Banning of business dealings”. Copy of the “Guidelines on Banning of business dealings” is annexed and marked as Annex “B”.

Section 4 – Compensation for Damages

- (1) If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand the recover the damages equivalent to Earnest Money Deposit / Bid Security.

- (2) If the Principal has terminated the contract according to Section 3 or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the contract value or the amount equivalent to Performance Bank Guarantee.

Section 5 - Previous transgression

- (1) The Bidder declares that no previous transgressions occurred in the last 3 years with any other Company in any country conforming to the anti corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- (2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in “Guidelines on Banning of business dealings”.

Section 6 – Equal treatment of all Bidders / Contractors/ Subcontractors

- (1) The Bidder(s)/ Contractor(s) undertake(s) to demand all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.
- (2) The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and subcontractors.
- (3) The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 - Criminal charges against violating Bidder(s)/Contractor(s)/ Sub contractor(s).

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Section 8 - Pact Duration:

This pact begins when both parties have legally signed it. It expires for the Contractors 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/ determined by Chairman of KoPT.

Section 9 - Other Provisions:

- (1) This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi.

- (2) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- (3) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- (4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

(For & on behalf of the Principal) (For & on behalf of Bidder/Contractor)
 (Office Seal) (Office Seal)

Place.....

Date.....

Witness 1:
 (Name & Address) _____

Witness 2:
 (Name & Address) _____

