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**TENDER FOR** “Thorough repairing of both inside and outside of the 72 nos. units at Chetla Quarters premises including plumbing & sanitary works, roof treatment & waterproofing works and other allied works, construction of an underground water reservoir including repair of boundary wall at Chetla Quarters under the South Division & re-wiring works of the Quarters”.

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**Civil Engineering Department  
KOLKATA PORT TRUST**

**TENDER NO. : KOPT/KDS/CIV /T/2412/74 Dt. 19.09.19**

**Civil Engineering Department  
KOLKATA PORT TRUST**

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**Kolkata Port Trust**  
**Civil Engineering Department**

**1.0 NOTICE INVITING TENDER**

**TENDER NO. : KOPT/KDS/CIV /T/2412/74      Dt. 19.09.19**

E-Tender is invited from reliable, bonafide & experienced agency with required experience as per Prequalification criteria stipulated in Tender Document for **“Thorough repairing of both inside and outside of the 72 nos. units at Chetla Quarters premises including plumbing & sanitary works, roof treatment & waterproofing works and other allied works, construction of an underground water reservoir including repair of boundary wall at Chetla Quarters under the South Division & re-wiring works of the Quarters.”** as per Bill of Quantities the Bid Document may be seen from the Central Public Procurement Portal (CPPP). Corrigenda or clarifications, if any, shall be hosted on the above mentioned website only.

The tender is also published on KoPT website (www.kolkataporttrust.gov.in).

**SCHEDULE OF TENDER (SOT)**

a. TENDER No.	<b>KOPT/KDS/CIV /T/2412/74      Dt. 19.09.19</b>
b. MODE OF TENDER	e-Procurement System ( <b>Online</b> single part Techno-Commercial Bid and Price Bid through CPP Portal <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> ) The intending bidders are required to submit their offers electronically through e-tendering portal. No physical tender is acceptable by KOLKATA PORT TRUST.
c) i) Estimated Cost Of Work	<b>Rs. 2,87,24,728.92</b> <b>(Rupees two crore eighty seven lakh twenty four thousand seven hundred twenty eight &amp; paise ninety two only)</b>
ii) Earnest Money Deposit @2%	The intending firms would require to submit an EMD of <b>Rs. 5,74,500.00 (Rupees Five lakh seventy four thousand five hundred only)</b> through DD/Banker Cheque in favour of Kolkata Port Trust on any scheduled/Nationalised Bank payable at Kolkata, otherwise their offer will be summarily rejected. Copy of the DD/Banker's Cheque should be uploaded. As per Cl. 2,page no.14
iii) Tender Document fee (non-refundable)	The intending bidders should submit the tender cost of <b>Rs.2950/- (Rupees two thousand nine hundred and fifty only )</b> including GST @ 18% to KoPT through DD/Banker's Cheque in favour of Kolkata Port Trust on any scheduled/Nationalised Bank payable at Kolkata otherwise their offer will be summarily rejected. As per Cl. 2,page no.14.
d. Date of NIT available to parties to download	<b>25.09.2019 to 16.10.2019 (up to 14:00 hrs.)</b>

e. Pre – Bid Meeting date & Time	<b>No Pre-bid meeting</b>
g. Last date of issue of EMD & Tender Document fee in favour of Kolkata Port Trust. Last date of physically submission of Demand Draft/Cheque/Bank Draft.	<b>16.10.2019 (up to 15:00 hrs.)</b>  <b>20.10.2019</b>
h. Date of Starting of e-Tender for submission of online Techno-Commercial Bid and price Bid at CPP Portal	<b>25.09.2019 (From 10:00 hours onwards)</b>
i. Date of closing of online e-tender for submission of Techno-Commercial Bid & Price Bid.	<b>16.10.2019 (Up to 3:00 P.M.)</b>
j. Date & time of opening of Techno-Commercial Bid and Price Bid.	<b>17.10.2019 (After 3:00 P.M.)</b>

**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(Cover-I)	:- Annexure - C
List of Scanned Documents required to be uploaded:-	Annexure - D
Price Bid (Cover-II)	:- Annexure – E
General Conditions of Contract	:- Annexure – F

**A.K. Jain**  
**Chief Engineer**  
**KOLKATA PORT TRUST**  
Tender Inviting Authority

**Annexure-A****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 CPP Portal <https://eprocure.gov.in/eprocure/app> before responding to this e-tender :

- Bidders Manual Kit
- Help for Contractors
- FAQ

**Contact Persons (Kolkata Port Trust):**

1. S.Mitra, Superintending Engineer(Contract)

2. S.K.Halder Ex.Engineer(Contract)

3. Sudhir Das, Ex. Engineer(Contract)

Phone no. 9836298680, **03371012380,03371012398**

e-mail :- [santanumitra@kolkataporttrust.gov.in](mailto:santanumitra@kolkataporttrust.gov.in) &  
[cecontract@kolkataporttrust.gov.in](mailto:cecontract@kolkataporttrust.gov.in)

**Contact persons (CPP Portal):**

1. Shri Nazmush – Mob: 9563251950 email: [webhelpdesk@gmail.com](mailto:webhelpdesk@gmail.com)

See CPP Portal for contact details.

1	Bidding in e-tender : a. Bidder(s) need to submit necessary EMD & Tender fees to be eligible to bid online in the e-tender. Tender fees is non refundable. No interest will be paid on EMD. EMD of the unsuccessful bidder(s) will be refunded by KOPT. b. The process involves Electronic Bidding for submission of Technical and Commercial Bid
2	Any order resulting from this tender shall be governed by the terms and conditions mentioned therein.
3	All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.
4	E-tender cannot be accessed after the due date and time mentioned in NIT.
5	I.KoPT 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.
6	Any order resulting from this tender shall be governed by the terms and conditions mentioned therein.
7	No deviation to the technical and commercial terms & conditions are allowed.
8	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.
9	The bid will be evaluated based on the filled-in technical & commercial formats.

10.	<p>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 Addenda” .</p> <p><b>A declaration in this regard is to be made by the bidder.</b></p>
11.	<p>(A) Tender will be opened electronically on specified date and time as mentioned in the NIT. Bidder’s can witness electronic opening of Bid.</p> <p>(B) Necessary addendum/corrigendum (if any) of the tender would only be hoisted in the e-CPP Portal</p>

**Annexure –B**

KOLKATA PORT TRUST  
**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: [santanumitra@kolkataporttrust.gov.in](mailto:santanumitra@kolkataporttrust.gov.in) &**  
**[cecontract@kolkataporttrust.gov.in](mailto:cecontract@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 Mse Certificate under <b>MSME</b> 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 :</u> As per E-Tender Document
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 Ko.P.T. 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 , KOLKATA PORT TRUST, 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 jurisdiction of the High Court at Calcutta.
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 tender. He may contact the Chief Engineer/**Superintending Engineer (South)** 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 Kolkata Port Trust 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.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE):

29 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. As this is a Single Part Tender, hence both the techno commercial part and price/financial part will be opened on the same day i.e. on the date of opening of tender.

36 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.**

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**Annexure –C**

कोलकाता पत्तन न्यास  
Kolkata Port Trust,  
सिविल इंजीनियरिंग विभाग  
CIVIL ENGINEERING DEPARTMENT  
15, स्ट्रैंड रोड, कोलकाता -700001  
15, Strand Road, Kolkata – 700001

NIT No.: KOPT/KDS/CIV /T/2412/74 Dt. 19.09.19

NOTE: Last Date of **Download** of tender documents : **16.10.19 (up to 14.00 hours)**

Tender is due for submission by 3:00 P.M. On **16.10.19**

Tender is to be opened **on 17.10.2019** (After 15.00 Hours)

**Techno Commercial Bid**

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Thorough repairing of both inside and outside of the 72 nos. units at Chetla Quarters premises including plumbing & sanitary works, roof treatment & waterproofing works and other allied works, construction of an underground water reservoir including repair of boundary wall at Chetla Quarters under the South Division & re-wiring works of the Quarters.

XX

**SHORT TENDER NOTICE**

E-Tender is invited from reliable, bonafide & experienced agency with required experience as per Prequalification criteria stipulated in Tender Document for the following work at Kolkata Port Trust.

<b>Name of work</b>	:	<b>Thorough repairing of both inside and outside of the 72 nos. units at Chetla Quarters premises including plumbing &amp; sanitary works, roof treatment &amp; waterproofing works and other allied works, construction of an underground water reservoir including repair of boundary wall at Chetla Quarters under the South Division &amp; re-wiring works of the Quarters.</b>
<b>NIT No</b>	:	<b>KOPT/KDS/CIV /T/2412/74 Dt. 19.09.19</b>
<b>Estimated Cost</b>	:	<b>Rs. 2,87,24,728.92</b> <b>(Rupees two crore eighty seven lakh twenty four thousand seven hundred twenty eight &amp; paise ninety two only)</b>
<b>Period Of Execution</b>	:	<b>8( Eight) Months</b>
<b>Earnest Money</b>	:	<b>Rs. 5,74,500.00 (Rupees Five lakh seventy four thousand five hundred only)</b>
<b>Bid Document Fee(Non refundable)</b>	:	<b>Rs. 2950/-(Rupees two thousand nine hundred and fifty only)</b>
<b>Period of Download of E-Tender (Both Days Inclusive)</b>	:	<b>25.09.2019 to 16.10.2019 (UPTO 14:00 HRS.)</b>  (Bid document will be available on Central Public Procurement Portal (CPPP).
<b>Date and Time for pre-bid meeting &amp; site visit</b>	:	<b>No pre bid meeting</b>
<b>Last date of submission of e-tender</b>	:	<b>16.10.2019</b> <b>Up to 15:00 hrs.</b>
<b>Date of opening of the tender</b>	:	<b>17.10.2019 (After 15.00 hours)</b> <b>Both the Techno Commercial and Price Bid will be opened on the same Day</b>
<b>➤ Contact Person.</b>	:	<b>S. Mitra, Superintending Engineer(Contract)</b> <b>S.K.Halder Ex. Engineer(Contract)</b> <b>S. Das, Ex. Engineer(Contract) M. No. 9830621827</b>  <b>9836298680,03371012486, 03371012399,03371012398</b>

#### 4.0: INSTRUCTIONS TO BIDDER

**E-TENDER FOR “Thorough repairing of both inside and outside of the 72 nos. units at Chetla Quarters premises including plumbing & sanitary works, roof treatment & waterproofing works and other allied works, construction of an underground water reservoir including repair of boundary wall at Chetla Quarters under the South Division & re-wiring works of the Quarters.”**

**TENDER NO : KOPT/KDS/CIV /T/2412/74      Dt. 19.09.19**

##### 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, Drawings (if any) & detailed Bill Of Quantities. Location Plan of the place of work might be inspected at the office of the **Superintending Engineer (South)** on any working day before quoting for the tender.

**2.0** Earnest money and cost of tender paper 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 Kolkata Port Trust, 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 Earnest Money and 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) Valid Trade Licence(Valid for current period & also for type of work).
- iiib) The Firm has to submit copy of **Valid Electrical Contractor’s License** & also to submit the copy of **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/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. **2016-17, 2017-18 and 2018-19**) the same should be audited as per relevant norms wherever required.
- ix) PAN Card
- x) Bank Draft/ Pay order etc. regarding EMD & Cost of Tender documents/valid NSIC certificate.
- 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 for clarification of his documents or credibility.

**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**.

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 Earnest Money deposit will be converted to part of Security Deposit and the remaining 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 e-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.

9.1 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 /NSIC /MSME Registration certificate.
- (ii) is not accompanied by requisite Tender paper cost /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 –

9.2 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 Kolkata Port Trust in this regard shall be final and binding on the Bidder.

10. Statutory deductions will 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 and Earnest Money.
- 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, full amount of Earnest Money 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 Kolkata Port Trust 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.
- 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.
- v) The Tender Documents with all the enclosures, appendices, Abstract Form of Tender and Form of Tender shall be required to be complete, duly filled in and signed and uploaded.

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

## **5.0: SPECIAL CONDITIONS OF CONTRACT**

**E-TENDER FOR** “Thorough repairing of both inside and outside of the 72 nos. units at Chetla Quarters premises including plumbing & sanitary works, roof treatment & waterproofing works and other allied works, construction of an underground water reservoir including repair of boundary wall at Chetla Quarters under the South Division & re-wiring works of the Quarters.

### **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 over ride 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, Kolkata Port Trust, 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: -**

The intending bidder must have successfully completed **Construction and maintenance of different buildings / offices/residential colonies and establishments including sanitary and plumbing works** 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:

- 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 **31-03-2019**, should be at least **30%** of the estimated amount put to tender.



iii) Work experience as a sub contractor **shall not be** considered as the requisite qualification.

The Firm has to submit copy of **Valid Electrical Contractor's License** & also to submit the copy of **electrical Supervisor's License who will carry out & certify the electrical job.**

#### **4. SCOPE OF WORK:**

##### **SCOPE OF WORK :- Civil Part**

The work mainly comprises of:

- 1) Dismantling all types of masonry, plain/reinforced cement concrete works, artificial stone Flooring, existing flooring/walling, as required.
- 2) Striping out worn out plaster and re-plastering including repairing of cracks on walls and floors at required places including application of chemicals as required.
- 3) Required concrete work, shuttering, reinforcement, brick work, etc., if required for the purpose of repairing/new works.
- 4) Providing & laying tiles on floors and walls at required places..
- 5) All repairing work related to existing wooden doors and windows including supplying fitting And fixing required fittings and fixtures of approved quality.
- 6) Providing , fitting and fixing all sanitary and plumbing fittings and fixtures as per specification including associated plumbing and sanitary works.
- 7) Scraping off old paint from inside walls thoroughly, preparation of the surface to received fresh Coat of paint, primer application and finally application of two coats of pain of approved make and brand.
- 8) Painting of doors, windows internally after preparation of surface with hi gloss synthetic enamel Paint (two coasts) of approved brand and make.

##### **SCOPE OF WORK :- Electrical Part**

The Scope of Work under Specification covers the following:-

1. Supply, delivery, installation and commissioning of Main Distribution Board as per BOQ.
2. Supply, delivery, laying, termination and commissioning of 4 core X 25 sq. mm., XLPE insulated, 1.1 kV grade armoured Al Cable as per BOQ.
3. Supply, delivery, installation and commissioning of Main Panel as per BOQ.
4. Supply, delivery, installation and commissioning of **MCB DBs** as per BOQ.
5. Supply, delivery, installation and commissioning of Single Phase MCB BDBs as per BOQ.
6. Supply, delivery, installation and commissioning of 1200mm energy saving ceiling fan with electronic fan regulator, down rod canopy etc. and 300mm 900 RPM heavy duty exhaust fan as par BOQ.
7. Supply, delivery & fixing of recess mounted low glare, high efficiency LED downlight Luminaries.
8. Supply, delivery & fixing of LED Luminaries and decorative bracket light fittings with LED lamp on the surface of wall with all accessories.
9. Supply, delivery & fixing of integral LED Street light luminaries, with pressure die cast aluminium housing having toughened glass cover and IP 66 ingress protection as per BOQ.
10. End Termination of different size of LT Cables with all accessories and commissioned.

## 11. Earthing of the Electrical Installation as per IS specification

**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.

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.

The **Electrical Cable Layout Drawings, Single Line Diagram, Distribution Diagram, Circuit Drawings, Details drawing of LT Panel and Main Power & Lighting DB**, etc. should be prepared by the Successful Tenderer and the same should be submitted to the Engineer for necessary approval, in triplicate. As built, cable layout drawings includes cable routes so laid with reference to permanent installation en-route, clearly marking position of the cable there at showing distance from such references at a suitable interval, where so available are to be provided.

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.

The lengths of Cable run through existing/ new duct/ tray/ laid pipe/ underground etc. as given in the BOQ are indicative only. There may be little variation in quantity during execution of the work depending upon site conditions.

### **Scope of work for installation of Main DBs & MCB DBs:**

The Main Distribution Boards and MCB DBs are to be installed concealed within the wall as per BOQ. The Main Distribution Boards & MCB DBs should also be connected with the nearest Earth Bus, using suitable size of insulated Copper wire as per BOQ. All hardware items required for this job, should be provided & installed by the contractor.

### **Scope of work for installation of Ceiling Fans:**

Installation of ceiling fan complete with blade, electronic regulator, canopy etc. with appropriate length of MS down rod & making necessary connection. Down rod, if required shall have to be supplied by the contractor. Cost of down rod shall be included in its installation price.

### **Scope of work for installation of Exhaust Fans:**

The fan shall have to be properly installed on wall with suitable size of Wall Cowl. Necessary masonry work and wall cutting etc. shall have to be done by the contractor, if required. Cost of Wall Cowl shall be included in its installation price.

The works also includes all appurtenant works as directed and set forth in Bill of quantities, Special Conditions of Contract, Technical Specification of the works, Specification for 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 and per direction and up to satisfaction of the Engineer. The work also included maintains the environmental aspect.

The intending tenderer shall inspect the site of work in consultation with the **Superintending Engineer (South Section of Civil Engineering Deptt./Electrical Section of M&EE Deptt.)** of Kolkata Port Trust 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.

Unless otherwise specified, the work to be provided for by the contractor shall include but not be limited to the following:-

- a) Provide all materials, supervision, services, scaffolding, shoring, strutting, from work, reinforcements, vibrators, other tools and plants, transportation, water supply, temporary drainage, dewatering of surface, necessary approaches, temporary fencing and temporary lighting as required for safety and work purposes etc.
- b) Prepare and submit for review and assessment to the Engineer working drawings showing how the work is actually going to be done including storage of materials, fencing etc., as well as sequence of construction and all other details as may be required by him.
- c) Providing all survey equipments with competent personnel to carry out survey works required for execution of the work.
- d) Providing temporary drainage diversion works during execution of the work.
- e) To exercise rigid quality control in execution of the work and to carry out sampling, testing, and furnishing the test results to the Engineer for the quality of construction materials and the quality of the work done.
- f) The contractor shall at all time carry out work in a manner creating least interference to the existing services/Traffic operation while consistent with the satisfactory execution of the same. For all works , the Contractor shall, in accordance with the direction of the Engineer-In-Charge provide and maintain during the execution of the work, a passage for traffic operation along a part of the existing carriage way under improvement in addition to putting cautionary notice as may be required/directed by the Engineer for safety of workers and the users.
- g) The Contractor shall provide and maintain barricades, signs, lights, and flagman, as necessary, at either end of the Bye-passes, relocation and at such intermediate points as directed by the Engineer-In-Charge for the proper notification of the construction area. No extra payment shall be made for such work.
- h) The contractor shall carry out the work in phased manner as per availability of the site as the roads & the areas are very busy & cannot be blocked wholly at a time & also for a long period so that normal day to day activities are not affected for which no such extra payment will be entertained.

### **5. LOCATION:**

**The site is located at Chetla Qtrs. Complex beside Durgapur Bridge,Chetla.**

## **6. ACCESS TO THE SITE:**

- (a) By Road: **Alipore road** adjacent to Durgapur Bridge, Chetla  
 (b) By Rail: **New Alipore Rly. Station**

## **7. Work Site:**

The work site is located at **Chetla Qtrs. Complex beside Durgapur Bridge, Chetla..**

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 (South)**, to make the site inspection along with his representative.

## **8. 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 (South) at his office at 51, Circular Garden Reach Road, Kolkata 700043 for Civil work and from Superintending Engineer (Electrical) for Electrical work** for 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.

## **9. SITE CONDITIONS & METHOD OF WORK:**

The work shall have to be executed at **Chetla Qtrs. Complex beside Durgapur Bridge, Chetla** 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.

## **10. 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 **Eight ( 8) Months** including preliminary time from the date of placement of work order.

## **11. 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 KoPT 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.

**12. Accessibility for Checking and Supervision.**

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

**13. 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.

**14. 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.

ii) 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.

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:**

**For Civil Part:** 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.

**For Electrical Part:** Inspection and testing will be carried out by KOPT Engineer. Inspection will be carried out as applicable as per relevant Standard/ Technical Specification/Approved Drawing etc. Manufacturer's Test and guarantee certificate as applicable will have to be submitted for verification.

Inspection and testing will comprise prototype testing including mechanical and electrical measurements such as stress, temperature, voltage, current, and moisture test. Nondestructive test techniques such as ultrasonic test should be shown to indicate the thermal cycle, accelerated life cycle, mechanical impact, fatigue ,etc of the panel prior commissioning are to be carried out . Insulation Resistance, Earth Continuity and Earth Resistance tests etc. as applicable prior to commissioning are to be carried out for LT cable. All pre commissioning tests of the panels/equipments etc as applicable shall be carried out by the authorized representative of the firm having valid Supervisor's Certificate of Competency.

#### **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 usable/ 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 "Kolkata Port Trust" 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.

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 KoPT 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 KoPT 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 (South)/ Superintending Engineer (Electrical)** with necessary documents in original. Subject to the availability and feasibility of system, KoPT 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 KoPT.

**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:**

**No escalation/variation of prices will be entertained during the entire execution period of the work.**

**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 KoPT 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 (South )**.

**The Contractor is to pay necessary ESI and EPF for the engaged labour as per the relevant Act implied for this job. Without the payment certificate or proof of the same bills will not be recommended for payment.**

### **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 there under 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 Kolkata Port Trust, 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 Kolkata Port Trust is not sure that accurate tax amount is finally reflected in the GSTN to KoPT's Account and is finally available to Kolkata Port Trust in terms of GST laws and that the credit of GST so taken by Kolkata Port Trust is not required to be reversed at a later date along with applicable interest.
- Kolkata Port Trust 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 Kolkata Port Trust for the fault of supplier shall be recovered by Kolkata Port Trust by way of adjustment in the consideration payable.
- Supplementary invoices/Debit note/credit note for price revisions to enable Kolkata Port Trust 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-ordination 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. Calcutta Port Trust:**

The expression "**CALCUTTA PORT TRUST**" appearing anywhere in the tender documents, shall be construed to read as "**KOLKATA PORT TRUST**".

#### **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 **(to 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 KoPT 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 with/from the Estimated Value put to tender. Similarly in case of disparity between the rate 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 KoPT. 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



## **TECHNICAL SPECIFICATIONS**

### **Electrical Work**

#### **01.00 Cables:**

The cables should be generally compliance with **IS: 7098 (Part-1) / 1988** or latest amendment if any with following specifications:

Stranded Aluminium should comply to **IS: 7908(Part-I) - 1988** or latest amendment if any of following sizes, Colour coded, Voltage Grade: 1.1KV, Insulation: XLPE, Inner Sheath: Extruded PVC, Armour: Galvanized Steel Wire/Strips, Outer Sheath: Extruded PVC.

A. 4C X 25 sq. mm.

The cables should be supplied with returnable drums. Continuous length of cable in each drum should be such that no straight through joints will be allowed. It shall also 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.

#### **02.00 Laying of Cables:**

##### **02.01: Laying Underground:**

Cable shall be laid generally in accordance with **IS: 1255-1983** or latest amendment, if any. 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 suitable size of HDPE pipe. After laying of the cable the duct shall have to be filled up by fine dry sand. Where cables run in parallel, separate ducts as stated shall have to be provided. G.I. pipe shall have to be used where cable pass through walls, roads, drains, culverts, railway line etc.

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 words 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 50m.

##### **02.02: 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. pipe protection shall have to be given. Wherever cable shall be required to be laid inside the building, the cable shall be laid on perforated GI Tray of adequate size and mechanical strength. The tray shall be rigidly fixed on wall in a proper manner at suitable height using MS angle. The cable shall be fixed on tray using MS clamp of proper size and thickness at a distance should not be more than 300mm. In case cable pass from one

building to another building; GI protection pipe of adequate size is to be provided with proper fixing. Neatness must be maintained.

**03.00 Termination and Finishing of Cable:** Termination of cable shall have to be made by using suitable compression cable gland and sockets by crimping to the size of the cable.

**04.00 Main Distribution Boards:**

Main Distribution Board shall be used for three phase four wire system to distribute three phase power supply to different boards. It shall be dust, vermin, and weather proof and be made of factory built/fabricated accessible from front by lockable hinged with double door enclosure of sheet steel, phosphatized, powder painted complete blanking plates etc. in accordance with IP-42/43 and IS 13032, IS 8623. It has to be concealed in wall after cutting the wall and mending good damages. Necessary clamping arrangements shall have to be made for clamping of cables inside the DB so that the cables can be properly dressed. Internal wiring shall have to be done by suitable size of copper wire. The body and all metal parts not carrying current must be connected with earth.

**04.01 Main DB ( Horizontal/Vertical Distribution Board):** The Main Power DB shall be double door consisting of the following:

Sl. No.	Description	Qty.
1.	<b>Incomer:</b> 25KA, 415V AC, 63A, 4P, C-Characteristics MCCB of fixed thermal & magnetic setting.	01 no.
2.	<b>Outgoing :</b> 2no -10KA, 415V AC, 32A & 1no - 10KA, 415V AC, 16A , 4P, C-Characteristics MCB of fixed thermal & magnetic setting and necessary connections.	03 nos.

**05.00 Lighting Distribution Board (Single Phase):**

Branch Distribution Board shall be used for single phase two wire system to distribute single phase power supply to different boards. It shall be dust, vermin, and weather proof and be made of factory built accessible from front by lockable hinged with double door enclosure of sheet steel, phosphatized, powder painted complete. (In accordance with IP-42/43 and IS 13032, IS 8623). It has to be concealed and mending good damages to original finish.

Necessary clamping arrangements shall have to be made for clamping of cables inside the DB so that the cables can be properly dressed. Internal wiring shall have to be done by suitable size of copper wire. The body and all metal parts not carrying current must be connected with earth. **Lighting DB** shall be consisting of the following:

**05.01 Single Phase Lighting DB:** The Distribution Board shall be (2+6 ways) consisting of the following:

Sl. No.	Description	Qty.
1	<b>Incomer:</b> 240V AC, 32A, 10KA, DP MCB on din rail of DBs.	1 no
2	<b>Outgoing:</b> 10KA, 240V AC, 6-32A, SP C-Characteristics MCB on din rail of DBs.	5 nos.

**06. Circuit wiring/Distribution wiring/ Point wiring and wires:**

Details are given in BOQ.

**07. Ceiling Fan:**

1200 mm. sweep, AC energy saving ceiling fans, conforms to IS: 374 should have following technical details:

- a) Rated Voltage: 230 V (Nominal), A.C. single phase, 50 Hz.
- b) Bearing: Fitted with Double Ball Bearings.
- c) Fittings: Fitted with suitable down rod, hanging shackles and all other necessary hardware items.
- d) Winding: Winding must be of super-enameled copper wire.
- e) **Regulator:** Electronic type Fan Regulators not less than 400 watt & conforms to **IS: 11037**.

### **8. Exhaust Fans:**

300 mm. Sweep, 900 RPM Heavy Duty Exhaust Fan suitable for use with 230 V (nominal), 50 Hz. AC single phase system. The Exhaust Fans should generally conform to IS: 2312 and complete with Frame, Blade and continuously rated capacitor type single phase induction motor and all accessories. The Exhaust Fans should have double ball bearings, and the winding of the Motor must be of super enameled copper wire.

### **9. Light fittings:**

Light fittings are to be supplied as per BOQ.

### **10. Earthing:**

All Panel Distribution board and Main switches (connected to 400V supply) shall have to be connected to Earth stations (double earth) in accordance with the requirement of Indian Electricity Rules and **IS 3043**. All earth station shall be of same type similar to one illustrated in IS 3043, using pipe electrodes of Galvanized steel, Class-B type, having 50 mm dia ISI Medium GI pipe 3.64 mm thick x 3.04 Mts. long and 1 x 4 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 Mts. 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 and also providing masonry enclosure on the top of the earth electrode of overall size 86.36 cm x 86.36 cm x 46 cm deep (below Ground level) complete with cemented brick work(1:6) of 25 cm width duly plastered with cement mortar (inside) CI hinged inspection cover of size 36.56 cm x 35.56 cm with locking arrangement, GI reducer including drilling of 46 nos. 12 mm dia holes on the GI pipe and treating of soil by using salt and charcoal as required. The top of the pipe electrode shall have suitable arrangements for making connections of earth strips in the manner approved by the Engineer. The earth station shall be located at least 2 m. away from any building and not less than 6 m. apart from each earth station..

### **Note:**

**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 G.I. 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.

The work shall be carried out as per Indian Electricity Act, 2003, Central Electricity Authority (Measures relating to Safety and Electric Supply), Regulations, 2010 with latest amendments and latest revised IS Code of Practice (Lift-4666).

### **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 equipment shall be made good by the tenderer at his own cost.

### **List of Approved Makes**

<b>Item</b>	<b>Make</b>
MCCB / MCB /Power DBs/Lighting DBs/MCB/ Main Switch protected power units	ABB/ Siemens/ Havells/L&T/ Crompton/ GE/ Legrand / Any other reputed make.
Luminaries	Philips/ Crompton/ GE/ Havells/ Any other reputed make.
PVC Copper wire for internal wiring	Polycab/ KDK-Evershine/ Finolex/ Havells/ National/ Nicco/ Supercab/ Any other reputed make.
Modular switches/ Socket/Ceiling Rose/ Electronic regulator/ Call Bell.	Havells/ Anchor/ Ellora/ Precision/ Rider/ Sleek/ Crabtree or any other reputed make
L.T. power cable	NICCO/ Gloster/ Universal/ Polycab / Havells/Any other reputed make.
Rigid Conduit Pipe	Any reputed make.
Ceiling & Exhaust Fan	Havells/ Usha/ Bajaj / Crompton Greaves/ Polar/ Any other reputed make.

**N.B: Any other reputed make of any particular item will only be considered if none of the specified make for that particular item is available in the market, for some reason or the other, which is to be acceptable to competent authority.**

**SCHEDULE T  
KOLKATA PORT TRUST**

**Annexure-C(Contd)**

**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) :	

**ANNEXURE – D****Scanned copy of the following documents to be uploaded:-**

- i) GST registration certificate.
- ii) Valid Trade Licence (Valid for current period & also for type of work).
- lib) The Firm has to submit copy of **Valid Electrical Contractor's License** & also to submit the copy of **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. i.e. **2016-17, 2017-18 and 2018-19**). The same should be audited as per relevant norms wherever required.
- ix) Bank Draft/ Pay Order etc. regarding EMD & Cost of 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**.

**ANNEXURE –D-1**

**Thorough repair of both inside and outside to Bldg. Nos. B-1,B-2,B-3,B-4 &A-2 (80 Units)at Subhash Nagar Qrs. Including repair &renovation, Sanitary & Plumbing works, main water supply pipelines & sewer lines, roof treatment & waterproofing works and other allied works under South Division And Electrical Installation work of 80 Nos. units at Subhash Nagar Qtrs.**

**NIT NO. KOPT/KDS/CIV /T/2412/74 Dt. 19.09.19**

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

**Undertaking to be submitted in lieu of uploading/submitting signed copy of full tender document**

Ref. No.....

Dated:

The Chief Engineer,  
Kolkata Port Trust,  
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.

Signature of Tenderer.....

Name: .....

Designation: .....

Date : .....

Seal of the tenderer.....

Yours faithfully,



NIT No.: **KOPT/KDS/CIV /T/2412/74**      Dt. **19.09.19**

Tender is due for submission by 3:00 P.M. On 16.10.19

Tender will be opened on **17.10.2019** (After 15.00 Hours)

### **PRICE BID (FINANCIAL PART)**

**Thorough repairing of both inside and outside of the 72 nos. units at Chetla Quarters premises including plumbing & sanitary works, roof treatment & waterproofing works and other allied works, construction of an underground water reservoir including repair of boundary wall at Chetla Quarters under the South Division & re-wiring works of the Quarters.**

\*\*\*\*\*

**Annexure-E(Contd.)**

**E-TENDER FOR “Thorough repairing of both inside and outside of the 72 nos. units at Chetla Quarters premises including plumbing & sanitary works, roof treatment & waterproofing works and other allied works, construction of an underground water reservoir including repair of boundary wall at Chetla Quarters under the South Division & re-wiring works of the Quarters.**

**NIT NO: KOPT/KDS/CIV /T/2412/74 Dt. 19.09.19**

PART –II/PRICE BID

<b>TENDER PARTICULARS</b>
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<b>ESTIMATED COST</b>	<b>:</b>	<b>Rs. 2,87,24,728.92</b> <b>(Rupees two crore eighty seven lakh twenty four thousand seven hundred twenty eight &amp; paise ninety two only)</b>
<b>EARNEST MONEY</b>	<b>:</b>	<b>Rs. 5,74,500.00 (Rupees Five lakh seventy four thousand five hundred only)</b>
<b>TIME OF COMPLETION</b>	<b>:</b>	<b>Eight(8) months</b>
<b>COST OF TENDER DOCUMENTS</b>		<b>Rs.2950/-(Rupees two thousand nine hundred and fifty only)</b>
<b>PERIOD OF DOWNLOAD OF E-TENDER (Both Days Inclusive)</b>		<b>25.09.2019 to 16.10.2019 (UPTO 14:00 HRS.)</b>
<b>DATE AND TIME FOR PRE-BID MEETING &amp; SITE VISIT</b>	<b>:</b>	<b>No pre bid meeting</b>
<b>LAST DATE OF SUBMISSION OF E-TENDER AND OPENING OF COVER-I OF THE TENDER</b>	<b>:</b>	<b>Submission on 16.10.2019 at 15:00 hrs.</b> <b>Opening on 17.10.2019 After 15:00 hrs.</b> <b>Both the Techno Commercial and Price Bid will be opened on the same Day</b>

कोलकाता पत्तन न्यास

Kolkata Port Trust

सिविल इंजीनियरिंग विभाग

**PREAMBLE TO THE BILL OF QUANTITIES**

**E-TENDER FOR "Thorough repairing of both inside and outside of the 72 nos. units at Chetla Quarters premises including plumbing & sanitary works, roof treatment & waterproofing works and other allied works, construction of an underground water reservoir including repair of boundary wall at Chetla Quarters under the South Division & re-wiring works of the Quarters. "**

**TENDER NO : KOPT/KDS/CIV /T/2412/74 Dt. 19.09.19**

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 familiarise 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 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, plants, 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-Tenderer.

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 KoPT 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.

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कोलकाता पत्तन न्यास  
Kolkata Port Trust  
सिविल इंजीनियरिंग विभाग  
**CIVIL ENGINEERING DEPARTMENT**  
**BILL OF QUANTITIES**

E-TENDER FOR "Thorough repairing of both inside and outside of the 72 nos. units at Chetla Quarters premises including plumbing & sanitary works, roof treatment & waterproofing works and other allied works, construction of an underground water reservoir including repair of boundary wall at Chetla Quarters under the South Division & re-wiring works of the Quarters. "

**TENDER NO : KOPT/KDS/CIV /T/2412/74 Dt. 19.09.19**

**ABSTRACT OF ESTIMATE**

**Civil Part**

**PART-A  
(Civil)**

Sl. No	Description of Item	Quantity	Rate (P)	Unit	Amount (P)
1	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m.				
(a)	In ground floor including roof	2.0	447.00	/ Cu.Mtr	894.00
(b)	In 1st floor including roof	1.0	497.00	/ Cu.Mtr	497.00
(c)	In 2nd floor including roof	1.0	547.00	/ Cu.Mtr	547.00
(d)	In 3rd floor including roof	1.0	597.00	/ Cu.Mtr	597.00
(e)	In 4th floor including roof	9.0	647.00	/ Cu.Mtr	5823.00
2	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m				
(a)	In ground floor including roof	1.0	939.00	/ Cu.Mtr	939.00
(b)	In 1st floor including roof	1.0	989.00	/ Cu.Mtr	989.00
(c)	In 2nd floor including roof	1.0	1039.00	/ Cu.Mtr	1039.00

(d)	In 3rd floor including roof	1.0	1089.00	/ Cu.Mtr	1089.00
(e)	In 4th floor including roof	10.0	1139.00	/ Cu.Mtr	11390.00

## 3

Dismantle all types of reinforced cement concrete, stacking serviceable materials at site & removing the rubbish as directed within a lead of 75m.

(a)	In ground floor including roof	1.0	1956.00	/ Cu.Mtr	1956.00
(b)	In 1st floor including roof	1.0	2006.00	/ Cu.Mtr	2006.00
(c)	In 2nd floor including roof	1.0	2056.00	/ Cu.Mtr	2056.00
(d)	In 3rd floor including roof	1.0	2106.00	/ Cu.Mtr	2106.00
(e)	In 4th floor including roof	9.0	2156.00	Cu.Mtr.	19404.00

## 4

Dismantle artificial stone floor up to 50mm thick by carefully chiselling without damaging the base and removing rubbish as directed with a lead of 75 m.

(a)	In ground floor including roof	200.0	50.00	/ Sq.Mtr	10000.00
(b)	In 1st floor including roof	200.0	56.00	/ Sq.Mtr	11200.00
(c)	In 2nd floor including roof	200.0	62.00	/ Sq.Mtr	12400.00
(d)	In 3rd floor including roof	200.0	68.00	/ Sq.Mtr	13600.00
(e)	In 4th floor including roof	2100.0	74.00	/ Sq.Mtr	155400.00

## 5

Cutting chase upto 125 x 150 mm and subsequent mending of damages -in brick wall [Cement-3.6 Kg/Mtr]

30.0	93.00	/Mtr	2790.00
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6	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.	200.0	166.00	/ Cu.Mtr	33200.00
7	Cleaning the concrete surface by removing dirt and debris, marking defective locations and removing loose concrete by careful stripping untill hard surface is exposed, cutting the concrete to regular shape, wire brushing the exposed surface and removing debris from site complete as per direction of the Engineer - in - Charge.	50.0	90.00	/ Sq.Mtr	4500.00
8	Applying epoxy based reactive joining agent for joining the old concrete with fresh concrete to be applied within manufacture's specified time as per manufacturer's specification. (0.4 Kg./m2 of concrete surface) Note : Applicable only when the full diameter of reinforcing steel is exposed.	50.0	309.00	/ Sq.Mtr	15450.00
9	Polymer concrete made with water resistant bonding agent of synthetic rubber emulsion as per manufacturer's specification excluding the cost of cement concrete (2.75 Kg / bag of cement) Note : Payment on volume of (1 : 1½ : 3) concrete.	1.00	4414.00	/ Cu.Mtr	4414.00
10	Ordinary Cement concrete (mix 1:1.5:3) with Pakur variety graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.				
(a)	In ground floor including roof	50.0	5999.72	/ Cu.Mtr	299986.00
(b)	In 1st floor including roof	10.0	6094.72	/ Cu.Mtr	60947.20
(c)	In 2nd floor including roof	10.0	6189.72	/ Cu.Mtr	61897.20
(d)	In 3rd floor including roof	10.0	6284.72	/ Cu.Mtr	62847.20

(e)	In 4th floor including roof	20.0	6379.72	/ Cu.Mtr	127594.40
<b>11</b>	Provide reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binder etc., including supply of rods 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 inter section complete as per drawing and direction. Tor Steel/ Mild steel. For works in foundation, basement and up to roof of ground floor / upto 4 m- Other than SAIL/TATA/RINL.				
(a)		5.0	68200.00	/ MT	341000.00
(b)	In 1st floor including roof	0.9	68680.00	/ MT	61812.00
(c)	In 2nd floor including roof	0.9	69160.00	/ MT	62244.00
(d)	In 3rd floor including roof	0.9	69640.00	/ MT	62676.00
(e)	In 4th floor including roof	5.0	70120.00	/ MT	350600.00
<b>12</b>	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (When the height of a particular floor is more than 4 m the equivalent floor height shall be taken as 4 m and extra for works beyond the initial 4 m ht. shall be allowed for every 4 m or part thereof) - 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.				
(a)	In ground floor including roof	410.0	335.00	/ Sq.Mtr	137350.00
(b)	In 1st floor including roof	110.0	353.00	/ Sq.Mtr	38830.00
(c)	In 2nd floor including roof	110.0	371.00	/ Sq.Mtr	40810.00
(d)	In 3rd floor including roof	110.0	389.00	/ Sq.Mtr	42790.00
(e)	In 4th floor including roof	410.0	407.00	/ Sq.Mtr	166870.00

**13**

Provide and lay ordinary cement concrete (1:2:4) with graded stone chips (20 mm. Nominal size) excluding shuttering and reinforcement, as per relevant Code - Pakur/Chandil variety

(a)	In ground floor including roof	12.0	5449.74	/ Cu.Mtr	65396.88
(b)	In 1st floor including roof	2.0	5544.74	/ Cu.Mtr	11089.48
(c)	In 2nd floor including roof	2.0	5639.74	/ Cu.Mtr	11279.48
(d)	In 3rd floor including roof	5.0	5734.74	/ Cu.Mtr	28673.70
(e)	In 4th floor including roof	100.0	5829.74	/ Cu.Mtr	582974.00

**14**

Providing R.C.shelves (1:1.5:3) either precast or cast in situ with stone chips and necessary reinforcement upto 1% (0.8% main and 0.2% distribution bars) shuttering, etc. and 10 mm thick cement plaster (4:1) including neat cement finishing and cutting chase fitting and fixing in position mending good damages as necessary complete. 50 mm. thick panels

(a)	In ground floor .	25.0	1212.00	/ Sq.Mtr	30300.00
(b)	In 1st floor .	25.0	1221.00	/ Sq.Mtr	30525.00
(c)	In 2nd floor .	25.0	1230.00	/ Sq.Mtr	30750.00
(d)	In 3rd floor .	25.0	1239.00	/ Sq.Mtr	30975.00

**15**

Cement concrete with graded jhama khoa (30 mm size) excluding shuttering In ground floor and foundation -1:3:6 proportion.

10.0	4761.00	/cum	47610.00
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**16**

Single Brick Flat Soling of picked jhama brick) including ramming and dressing bed to proper level and filling joints with local sand.

150.0	361.00	/Sq.Mtr	54150.00
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**17**

Brick work with 1st class bricks in cement mortar (1:6).

(a)	In superstructure, ground floor.	10.0	5636.00	/ Cu.Mtr	56360.00
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(b)	In superstructure, first floor.	1.0	5747.00	/ Cu.Mtr	5747.00
(c)	In superstructure, 2nd floor.	1.0	5858.00	/ Cu.Mtr	5858.00
(d)	In superstructure, 3rd floor.	1.0	5969.00	/ Cu.Mtr	5969.00
(e)	In superstructure, 4th floor.	9.0	6080.00	/ Cu.Mtr	54720.00
(f)	In foundation & plinth.	10.0	5413.00	/ Cu.Mtr	54130.00

**18**

125 mm. thick brick work with 1st class bricks in cement mortar (1:4) .

(a)	In superstructure, ground floor.	75.0	736.00	/ Sq.Mtr	55200.00
(b)	In superstructure, first floor.	75.0	748.00	/ Sq.Mtr	56100.00
(c)	In superstructure, 2nd floor.	75.0	760.00	/ Sq.Mtr	57000.00
(d)	In superstructure, 3rd floor.	75.0	772.00	/ Sq.Mtr	57900.00

**19**

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]

(i)	20 mm. thick plaster in 1:6 mortar.				
(a)	In Ground floor.	300.0	175.00	/Sq.mtr	52500.00
(b)	In 1st floor.	100.0	179.00	/Sq.mtr	17900.00
(c)	In 2nd floor.	100.0	183.00	/Sq.mtr	18300.00
(d)	In 3rd floor .	100.0	187.00	/Sq.mtr	18700.00
(e)	In 4th floor.	200.0	191.00	/Sq.mtr	38200.00
(ii)	15 mm thick plaster in 1:6 mortar.				
(a)	In Ground floor.	300.0	151.00	/Sq.mtr	45300.00

(b)	In 1st floor.	100.0	155.00	/Sq.mtr	15500.00
(c)	In 2nd floor .	100.0	159.00	/Sq.mtr	15900.00
(d)	In 3rd floor .	100.0	163.00	/Sq.mtr	16300.00
(e)	In 4th floor.	100.0	167.00	/Sq.mtr	16700.00
(iii) 10 mm thick plaster in 1:4 mortar.					
(a)	In Ground floor.	100.0	133.00	/Sq.mtr	13300.00
(b)	In 1st floor.	100.0	137.00	/Sq.mtr	13700.00
(c)	In 2nd floor.	100.0	141.00	/Sq.mtr	14100.00
(d)	In 3rd floor .	100.0	145.00	/Sq.mtr	14500.00
(e)	In 4th floor .	100.0	149.00	/Sq.mtr	14900.00
20	Stripping off worn out plaster and raking out joints of walls, celings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed.	1200.0	19.00	/ Sq.Mtr	22800.00
21	Neat cement punning about 1.5mm thick in wall,dado>window sill,floor etc.Note :- Cement 0.152 cu.m per100 sq.m.	400.0	34.00	/Sq.mtr	13600.00
22	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 exluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be correted upto three decimals). Sal : Malayasian.				
(i)	In ground floor.	0.5	83218.00	/ Cu.Mtr	41609.00
(ii)	In 1st floor.	0.5	83418.00	/ Cu.Mtr	41709.00
(iii)	In 2nd floor.	0.5	83618.00	/ Cu.Mtr	41809.00

(iv)	In 3rd floor.	0.5	83818.00	/ Cu.Mtr	41909.00
<b>23</b>	Labour for taking out door and window frame including shutter for repair or replacement of different parts of the frame & refixing the same including mending good all damages complete. (Concrete and brick work for mending damage will be paid separately) - upto area 2.5 Sq.Mtr.	130.0	119.00	/ Sqm	15470.00
<b>24</b>	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak. (In case of non-supply of single plank, penal rate of reduction of 20% will be made) - 35mm thick shutters with 19mm thick panel of size 30 to 45cm.				
(a)	In ground floor .	11.0	2948.00	/Sq.Mtr	32428.00
(b)	In 1st floor .	11.0	2977.00	/Sq.Mtr	32747.00
(c)	In 2nd floor .	11.0	3006.00	/Sq.Mtr	33066.00
(d)	In 3rd floor .	11.0	3035.00	/Sq.Mtr	33385.00
<b>25</b>	Taking out shutter of door and window, dismantling by parts (for repair or replacement of damaged parts), reassembling and refitting and rehang same with old fittings but with new screws as necessary. (Where different parts of same shutter are renewed under different item, payment under this item will be made once only.)	60.0	126.00	/ Sq.Mtr	7560.00
<b>26</b>	Easing doors and windows.	1150.0	17.00	Each	19550.00
<b>27</b>	Styles and rails of wooden shutters fitted and fixed complete. (Payment to be made on area of new work only) - 25 mm thick shutter with Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak -in ground floor .	55.0	2292.00	/Sq.Mtr	126060.00

Shutters of 2/3rd panel and 1/3rd glazed of doors and windows as per design (each panel consisting of a single plank without joint and with ordinary glass of 7.4 kg. Per sq.m./3mm thick) fitted with putty bed and teak wood beads and nails including fitting and fixing shutters in position but excluding the cost of glass , putty , teak bead, nails, hinges etc. and other fittings -35mm thick shutters with 19mm thick panel.Sishu, Gamar, Champ,Badam,Bhola, Mogra, Hallak.

(a)	In ground floor .	12.0	3194.00	/Sq.Mtr	38328.00
(b)	In 1st floor .	11.0	3223.00	/Sq.Mtr	35453.00
(c)	In 2nd floor .	11.0	3252.00	/Sq.Mtr	35772.00
(d)	In 3rd floor .	11.0	3281.00	/Sq.Mtr	36091.00

**29**

Z-batten shutters of door and window as per design having tongued and groove-half lap jointed as per direction of the Engineer-in-Charge including fitting and fixing shutter in position, but excluding the cost of hinges and other fittings -Sishu, Gamar, Champ, Badam, Bhola, Morga, Hallak -Shutter with 25mm thick planks - 19mm thick battens.

(a)	In ground floor .	24.0	2750.00	/Sq.Mtr	66000.00
(b)	In 1st floor .	24.0	2779.00	/Sq.Mtr	66696.00
(c)	In 2nd floor .	24.0	2808.00	/Sq.Mtr	67392.00
(d)	In 3rd floor .	24.0	2837.00	/Sq.Mtr	68088.00

**30** Supplying & fixing Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.

(i)	75mm. X 40mm. X 1.12mm	120	28.00	Each	3360.00
(ii)	100mm. X 50mm. X 1.25mm.	130	43.00	Each	5590.00

**31**

Provide, fit & fix 100mm long x 6 mm dia Iron

100	36.00	Each	3600.00
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catch hook of approved quality complete to shutter and choukat.

<b>32</b>	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm. dia rod with centre bolt and round fitting. 300 mm. long.	42	166.00	Each	6972.00
<b>33</b>	Supplying, fitting and fixing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. by cement concrete(1:2:4) as per direction. (Cost of concrete will be paid eparately)-40 mm X 6 mm X 125 mm length.	120	20.00	Each	2400.00
<b>34</b>	Iron door ring of approved quality fitted and fixed with nut and washer - 50 mm dia.	100	17.00	Each	1700.00
<b>35</b>	Provide, fit & fix Iron Socket bolts of approved quality complete				
(i)	100mm long x 10mm dia bolt	60	40.00	Each	2400.00
(ii)	150mm long x 10mm dia bolt	60	63.00	Each	3780.00
<b>36</b>	Anodised aluminium 'D' Type handle with of approved quality manufactured from extruded section conforming to IS. Specification (IS 230/72) fitted and fixed complete. With continuous base plate (hexagonal or round rod) - 125 mm. grip x 10 mm. dia. rod	120	95.00	Each	11400.00
<b>37</b>	Repairing crack in wall by cement grouting (1 : 2) including widening the crack on the surface (into V section) cleaning and packing the same with cement mortar (1 : 2) and finishing off to match with adjacent surface. (cement-69 Kg/100 m)	450.0	1392.00	/100 Mtr	6264.00
<b>38</b>	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. (In all floors for internal wall & upto 6 m height for external wall)3 mm thick (weighing 7.4 kg/Sq.m)	30.0	477.00	/Sq.mtr	14310.00
<b>39</b>					

	Renewing worn out putty of glass panes :Paness not exceeding 0.2 Sq.m	150	33.00	Each	4950.00
<b>40</b>	Provide and lay artificial stone in floor, dado, staircase etc., with cement concrete (4:2:1) with stone chips laid in panels as directed with topping made with ordinary/white cement as necessary and marble dust in proportion (2:1) including smooth finishing and rounding off corners including rakingout joints or roughening of concrete surface and including application of cement slurry before flooring works, using cement @ 1.75 kg/sqm all complete including all materials and labour. 3 mm thick topping (High polishing grinding on this item is not permitted with ordinary cement) - 25mm thick				
(i)	In ground floor	300.0	273.00	/Sq.mtr	81900.00
(ii)	In 1st floor	200.0	277.10	/Sq.mtr	55420.00
(iii)	In 2nd floor	200.0	281.20	/Sq.mtr	56240.00
(iv)	In 3rd floor	200.0	285.30	/Sq.mtr	57060.00
(v)	In 4th floor	120.0	289.40	/Sq.mtr	34728.00
<b>41</b>	Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly (plastered or concrete surface) as per manufacturer's specification - Two coats .				
(i)	In ground floor	4000.0	49.00	/Sq.mtr	196000.00
<b>42</b>	Provide and apply white washing including cleaning and smoothening surface thoroughly in all floors - Two coats (to be done on specific instruction.	9000.0	1814.00	/100 sqm	163260.00
<b>43</b>	Provide and apply colour washing with any shade with stainers, as required including cleaning and smoothening surface thoroughly - Internal surface (all floor) - two coats - other than yellow/pink.	4000.0	2046.00	/100 sqm	81840.00
<b>44</b>	[Bldg. I/K/A/1(b), Pg - 200]				

	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. (Item applicable on new surface or when the original surface has been exposed by removal of old paint).	300.0	38.00	/Sq.m.	11400.00
(a)					
(b)	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.(Item applicable on new surface or when the original surface has been exposed by removal of old paint).	300.0	29.00	/Sq.m.	8700.00
45	Scraping and removing greasy soot from walls or ceiling of kitchen or similar smoke affected rooms and preparing the surface.	2500.0	11.00	/Sq.m.	27500.00
	Provide and apply two coat 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 with super gloss (hi - gloss) - two coats.				
46					
(a)	On timber or plastered surface -with any shade except white.	6000.0	81.00	/Sqm	486000.00
(b)	On steel or other metal surface - with any shade except white.	1000.0	79.00	/ Sqm	79000.00
47	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 brackets , 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	2.0	72603.00	/M.T	145206.00

charge of all tools and plants and labour required for the work including all incidental charges 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 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 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.

#### 48

Ordinary grating bars made of round or square M.S. rods fitted and fixed in holes of window frames etc, complete.

(i)	In ground floor	0.25	8472.00	/Qntl	2118.00
(ii)	In 1st floor	0.25	8556.72	/Qntl	2139.18
(iii)	In 2nd floor	0.25	8641.44	/Qntl	2160.36
(iii)	In 3rd floor	0.25	8726.16	/Qntl	2181.54

#### 49

Uprooting and removing plants from the surface of walls parapet etc and making good damages. Repairing of damages to be paid separately.

(a)	Small plant of girth of exposed stem upto 75	300	50.00	/ Each	15000.00
	Medium size plant of girth of exposed stem above 75 mm.but not exceeding 150 mm.lift upto 6 mtr.	150	60.00	/ Each	9000.00
(b)					



	Large plant of girth of exposed stem above 150 mm. But not exceeding 225 mm. lift upto 6 mtr.	15	187.00	/ Each	2805.00
(c)					
50	Painting block letters or digits in Black Japan or any approved paint as per direction - Size above 15 cm. and upto 20 cm.	100	16.00	/ Each	1600.00
51					
	75 mm. thick brick work with 1st class bricks set in cement, sand mortar (1:4) in ground floor including H.B. netting in every alternate layers.				
(a)	In ground floor.	75.0	504.00	/ Sq.Mtr	37800.00
(b)	In superstructure, first floor.	75.0	516.00	/ Sq.Mtr	38700.00
(c)	In superstructure, 2nd floor.	75.0	528.00	/ Sq.Mtr	39600.00
(d)	In superstructure, 3rd floor.	75.0	540.00	/ Sq.Mtr	40500.00
52					
	Taking out rain water down pipes, removing chokages and refixing the same in position including mending good damages (of taking out and refixing).	300.0	12.00	/Mtr	3600.00
53					
	Taking out rain water down pipe.	600.0	895.00	/100 Mtr	5370.00
54	Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamps 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 materails (Spun Yarn, Valamoid / Bitumen / M-Seal, etc.) complete.				
(a)	UPVC pipes 110 mm dia.	600.0	251.00	/Meter	150600.00
(b)	UPVC fittings - Bend 87.5 degree- 110 mm dia.	40	140.00	/each	5600.00
55					
	Clearing compound premises of shurbs,plants, jungles etc. by cutting and removing as directed (Specific permission of Engineer-in-Charge prior to execution will be necessary).	10000.0	11.00	/Sq.m	110000.00

(Payment to be made on area cleared)

<b>56</b>	Surface Dressing of the ground in any kind of soil including removing vegetation inequalities not exceeding 15 cm depth and disposal of the rubbish within a lead upto 75 m as directed.	1000.0	10.00	/Sq.m	10000.00
<b>57</b>	Earth work in excavation of 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 75 m. As directed. The items includes necessary trimming of sides of trenches, levelling, dressing and ramming the bottom, bailing out water etc., as required complete. Depth of excavation not exceeding 1.5 m.	50.0	11927.00	/100 Cu.m	5963.50
<b>58</b>	Provide, fit and fix asbestos corrugated [Trafford or similar approved quality] sheet [6mm thick] work [excluding the supporting frame work] with 9.5mm dia 'J' or 'L' hook bolt and nut, limpet and bitumen washers and putty and 150mm with end lap and one corrugation minimum side lap complete.In roof (Payment should be made on area of finished work) .	90.0	471.00	/Sq.Mtr	42390.00
<b>59</b>	Taking out door shutter and rehangng the same by fixing aluminium sheet [0.457 mm] with proper nails, etc.	110.0	603.00	/Sq.Mtr	66330.00
<b>60</b>	Taking out and refixing C. I. Grating of down pipe after cleaning the mouth including mending good damages in cement mortar (1:3).	40	16.00	Each	640.00
<b>61</b>	Repair to roof cracks with Bitumen (VG-40) including cutting grooves and cleaning cracks, heating bitumen as directed and finished with sand blinding. (Bitumen 1.687 Kg/ Sqm, Medium Sand 0.6 Cum/100 Sqm) (Bitumen to be supplied by contractor)	100.0	223.00	/Sq.Mtr	22300.00
<b>62</b>	Taking out old damaged tarfelt from the roof, parapet etc. preparing the roof surfaces by removing all spoils, blisters, moss etc. from the working site and disposal of the same beyond the compound and cleaning the site in all	2100.0	12.00	/Sq.Mtr	25200.00

respect as per direction of Engineer-in- Charge  
- All floors.

**63**

Supplying, fitting & fixing 1st. Quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10 mm.) 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.

In 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 @0.20 Kg/Sq. m. Area of each tile upto 0.09 Sq.m. Coloured decorative.

a	In ground floor.	75.0	755.00	/Sq.Mtr	56625.00
b	In 1st floor.	75.0	760.00	/Sq.Mtr	57000.00
c	In 2nd floor.	75.0	765.00	/Sq.Mtr	57375.00
d	In 3rd floor.	75.0	770.00	/Sq.Mtr	57750.00

**64**

Supplying, fitting & fixing 1st. Quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10 mm.) 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.

In Wall.  
With Sand Cement Mortar (1:3) 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 @0.20 Kg/Sq. m. Area of each tile upto 0.09 Sq.m. Coloured decorative.

(a)	In ground floor.	400.0	757.00	/Sq.Mtr	302800.00
(b)	In 1st floor.	400.0	762.00	/Sq.Mtr	304800.00
(c)	In 2nd floor.	400.0	767.00	/Sq.Mtr	306800.00

(d)	In 3rd floor.	400.0	772.00	/Sq.Mtr	308800.00
65	<p>Supplying &amp; laying 3mm thick pre-fabricated plastomeric water proofing membrane conforming to EN 12311-1 &amp; ASTM D 5147, manufactured with atactic poly propylene (APP) modified premium grade asphalt , specially reinforced with non-woven polyester core with polyester reinforcement @160 gms per sqm &amp; both faces covered with thermo-fusible polyethylene film /MineraL on top face over a coat of primer @ 0.40 lit/sqm of manufacturer's specification on smooth, clean dry surface prepared wherever required. Lap joint shall be provided of 75 mm in longitudinal &amp; 100 mm in transverse direction and fused using LPG/ Propane torch employing extra care ensuring full bondage, complete removal of entrapped air and sealing edges into grooves in appropriate manner as per direction of Engineer -in-charge all complete including materials, labour and applicable taxes. (Payment shall be made on the basis of finished surface area). Membrane Property: Softening Point &gt; 150 deg C, Cold Flexibility &lt; -6 deg C, Tensile Strength, N/cm : 600 (longitudinal), 450 (transverse), Tearing Strength, N: 300 (longitudinal), 200 (transverse).</p>	2100.0	407.00	/Sq. m.	854700.00
66	Rendering the Surface of walls and ceiling with White Cement base WATERPROOF wall putty of approved make & brand (1.5 mm thick)	2000.0	122.00	/Sq. m.	244000.00
67	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and and smoothening of surface. Two coats.	10000.0	70.00	/Sq. m.	700000.00
68	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. (a) One Coat.	10000.0	3080.00	/Sq. m.	308000.00

(i) Water based interior grade Acrylic Primer.

69	Scraping of moss, blisters etc. thoroughly from exterior surface of walls necessitating the use of scraper, wire brush, etc. (Payment against this item will be made only when this has been done on the specific direction of the Engineer-in-Charge)	9000.0	7.00	/Sq. m.	63000.00
70	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 throughly, complete as per manufacturer's specification and as per direction of the EIC. In Ground Floor: (a) One Coat.				
	a. In Ground floor.	2250.0	31.40	/ Sq. m.	70650.00
	b. In 1st floor.	2250.0	38.50	/ Sq. m.	86625.00
	c. In 2nd floor.	2250.0	45.60	/ Sq. m.	102600.00
	d. In 3rd floor.	2250.0	52.70	/ Sq. m.	118575.00
71	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge 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 Coats). (a) Normal Acrylic Emulsion.				
	a. In Ground floor.	2250.0	67.00	/ Sq. m.	150750.00
	b. In 1st floor.	2250.0	74.10	/ Sq. m.	166725.00
	c. In 2nd floor.	2250.0	81.20	/ Sq. m.	182700.00
	d. In 3rd floor.	2250.0	88.30	/ Sq. m.	198675.00

M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S., W.I. Flats and bars of windows, railing, etc., fitted and fixed with necessary screws and lugs in ground floor.

(i) Grill weighing above 10 Kg./sq.mtr and up to 16Kg./sq.mtr.

a. In Ground floor.	165.0	9888.00	/ qntl.	1631520.00
b. In 1st floor.	165.0	9986.88	/ qntl.	1647835.20
c. In 2nd floor.	165.0	10085.76	/ qntl.	1664150.40
d. In 3rd floor.	165.0	10184.64	/ qntl.	1680465.60

73

Glazed shutters of doors, windows, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4kg./sq.m. 3mm. thick) fitted with putty bed and teakwood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings. Cost of glass, putty, wooden beads, etc., will be paid separately.

In Ground Floor.

35mm thick shutters.

Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.

a. In Ground floor.	10.0	2752.00	/ Sq. m.	27520.00
b. In 1st floor.	10.0	2781.00	/ Sq. m.	27810.00
c. In 2nd floor.	10.0	2810.00	/ Sq. m.	28100.00
d. In 3rd floor.	10.0	2839.00	/ Sq. m.	28390.00

74

Supplying, fitting & fixing of 2-Track / 3-Track Aluminium sliding window of all Aluminium sections, viz. window frame, (top, bottom & side frame), shutter (top, bottom, side & interlock member) made of aluminium alloy extrusions conforming to IS 733-1983 & IS 1285-1975, anodised conforming to IS 1868-1983, fitted with all other accessories, viz. PVC roller, EPDM gasket, maruti lock, screws, etc. including labour charges for fitting & fixing of aluminium 2-track/3-track sliding window with fixing of glass (excluding cost of glass) all complete as per architectural drawings and

1700.0	448.00	/Kg.	761600.00
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direction of the Engineer-in-Charge.  
10-12 Micron thickness Anodizing film.  
Natural white.

75	Supplying bubble free float glass of approved make and brand conforming to IS:2835-1987. (i) 4mm thick clear glass.	260.0	398.00	/Sq.Mtr.	103480.00
76	Applying 2 coats of bonding agent with synthetic multi functional rubber properties by mixing with water in proportion (1 bonding agent: 4 water: 6 cement) as per manufacturer's specification [Cement to be supplied by the Department]	2100.0	88.00	/Sq.Mtr.	184800.00
77	Reparing collapsible gate by cutting out all rivets as necessary reassembling all members including welding pieces of channels, straightening bent bars and rivetting with new rivets and fitting in position and painting two coats.	25.0	379.00	/Sq.Mtr.	9475.00
78	Supplying, fitting & fixing factory made foam PVC (density shall not be less than 600 kg/cum) door frame (finished weight of 2.73 kg/mtr.) of size 100mm X 45mm made off with 5mm thick extruded foam PVC sheet, mitre cut at junction of horizontal and vertical member and joined them by heat welding. Entire door frame profiles to be reinforced with steel primer coated 19 SWG 40mm X 20mm M.S. tube. An additional 5mm thick PVC sheet with desired colour/shade to be provided at the exposed surface and three nos 5mm thick PVC sheet to be provided as gap insert. The door frame to be fixed with wall by using 8mm dia. and 100mm long stainless steel screws and PVC fasteners. A minimum of 4 nos. screws to be provided for each vertical member & 2 nos. for horizontal member all complete as per direction of Engineer-in-Charge. Plain Colour.	720.0	516.00	/Mtr.	371520.00
79	Supplying, fitting & fixing factory made solid panel foam PVC (density shall not be less than 600 kg/cum) door shutter consisting of 19 SWG thick M.S. tube of size 40mm X 20mm for styles and top, lock & bottom rail and welded together to form outer	180.0	2907.00	/Sq.Mtr.	523260.00

framework including a coat of approved make steel primer. M.S. frame shall be covered with 5mm thick heat moulded PVC channel to form 30mm X 100mm styles and 5mm thick PVC sheet on either side of panel to form 30mm X 125mm top, lock & bottom rail where 15mm (5mm X 3) thick and 20mm wide PVC sheet to be provide as gap insert for top & bottom rail. For panel 10mm PVC sheet to be fitted with stiles & rails with 30mm X 5mm PVC sheet beading on either side of panel and additional 30mm PVC beading as gap insert below top & bottom rail on either side of panel joined together using solvent cement adhesive. An additional 5mm thick and 20mm wide PVC strip to be stuck on the interior side of the PVC channel using using solvent cement adhesive etc. complete excluding all necessary hardwares as per direction of Engineer-in-Charge. In Ground floor. 30mm thick single leaf shutter with 10mm thick panel.  
Plain Colour..

80	Supplying, fitting and fixing cast iron raised rain proof tank cover 500 mm dia. with locking arrangements (weighing not less than 12 kg).	3.0	1263.00	Each	3789.00
81	Supply of cement for Item No. 76	1.0	6289.00	/MT	6289.00

**PART-A 2,04,00,101.32**



**PART-B**  
**(Sanitary & Plumbing Works)**

Sl No	Description of Item	Quantity	Rate (Rs. P)	Unit	Amount (Rs. P)
1.	Labour for dismantling G.I. pipe with fittings [Pg-24, It. No.1 (1,ii,iii,v,vi) plb.sch.				
	a) 15 mm dia	850.00 Mtr.	6.00	Mtr.	5,100.00
	b) 20 mm dia.	275.00 Mtr.	6.00	Mtr.	1,650.00
	c) 25 mm dia.	1350.00 Mtr.	6.00	Mtr.	8,100.00
	d) 40 mm dia.	155.00 Mtr.	8.00	Mtr.	1,240.00
	e) 50 mm dia	135.00 Mtr.	8.00	Mtr.	1,080.00
2.	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbow, 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) 15 mm dia	850.00 Mtr.	192.00	Mtr.	1,63,200.00
	b) 20 mm dia.	275.00 Mtr.	226.00	Mtr.	62,150.00
	c) 25 mm dia.	1350.00 Mtr.	305.00	Mtr.	4,11,750.00
	d) 40 mm dia.	155.00 Mtr.	415.00	Mtr.	64,325.00
	e) 50 mm dia	135.00 Mtr.	540.00	Mtr.	72,900.00
3.	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 upto 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) 80 mm dia. medium quality	250.00 Mtr.	798.00	Mtr.	1,99,500.00
4.	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 rubber plug of 30 mm dia., approved quality P.V.C. 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.				
	(ii) 550 mm X 400 mm size	73 Nos	2208.00	Each	1,61,184.00
5.	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets.	73 Nos	3285.00	Each	2,39,805.00
	a) Sink only				
	i) 530 mm X 430 mm x 180 mm each 3285.00				
6.	Dismantling Indian W.C. including taking out base concrete as necessary.	72 Nos	45.00	Each	3,240.00
7.	Dismantling E.P. or Anglo-Indian W.C. each	1 No.	45.00	Each	45.00
8.	Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc. (a) With 'P' trap (for W.C. with trap without vent the rate will be reduced by Rs.25.00)	73 Nos.	3079.00	Each	2,24,767.00
9.	Supplying, fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia. (i) 450 mm long	73 Nos	82.00	Each	5,986.00

10.	Supplying, fitting and fixing approved brand 32 mm dia.P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. (i) 750 mm long	73Nos.	59.00	Each	4,307.00
11.	Supplying, fitting and fixing Closet seat of approved make with lid and C.P.hinges, rubber buffer and brass screws complete. (a) E.W.C. (i) Plastic (hallow type) black	73 Nos.	302.00	Each	22,046.00
12.	Supplying, fitting and fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I. specifications supported on fibre glass frame of any colour, frame size 550 mm X 400 mm	73 Nos.	613.00	Each	44,749.00
13.	Supplying, fitting and fixing C.I. round grating. (i) 100 mm	220 Nos	62.00	Each	13,640.00
14.	Supply fitting fixing shower of approved brand and make (i) Polythene overhead shower of approved make 15 mm X 125 mm	72 Nos.	154.00	Each	11,088.00
15.	Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete,C.I. brackets including two coats of painting to bracket etc.	73 Nos.	1015.00	Each	74,095.00
16.	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.).				
	a) 15 mm dia.	162.00 Nos.	521.00	Each	84,402.00
	b) 50 mm dia.	10 Nos.	2362.00	Each	23620.00
	c) 40 mm dia.	5 Nos.	1646.00	Each	8230.00
17.	C.I. sluice valve with flanged ends drilled to as per I.S. 1358/62 and having all cast iron components as per I.S. 780/71 solid forged bronze inside screw spindle having ultimate tensile strength not less than 4.72 MT per sq. cm. Spindle nut valve and seat faces of hard ware resisting, manufactured from best quality gunmetal conforming to I.S. 780/71, painted black all over with asphalt base paint tested to 21 kg (hydraulic pressure) per sq. cm., valve opening to anticlockwise direction, fitted and fixed complete. (i) 80 mm	2 Nos.	3857.00	Each	7714.00

18.	C.I. sluice valve with flanged ends drilled to as per I.S. 1358/62 and having all cast iron components as per I.S. 780/71 solid forged bronze inside screw spindle having ultimate tensile strength not less than 4.72 MT per sq. cm. Spindle nut valve and seat faces of hard ware resisting, manufactured from best quality gunmetal conforming to I.S. 780/71, painted black all over with asphalt base paint tested to 21 kg (hydraulic pressure) per sq. cm., valve opening to anticlockwise direction, fitted and fixed complete.	2 Nos.	10,459.00	Each	20,918.00
19.	Supplying, fitting and fixing brass ferrule including connection with G.I. pipes of TATA make of following dia. and upto 450 mm long with screw, jamnut, sockets etc., complete in all respect, including cutting trenches in all sorts of soil and filling up the trenches as per direction of the Engineer - in - Charge.				
	(i) 25 mm dia.	5 Nos.	1884.00	Each	9420.00
20.	Cutting hole through wall, roof or cornice and mending good all damages.	225 Nos.	68.00	Each	15300.00
21.	Cutting out asphaltum road and restoring the same with spoils including guarding and barricading.	10 Mtr.	29.00	Mtr.	290.00
22.	Making connection with the existing pit.	225 Nos	88.00	Each	19,800.00
23.	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992.				
	(i) Single Socketed 3 Meter Length 110mm	1300 Mtr.	292.00	Mtr.	3,79,600.00
	(ii) Double Socketed 3 Meter Length 110mm	90 Mtr.	315.00	Mtr.	28,350.00
	(iii) Single Socketed 1.8 Meter Length 110mm	145 Mtr.	293.00	Mtr.	42,485.00
	(iv) Door Tee (b) 110 mm	20 Nos.	195.00	Each	3,900.00
	(v) Double Y with Door (b) 110 mm.	165 Nos.	345.00	Each	56,925.00
	(vi) Door Y (LH) & (RH) 110 mm.	85 Nos	276.00	Each	23,460.00

	(vii) 110 x 110 P trap	300 Nos.	281.00	Each	84,300.00
	(viii) Door Bend (LH) & (RH) i) 110 mm	20 Nos.	284.00	Each	5680.00
	(ix) Vent Cowl i) 110 mm.	50 Nos.	33.00	Each	1650.00
	(x) Pipe Clip i) 110mm.	500 Nos.	21.00	Each	10,500.00
	(xi) Door Gasket. i) 110 mm	1600 Nos.	8.00	Each	12,800.00
	(xii) Rubber Ring 110 mm	700 Nos.	17.00	Each	11,900.00
	C) Rubber Lubricant	100 Lts.	187.00	/500 ML.	37400.00
	D) Solvent Cement	500 Lts.	103.00	/250 ML.	2,06,000.00
24.	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.	1535.00 Mtr.	57.00	Mtr.	87,495.00
25.	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m.				
	a) In ground floor including roof.	5.00 Cum	447.00	Cum	2235.00
	b) Extra rate for each addl. Floor over the rate of ground floor.	10 .00 Cum	50.00	Cum	500.00
26.	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m.				
	In ground floor including roof.				
	(a) upto 150 mm. thick	5.00 Cum	939.00	Cum	4695.00
	(b) Extra rate for each addl floor over the rate of ground floor.	10.00 Cum	50.00	Cum	500.00

27.	Brick work with 1st class bricks in composite mortar with cement, lime and sand (1:1:6) (1 cement:1 lime putty/paste:6 sand)				
	(a) In superstructure, ground floor	1.00 Cum	5636.00	Cum	5636.00
28.	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.				
	(i) Pakur Variety.	5.00 Cum	5999.72	Cum	29,998.60
29.	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- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, 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 charges 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. I) For structural members of specified sections weighing less than 22.5 Kg./m	1.00 MT	59119.00	MT.	59119.00
30.	Uprooting and removing plants from the surface of walls parapet etc and making good damages. (Repairing of damages to be paid separately). (a) Small plant of girth of exposed stem upto 75 mm. Lift upto 6 mtr.	300 Nos	50.00	Each	15,000.00

	(b) Medium size plant of girth of exposed stem above 75 mm. but not exceeding 150 mm. lift upto 6 mtr.	150 Nos.	60 .00	Each	9,000.00
	(c) Large plant of girth of exposed stem above 150 mm. But not exceeding 225 mm. lift upto 6 mtr.	50 Nos.	187.00	Each	9,350.00
31.	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) – Multilayer				
	(c) 1500 litre capacity	17 Nos	7840.00	Each	1,33,280.00
32.	Labour for hoisting plastic water storage tank.				
	(i) Upto 1500 litre capacity. (a) Upto 1st story from G.L. each (b) Extra for each additional story each	17 Nos	225.00	Each	3,825.00
33.	Labour for punching hole in plastic water storage tank upto 50 mm dia.	51 Nos.	19.00	Each	969.00
34.	Supplying, fitting and fixing bib cock or stop cock.				
	(a) (i) Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Something Special of ESSCO or similar brand).	375 Nos.	539.00	Each	2,02,125.00
	(b) (i) Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Something Special of ESSCO or similar	150 Nos.	493.00	Each	73,950.00
	<b>Total Part B=</b>				<b>Rs.35,28,268.60</b>

**PART-C**  
**Electrical Part**

Sl No	Description of item	Qty	Unit	Unit rate (Rs. P.)	Amount (Rs. P)
1	Supplying and delivery double door Horizontal/Verticle TPN MCB Main Distribution Board [Enclosure 4way] with IP-42/43 protection along with 63A, FP 415V, 25KA, C-type MCCB as Incomer and 2nos. 32 amp, 415 volt, FP 10KA, C-type MCB & 1no 16 amp, 415 volt, FP 10KA, C-type MCB as outgoing. Terminal and Interconnection with suitable size of copper wire , extended terminals/ spreader link sets and neutral link & provision for earthing attachment.	1	No.	10256.00	10256.00
2	Installation, Testing and Commissioning of above Main Distribution Board on angle iron frame on wall & mending good the damages to original finish with nece. painting incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment <b>Location : on wall of desire place at pump room.</b>	1	No	1500.00	1500.00
3	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sq mm) single core stranded 'FR' PVC insulated & unsheathed copper wire with 1x22/0.3 (1.5 sq mm) single core stranded 'FRLS' PVC insulated & unsheathed copper wire for ECC, in suitable size of PVC rigid conduit pipe complete with all accessories embedded in wall & PVC casing-capping/PVC Rigid conduit pipe on ceiling ,wooden,& iron frame incl. necessary fittings as required, to <b>light points</b> with Modular type switch fixed on Modular GI switch board providing neutral link in S.B with top cover plate flushed in wall incl. mending good damages to original finish.(Average run 6 mtr.)(FOR PUMP ROOM)	3	Point	893.00	2679.00
4	Supply and delivery of 1.1 KV grade 4 core 25 sq.mm. XLPE insulated armoured aluminium cable comply to IS:7908(Part-1)/1988 or latest amendment if any.	100	Mtr.	175.00	17500.00
5	Laying of. 4C x 25 sq mm cable in underground with suitable size of HDPE pipe and average depth 760 mm including filling the space between the HDPE pipe and ground level and along the trench with shifted soil, leveling up	50	RM	162.00	8100.00



	and restoring the surface duly rammed				
6	Laying of 1.1 KV grade 4 core 25 sq.mm. XLPE insulated armoured aluminium cable on wall/ surface/cable tray/underground including S&F GI saddles and mending good damages to original finish incl. removing rubbish.	50	RM	60.00	3000.00
7	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust and moisture proof entry of XLPE cable - 4 core 25 sq.mm. aluminium cable.	4	SET	162.00	648.00
8	Finishing of XLPE cable ends by crimping method incl. supplying and fixing solderless sockets (Dowels make), tapes, anticorrosive paste and jointing material 4 core 25 sq.mm..	4	SET	115.00	460.00
9	Supplying and delivery double-door SPN MCB Lighting Distribution Boards [2+6 way Enclosure] along with 32A, 10KA, 415V C-type DP MCB as Incomer and 5 Nos. 6-32A, 10KA, 240V C-type SP MCB as Outgoing inter connection with suitable size of copper wire and neutral link & provision for earth attachment.	72	No.	2480.00	178560.00
10	Installation ,Testing and Commissioning of above Lighting Distribution Boards, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment . <b>(Location,-QUARTER,)</b>	72	No.	1200.00	86400.00
11	Distribution wiring from D.P Main switch to Lighting DB of each quarter with 1.1KV grade single core stranded FR <sup>LS</sup> , PVC insulated and unsheathed 2x56/0.3(4sq.mm)+1x36/0.3(2.5sq mm) ECC, FR <sup>LS</sup> copper wire in suitable size of PVC rigid conduit pipe embedded in wall by cutting wall for concealed or PVC casing-capping/PVC Rigid conduit pipe on ceiling ,wooden,& iron frame incl. necessary fittings as required . GI pipe for protection will be provided at the place of cutting stair lobby.	1620	RM	149.00	241380.00
12	Distribution wiring from Lighting DB to Switch board /15amp plug point in 1.1KV 2x36/0.3 (2.5 sq.mm. ) single core stranded 'FR <sup>LS</sup> ' PVC insulated & unsheathed copper wire + 1x22/0.3(1.5 sq.mm.) single core stranded 'FR <sup>LS</sup> ' PVC insulated & unsheathed copper wire for ECC. in suitable size of PVC	3600	RM	162.00	583200.00

	rigid conduit pipe embedded in wall by cutting wall for concealed or PVC casing-capping/PVC Rigid conduit pipe on ceiling ,wooden,& iron frame incl. necessary fittings as required.				
13	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sq mm) single core stranded 'FRLS' PVC insulated & unsheathed copper wire with 1x22/0.3 (1.5 sq mm) single core stranded 'FRLS' PVC insulated & unsheathed copper wire for ECC, in suitable size of PVC rigid conduit pipe complete with all accessories embedded in wall or PVC casing-capping/PVC Rigid conduit pipe on ceiling ,wooden,& iron frame incl. necessary fittings as required, to <b>light/fan points</b> with Modular type switch fixed on Modular GI switch board providing neutral link in S.B with top cover plate flushed in wall incl. mending good damages to original finish. <b>(Average run 6 mtr.)</b>	1152	Point	893.00	1028736.00
14	Distribution Wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FRLS' PVC insulated & unsheathed copper wire with 1x22/0.3 (1.5 sqmm) single core stranded 'FRLS' PVC insulated & unsheathed copper wire for ECC, to 240 V 6A 5 pin plug point incl. S&F 240 V 6A 5 pin Modular type plug socket & Modular type switch incl. S&F earth continuity wire, fixed on Module GI switch board with Module top cover plate flushed in wall incl. mending good damages to original finish <b>( On Board)</b>	288	Nos.	249.00	71712.00
15	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sq mm) single core stranded 'FRLS' PVC insulated & unsheathed copper wire with 1x22/0.3 (1.5 sq mm) single core stranded 'FRLS' PVC insulated & unsheathed copper wire for ECC, in suitable size of PVC rigid conduit pipe complete with all accessories embedded in wall, to 240 V 6A 5 pin plug point incl. S&F 240 V 6A 5 pin Modular type plug socket & Modular type switch incl. S&F earth continuity wire, fixed on Module GI switch board with Module top cover plate flushed in wall incl. mending good damages to original finish . <b>(Average run 3 mtr.)</b>	288	Nos.	369.00	106272.00
16	Supply & Fixing 240 V, 5/15 A, 6 pin Modular type plug socket with 15A Modular type switch, fuse & indicator unit complete set, without plug top on GI Modular type switch	72	set	456.00	32832.00

	board embedded in wall with top cover plate incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc.				
17	Supply, and delivery at site 1200mm. Ceiling Fan.	216	Nos.	1800.00	388800.00
18	Installation of ceiling fan complete with blade, regulator, canopy etc. with appropriate length of MS down rod & making necessary connection by cu wire.	216	Nos.	350.00	75600.00
19	Supply & Fixing 240V,450 watt Modular Socket type fan regulator(Step type) on Modular GI switch board with top cover plate incl. making necy. connections etc.	216	Nos.	387.00	83592.00
20	Supply of 2 x 20W range(double T/L set) LED type mounted indoor decorative luminaries of approved make.	216	Nos.	1200.00	259200.00
21	Installation of above luminaries on wall at desire location with necessary connection by cu wire ,nut, bolt compete	216	set	100.00	21600.00
22	Supply & fixing of minimum 15watt LED lamp at the side.	576	Nos.	300.00	172800.00
23	Supply and delivery at site of 12 inch. (300mm ) sweep Heavy Duty Exhaust Fan.	216	Nos.	2500.00	540000.00
24	Fixing of exhaust fan after making hole in wall and making good damages and smooth cement finish etc. as necy. as practicable as possible and providing necy. Length of PVC insulated copper wire and making connection for exhaust dia. 300 mm.	216	Nos.	300.00	64800.00
25	Supply and fixing of 240V 16A, DP Main switch on wooden Board below the staircase and making necessary connection as require. (1no for staircase & flood light).	9	Nos.	1000.00	9000.00
26	Supply and fixing of 240V 32A, DP Main switch on wooden platform below the staircase and making necessary connection as require. <b>(For 8no quarter/staircas).</b>	72	Nos.	1800.00	129600.00
27	Supply of minimum 80 watt <b>LED Street light</b> made up of pressure die cast housing with toughened glass and secondary optics, with IP66 protection,.	10	Nos.	10085.00	100850.00

28	Fixing of outdoor / street light type LED light fitting complete with all accessories to be fixed /projected from wall incl. making holes/providing clamping arrangement & necy. GI reducer as required. S&F suitable size of GI pipe (ISI-Medium) quality 1.5 mts. average length having suitable bend S&F necy. length of 1.5 sqmm PVC insulated single core stranded annealed copper wire and making connections with S&F of suitable size of joint box with bracalite connector in JB as required and mending good damages to wall incl. painting etc.	10	Nos.	807.00	8070.00
29	Distribution wiring from D.P Main switch to staircase Joint Box in 1.1KV 2x36/0.3 (2.5 sq.mm. ) single core stranded 'FRLS' PVC insulated & unsheathed copper wire + 1x22/0.3(1.5 sq.mm.) single core stranded 'FRLS' PVC insulated & unsheathed copper wire for ECC. in suitable size of PVC rigid conduit pipe embedded in wall by cutting wall for concealed or PVC casing-capping/PVC Rigid conduit pipe on ceiling ,wooden,& iron frame incl. necessary fittings as required. <b>(For Staircase)</b>	1800	RM	162.00	291600.00
30	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FRLS' PVC insulated & unsheathed copper wire with 1x22/0.3 (1.5 sqmm) single core stranded 'FRLS' PVC insulated & unsheathed copper wire for ECC, in suitable size of PVC rigid conduit pipe complete with all accessories embedded in wall or PVC casing-capping/PVC Rigid conduit pipe on ceiling ,wooden,& iron frame incl. necessary fittings as require from <b>staircase Joint Box</b> to <b>staircase</b> bulk head light fitting on wall incl. mending good damages to original finish. <b>(Average run 6 mtr.,For Staircase)</b>	81	Point	893.00	72333.00
31	Supplying & Fixing bulk head light fitting (Havells make) with diecast aluminium housing & frosted glass on wall/ceiling incl. S&F 15watt LED lamp & Holder complete set <b>(For Staircase)</b>	81	Set	879.00	71199.00
32	Supply,Making&Fixing18mmx1500mmx1200mm Anti turmeric Board with suitable size of deapth for housing 9 nos Meter ,8 nos 32 amp DP & 1no 15amp DP Main switch, covering by double door hintch iron net cover with lock &key.. <b>(Location,- Below the Staircase,)</b>	9	Nos.	6000.00	54000.00

33	Earthing with 50mm. Dia. GI pipe ISI Medium 3.64 mm thick, 3.04 mtrs. Long and 1x4 SWG GI earth wire (4mtrs long ), 13 mm. dia x 80 mm. long GI nuts and bolts, double washer, incl. S&F 65 mm. dia GI pipe protection (1mtr. Long ) to be filled with bitumen partly under the ground level and partly above ground level driven to an average depth of 3.65 mtrs below the ground level including providing necessary masonry enclosure of overall size 86.36 cm x 86.36 cm x 46 cm deep ( below the ground level), CI hinged inspection cover of size 36.56 cm x 36.56 cm and treating of soil by using salt and charcoal as required. Earthing work is to be carried out as per IS.(2 for Pump room)	20	Nos.	1524.00	30480.00
34	Connecting the earth station to earth bus bar at Main Panel /Main db inclusive of S&F 25mm x 6mm Galvanized (Hot Dip) MS flat under the ground level/on wall/floor with GI saddle as required inclusive drilling holes, bolts, nuts, washers etc. and mending good the damages as required.	100	Mtr.	138.00	13800.00
35	Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 25 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required.	50	RM	156.00	7800.00
36	Connecting the equipments to earth busbar including S & F GI (Hot Dip) wire of size as below on wall/floor with staples buried inside wall/floor as required and making connection to equipments with bolts, nuts, washers, cable lugs etc. as required and mending good damages. Solid GI wire: No. 8 SWG	1000	Mtr	13.00	13000.00
37	Dismantling of existing LT Lighting Distribution Panel, old cables and existing electrical installations/wiring/accessories etc. and handed over to Ex. Engr. (Elect) Kopt	1	LS	15000.00	15000.00
<b>TOTAL Part C=</b>					<b>Rs.47,96,359.00</b>

**ABSTRACT****Part –A:** Rs.2,04,00,101.32**Part –B:** Rs. 35,28,268.60**Part –C:** Rs. 47,96,359.00**Total = Rs.2,87,24,728.92****(Rupees two crore eighty seven lakh twenty four thousand seven hundred twenty eight and paise ninety two only)****Tenderer to fill up the following [score out which is not applicable]**

(a).....%	<u>price not to be quoted here</u>	
(in figures)	Below par (-) Rs. }	
.....Percent		
(in words)		
(b).....	At par	NIL
(c).....%	Above par (+) Rs. }	
(in figures)		
.....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,  
 Kolkata Port Trust.

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 **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), HDC, 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)

WITNESS :

Signature :

Name of the Bidder :

Name :

Address :

(In Block Letters)

Address :

Occupation :

ANNEXURE - E**General Conditions of Contract  
Forms and Agreements**

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Sanctioned by the Trustees under Resolution No. 92 of the 6<sup>th</sup> Meeting held on 27<sup>th</sup> May, 1993

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Including Addendum Sanctioned by the Trustees Meeting held on July,  
2014

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**KOLKATA PORT TRUST**  
**KOLKATA DOCK SYSTEM & HALDIA DOCK COMPLEX**  
**JULY , 2014**

**GENERAL CONDITIONS OF CONTRACT**

	CLAUSE		PAGES
1.	AMENDMENT TO GENERAL CONDITIONS OF CONTRACT	...	GC 1
2.	DEFINITION	...	GC 2 – GC 3
3.	DUTIES & POWERS OF ENGINEER & ENGINEER'S REPRESENTATIVE	...	GC 3 – GC 5
4.	THE TENDER/OFFER AND ITS PRE-REQUISITES	...	GC 5 – GC 9
5.	THE CONTRACT & GENERAL OBLIGATIONS OF CONTRACTOR	...	GC 9 – GC 14
6.	COMMENCEMENT, EXECUTION AND COMPLETION OF WORK	...	GC 14 – GC 17
7.	TERMS OF PAYMENT	...	GC 18 – GC 20
8.	VARIATION AND ITS VALUATION	...	GC 20 – GC 22
9.	DELAY/EXTENSION OF COMPLETION TIME/LIQUIDATED DAMAGE/TERMINATION OF CONTRACT	...	GC 22 – GC 24
10.	MAINTENANCE AND REFUND OF SECURITY DEPOSIT	...	GC 24 – GC 25
11.	INTERPRETATION OF CONTRACT DOCUMENTS, DISPUTES & ARBITRATION	...	GC 25 – GC 27
12	FORMS GC-1, GC-2 , GC-3		
13	FORM OF AGREEMENT		
14	PROFORMA FOR B.G. FOR CONTRACT PERFORMANCE		
15	INTEGRITY PACT DOCUMENT: PROFORMA		
16	DRAFT Memorandum of Understanding between Ko.P.T. & Transparency International India		

**GC - 1**  
**AMENDMENT**  
**TO**

**GENERAL CONDITIONS OF CONTRACT**

❖ **CI-3.4 THE TENDER /OFFER & ITS PRE-REQUISITES**

Table under sub-clause (a)

<b>PREVIOUS</b>			<b>AS AMENDED</b>		
<b>Estimated Value of Work</b>	<b>Amount of Earnest Money</b>		<b>Estimated Value of Work</b>	<b>Amount of Earnest Money</b>	
	<b>For Works Contract</b>	<b>For Contract of Supplying Materials or Equipment only</b>		<b>For Works Contract</b>	<b>For Contract of Supplying Materials or Equipment only</b>
<b>Up to Rs. 1,00,000=00</b>	<b>5% of the estimated value of work</b>	<b>1% of the estimated value of work</b>	<b>Up to Rs. 10 Crore</b>	<b>2% of the estimated value of work</b>	<b>1% of the estimated value of work</b>
<b>Over Rs. 1,00,000.00</b>	<b>2% of the estimated value of work subject to a maximum of Rs. 20,000/- and minimum of Rs. 5,000/-.</b>	<b>½% of the estimated value of work subject to a maximum of Rs. 10,000/- and minimum of Rs. 1,000/-.</b>	<b>Over Rs. 10 Crore</b>	<b>2% on first Rs. 10 Crore + 1% on the balance</b>	<b>½% of the estimated value of work subject to a maximum of Rs. 10,000/- and minimum of Rs. 1,000/-.</b>

**[ AMENDMENT SANCTIONED BY THE BOARD OF TRUSTEES VIDE RESOLUTION NO 210 OF THE TRUSTEES' MEETING HELD ON 26.02.2013 ]**

Table under sub-clause (d)

<b>PREVIOUS</b>			<b>AS AMENDED</b>		
<b>Class of Registration</b>	<b>Amount Of Fixed Security</b>	<b>Financial Limit Of Each Tender</b>	<b>Class of Registration</b>	<b>Amount Of Fixed Security</b>	<b>Financial Limit Of Each Tender</b>
<b>A</b>	<b>Rs 10,000/-</b>	<b>Any tender priced upto Rs 2,00,000/-</b>	<b>A</b>	<b>Rs 50,000/-</b>	<b>Any tender priced up to Rs 10,00,000/-</b>
<b>B</b>	<b>Rs 5,000/-</b>	<b>Any tender priced upto Rs 1,00,000/-</b>	<b>B</b>	<b>Rs 25,000/-</b>	<b>Any tender priced upto Rs 5,00,000/-</b>
<b>C</b>	<b>Rs 2,500/-</b>	<b>Any tender priced upto Rs 50,000/-</b>	<b>C</b>	<b>Rs 15,000/-</b>	<b>Any tender priced upto Rs 3,00,000/-</b>

**[ AMENDMENT SANCTIONED BY THE BOARD OF TRUSTEES VIDE RESOLUTION NO 82 OF THE TRUSTEES' MEETING HELD ON 12.10.2012 ]**

## GC - 2

## 1. DEFINITIONS

- 1.0 In the contract, as here in after defined, the following words and expressions shall have the meaning herein assigned to them, except where the context otherwise required.
- 1.1 "Employer" or "Board" or "Trustees" means of the Board of Trustees for the Port of Calcutta, a body corporate under Section 3 of the Major Port Trusts Act, 1963, including their successors, representatives and assigns. Employer
- 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 Chairman
- 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 representatives, heirs, successor and assigns, if any, permitted by the Board/Chairman. Contractor
- 1.4 "Engineer" means the Board's official who has invited the tender on its behalf and includes the Manager (Infrastructure & Civic Facilities) 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. Engineer
- 1.5 "Engineer's Representative" means any subordinate 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. Engineer's Representative
- 1.6 "Work" means the work to be executed in accordance with the Contract and includes authorised "Extra Works" and 'Excess Works" and "Temporary Works". 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. Temporary works
- 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 the works i.e. (Bill 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. Extra works and Excess works
- 1.9 "Specifications" means the relevant and appropriate Bureau of Indian Standard's specifications / International Standard's Specifications (latest revisions) for materials and workmanship unless stated otherwise in the Tender. Specification

## GC - 3

- |      |  |                              |
|------|--|------------------------------|
| 1.10 | <b>“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.</b>   | Drawings                     |
| 1.11 | <b>“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.</b>   | Contract                     |
| 1.12 | <b>“Constructional Plant” means all appliances or things of whatsoever nature required 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 works.</b>  | Constructional Plant         |
| 1.13 | <b>“Site” means the land, waterways and other places, on, under, in or through which the works are to be executed by the Trustees for the purpose of the Contract.</b>   | Site                         |
| 1.14 | <b>“Contract Price” means the sum named in the letter of acceptance of the Tender/Offer of the Contractor, subject to such additions thereto and deductions therefrom as may be made by the Engineer under the provisions here in after contained.</b>   | Contract Price               |
| 1.15 | <b>“Month” means English Calendar Month.</b>   | Month                        |
| 1.16 | <b>“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).</b> | Excepted Risks               |
| 1.17 | <b>Word importing the singular only, also includes the plural and vice-versa where the context so requires.</b>  | Singular/<br>Plural          |
| 1.18 | <b>The heading 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.</b>  | Headings/<br>Marginal Notes. |
| 1.19 | <b>Unless otherwise stipulated the work “Cost” shall be deemed to include overhead costs of the Contractor, whether on or off the site.</b>  | Cost                         |
| 2.0  | <b>DUTIES &amp; POWERS OF ENGINEER &amp; ENGINEER’S REPRESENTATIVE.</b>  |                              |
| 2.1  | <b>The Contractor shall execute, compete and maintain the works in terms of the</b>  | Engineer’s                   |

contract to the entire satisfaction of the Engineer and  
Shall comply with the Engineer's direction on any matter whatsoever.

Authority

GC - 4

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| 2.2 | The Contractor shall take instructions from the Engineer and subject to limitation of Clause 2.5 hereof, from the Engineer's Representative.   | Authority of<br>Engineer's<br>Representative |
| 2.3 | <p><i>The Engineer shall have full power and authority :</i></p> <p>(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.</p> <p>(b) to alter or modify the specification of any material and workmanship and to inspect the work at any time.</p> <p>(c) to order for any variation, alteration and modification of the work and for extra works.</p> <p>(d) to issue certificates as per contract.</p> <p>(e) to settle the claims &amp; disputes of the Contractor and Trustees, as the first referee.</p> <p>(f) To grant extension of completion time.</p>   | Engineer's<br>Power                          |
| 2.4 | <p><i>The Engineer's Representative shall :</i></p> <p>(i) watch and supervise the works.</p> <p>(ii) test and examine any material to be used or workmanship employed in connection with the work.</p> <p>(iii) 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.</p> <p>(iv) take measurements of work done by the contractor for the purpose of payment or otherwise.</p> <p>(v) order demolition of defectively done work for its reconstruction all by the Contractor at his own expense.</p> <p>(vi) have powers to issue alteration order not implying modification of design and extension of completion time of the work and</p> <p>(vii) 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.</p> | Power of<br>Engineer's<br>Representative.    |

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- 2.5** *Provided always that the Engineer's Representative shall have no power :* **Limitation of Engineer's Representative's 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 :* **Engineer's Overriding Power**
- (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 re-constructing at the contractor's cost and the contractor shall have no claim to compensation for the loss if any sustained by him.
  - (b) If the contractor shall be dissatisfied by reason of any decision of the Engineer's Representative, he shall be entitled to refer the matter to the Engineer who shall thereupon confirm, reverse or vary such decision.
  - (c) Any written instructions or written approval given by the Engineer's Representative to the contractor, within the terms of delegation of power and authority vested in the 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.

**3.0 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 considered all factors, risks and contingencies, which will have direct and indirect 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 climatic 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. **The tender must encompass all relevant aspects/issues. Site & Local condition.**
  - (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. **Drawing/ Specification/ Nature & extent of work to be done.**

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- (c) The accommodation required for the workmen and site office, mobilisation/demobilisation and storage of all plant, equipment and Construction materials. **Accommodation for Contractor's men/materials.**
- (d) The sources and means of procurement of water for drinking, washing and execution of work, and source and availability of electrical power, **Water for drinking etc. /Electrical**

all at Contractor's cost.

power.

- (e) Payment of taxes and duties and compliance of all applicable statutes, ordinances and law together with the rules made thereunder, 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.

Payment of Taxes/duties and observance of all statutes.

- (f) Payment of all kinds of stamp-duty for executing the agreement or for any legal instrument including Bank Guarantees and Indemnity Bonds.

Payment of Stamp Duty by the Contractor.

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

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

Disclosure of Owner's name.

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

Earnest Money and Security Deposit.

Estimated Value of Work	Amount of Earnest Money	
	For Works Contract	For Contract of Supplying Materials or Equipment only
Up to Rs. 1,00,000=00	5% of the estimated value of work	1% of the estimated value of work
Over Rs. 1,00,000=00	2% of the estimated value of work subject to a maximum of Rs. 20,000/- and minimum of Rs. 5,000/-.	½% of the estimated value of work subject to a maximum of Rs. 10,000/- and minimum of Rs. 1,000/-.

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- (b) Earnest Money shall be deposited with the Trustees' treasurer in cash or by Banker's Cheque of any Calcutta Branch of a Nationalised Bank of India drawn in favour of Calcutta Port Trust or in the form of any "Account Payee" Draft of any Nationalised Bank of India drawn in favour of "Calcutta Port Trust" and payable at Calcutta/Haldia, as the case may be, and the receipt granted therefor be kept attached to the Tender/Offer in the Sealed Cover.

Method of Paying E.M.

- (c) Earnest Money of unaccepted tender shall be refunded without any interest through A/c. Payee Cheque drawn on a Nationalised Bank of Calcutta / Haldia.

Refund of E.M.

- (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

Exemption from E.M. to Regd. Firms

following scale :

Class of Registration	Amount of Fixed Security	Financial Limit of Each Tender
A	Rs. 25,000/-	Any tender priced up to Rs.5,00,000/-
B	Rs. 10,000/-	Any tender priced up to Rs.2,00,000/-
C	Rs. 5,000/-	Any tender priced up to Rs.1,00,000/-

- (e) (i) Tender submitted without requisite Earnest Money may be liable to rejection. Tender without EM liable to rejection.
- (ii) If before expiry of the validity period of his Tender/Offer, the tenderer 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 at the option of the Trustees. Forfeiture of E.M. before Acceptance of offer.
- (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. E.M. to be converted to part S.D.
- (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. Mode of recovery of balance S.D.

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Value of Work	% of Security Deposit for works contract.	% of Security Deposit For contract of supply-ing materials & equipment only.	Scale of S.D. recovery.
For works up to Rs.10,00,000/-.	10% (Ten percent)	1% (One percent)	
For works costing more than Rs.10,00,000/- and up to Rs.20,00,000/-	10% on first Rs.10,00,000/- + 7½% on the balance.	1% on first Rs.10,00,000/- + ½% on the balance.	
For works costing more than Rs.20,00,000/-	10% on first Rs.10,00,000/- + 7 ½% on the next Rs.10,00,000/- + 5% on the balance.	1% on first Rs.10,00,000/- + ½% on the next Rs.10,00,000/- + ¼% on the balance.	

- (h) Balance Security for Contract of supplying materials and equipment computed in terms of the percentages given above, shall have to be S.D. for supply contracts 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 Nationalised Bank of India drawn in favour of Calcutta Port Trust and payable at Calcutta/Haldia, as the case may be. deposited in advance.

(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. No interest payable on E.M. /S.D.

3.5 (i) The Security Deposit shall 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. Id, 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 expiry of 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. Mode of refund of S.D.

(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. Forfeiture of S.D.

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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 Calcutta/Haldia Branch, as the case may be, of any Nationalised 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 shall be liable to forfeiture; all at the 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-fulfilment 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. Bank Guarantee in lieu of Cash S.D. in certain cases

3.7 "Every Tenderer/ Bidder shall submit, in respect of a tender value of more than Rs 5 Crore, 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 GCC. In case of tender value more than Rs 5 Crore, the Integrity Pact Agreement is an essential part and parcel of bid document to be submitted by each tenderer, without which the tender shall not be considered."

#### 4.0 THE CONTRACT & GENERAL OBLIGATIONS OF CONTRACTOR

4.1 (a) The contract documents shall be drawn-up in English language.

English language to be used

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| <p>(b) The contract shall be governed by all relevant Indian Acts. As applicable only within the jurisdiction of the High Court at Calcutta, India, including the following Acts :</p> <ol style="list-style-type: none"> <li>1. The Contract Act (India), 1872.</li> <li>2. The Major Port Trusts Act, 1963.</li> <li>3. The Workmen's Compensation Act, 1923.</li> <li>4. The Minimum Wages Act, 1948.</li> <li>5. The Contract Labour (Regulation &amp; Abolition) Act, 1970.</li> <li>6. The Dock Workers' Act, 1948.</li> <li>7. The Arbitration and Conciliation Act (1996) (in the case of a definite Arbitration Agreement only).</li> </ol> | <p>Applicability of laws on the contract</p>                   |
| <p>4.2 After acceptance of his Tender/Offer and when called on 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.</p>   | <p>Contractor to Execute Contract Agreement.</p>               |
| <p>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.</p>   | <p>Interpretation of contract documents – Engineers' Power</p> |

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| <p>4.4 Two copies of the Drawings 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.</p>   | <p>All Drawings are Trustees' property.</p>              |
| <p>4.5 The Contractor shall prove and make at his own expense any working or progress drawings required by him or necessary for the proper execution of the works and shall, when required, furnish copies of the same free of cost to the Engineer for his information and/or approval, without meaning thereby the shifting of Contractor's responsibility on the Engineer in any way whatsoever.</p>   | <p>Contractor to prepare working / progress drawings</p> |
| <p>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 sub-letting under this clause.</p> | <p>Contractor cannot sub-let the work</p>                |
| <p>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.</p>  | <p>Contractors' price is inclusive of all costs</p>      |

- 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.

Contractor is responsible for all construction process, except for correctness of design and specification formulated by the Engineer Contractor to submit his programme of work

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If for any reason the contractor be unable to adhere to his earlier programme, he shall submit his revised programme for completion of work within the stipulated time whenever asked to do so.

- 4.10 Necessary and adequate supervision shall be provided by the Contractor during execution of the works and as long thereafter as the Engineer or his representative shall consider necessary during the maintenance period. The Contractor or his competent and authorised agent or representative shall be constantly at site and instructions given to him by the Engineer or his representative in writing shall be binding upon the Contractor subject to limitation in Clause 2.5 hereof. The Contractor shall inform the Engineer or his representative in writing about such representative/agent of him at site.
- 4.11 The Contractor shall employ in execution of the Contract only qualified careful and experienced persons and the Engineer shall be at liberty to direct the Contractor to stop deployment of any of his staff, workmen or official at site and the Contractor shall within 48 hours comply with such instruction without any demur whenever the Engineer shall feel that the deployment of the person concerned will not be conducive to the proper and timely completion of the work.
- 4.12 The Contractor shall be responsible for the true and proper setting out of the works in relation to reference points/lines/levels given by the Engineer in writing. The checking of any setting-out or of any alignment or level by the Engineer or his Representative shall not in any way relieve the contractor of his responsibility for the correctness thereof and he shall fully provide protect and preserve all stakes, templates, bench marks, sight rails, pegs, level marks, profile marks and other things used in setting out the works.
- 4.13 From the commencement of the works till issue of the completion certificate in

Contractor to supervise the works

Contractor to deploy qualified men and Engineer's power to remove Contractor's men

Contractor is responsible for line, level, setting out etc.

Contractor is

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 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.

responsible to  
protect the  
work

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- 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.
- Contractor is responsible for all damages to other structures / persons caused by him in executing the work.
- 4.15 The Contractor shall immediately inform the Engineer's Representatives 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.
- Fossils, Treasure travois, etc. are Trustees' property
- 4.16 The Contractor shall be deemed to have indemnified and shall indemnify the Trustees against all claims, demands, actions and proceedings and all costs arising therefrom on account of :
- Contractor to Indemnify the Trustees against all claims for loss, damage, etc.
- (g) Infringement of any patent right, design, trademark or name or other protected right in connection with the works or temporary work.
- (h) 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.

- (i) Unauthorised obstruction or nuisance caused by the contractor in respect of Public or Private or Private road, railway tracks, footpaths, crane tracks, waterways, quays and other properties belonging to the Trustees or any other person.
- (j) Damage/injury caused to any highway and bridge on account of the movement of Contractor's plants and materials in connection with the work.
- (k) Pollution of waterway and damage caused to river, lock, sea-wall or other structure related to waterway, in transporting contractor's plants and materials.
- (l) 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 property, building or structure in terms of the Contract shall remain the property of the Trustees. Dismantled materials Trustees' property

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- 4.18 The Contractor's quoted rates shall be deemed to have been inclusive of the following : Contractor's quoted rates/price must be all inclusive
- (a) Keeping the site free of unnecessary obstruction and removal from site of constructional plant wreckage, rubbish, surplus earth or temporary works no longer required.
  - (b) Cleaning and removal from site all the surplus materials of every kind to leave the site clean and tidy after completion of the work, without which payment against final bill may be liable to be withheld.
  - (c) Precautionary measures to secure efficient protection of Docks, the River Hooghly and other waterways against pollution of whatever nature during execution and maintenance of the works and to prevent rubbish, refuse and other materials from being thrown into the water by the Contractor's men or those of his agency.
  - (d) Making arrangements for deployment of all labourer 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 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.

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| 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 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 despatch. | Notice to Contractor.                                       |
| 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.   | Contractor not to publish photograph or particulars of work |

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| 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. | Contractor to provide facilities to outsiders                |
| 4.22 | The work has to be carried out by the Contractor causing the minimum of hindrance for any maritime traffic or surface traffic.  | Work to cause minimum possible hindrance to traffic movement |
| 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 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.   | Trustees' lien on Contractor's Plant & Equipment.            |
| 5.0  | <b>COMMENCEMENT, EXECUTION AND COMPLETION OF WORK.</b>  |  |
| 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   | Preliminary time to commence work an maintenance of          |

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. steady rate of progress

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. Contractor's site office

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. Contractor to observe Trustees' working hours

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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. Contractor to supply all materials as per requirement of the Engineer or his representative

5.5 Unless stipulated otherwise in the contract all materials, workmanship and 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 material and workmanship shall be of the best of their respective kinds to the satisfaction of the Engineer. Materials & Works

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. Contractor to submit samples for approval

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. Contractor to arrange all testing at his own cost.

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. The Contractor shall account for and look after the Trustees' materials

- (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 in writing. Contractor to compensate for loss and damage to Trustees' materials
- (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. Delay in supply of Trustees' materials will only entitle the Contractor for extension of completion time of work
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- (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/s stipulated in the contract. These rates shall only be considered by the contractor in the preparation of his tender/offer and these will form the basis of escalation/variation, if in future the contractor is required to procure and provide any such material on the written order of the Engineer consequent on the Trustees' failure to effect timely supply thereof. Recovery from Contractor for Trustees' materials under normal circumstances
- (e) If the Engineer decides that due to the contractor's negligence, any 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 % extra over the higher one of the followings - Recovery from Contractor for Trustees' materials under other circumstances.
- (1) The issue rate of the materials at the Trustees' Stores and
  - (2) The market price of the material on the date of issue as would be determined by the Engineer.
- 5.9 The Engineer or his Representative shall have the power to inspect any material and work at any time and to order at any time – (i) for removal from the site of any material which in his opinion is not in accordance with the contract or the instruction of the engineer or his representative, (ii) for the substitution of the proper and suitable materials, or (iii) the removal and proper re-execution of any work which in respect of material and workmanship is not in accordance with the contract or the instructions of the Engineer. The Contractor shall comply with such order at his own expense and within the time specified in the order. If the contractor fails to comply, the Engineer shall be at liberty to dispose any 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 to replace materials/work not acceptable to the Engineer or his Representative



- contractor and after giving him a written prior notice of 7 days.
- 5.10** No work shall be covered up and put out of view by the contractor without approval of the Engineer or his Representative and whenever required by him, the contractor shall uncover any part or parts of the work or make openings in or through the same as may be directed by the Engineer or his representative from time to time and shall reinstate or make good those part of works thus affected to the satisfaction of the Engineer, all at the cost of the contractor.
- Contractor to seek approval of Engineer or his Representative before covering up any portion of work

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.

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- 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 –
- Contractor to suspend work on Order from Engineer or his Representative

- (a) otherwise provided for in the contract, or
- (b) necessary by reason of some default on the part of the contractor, or
- (c) necessary by reason of climatic conditions on the site, or
- (d) 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, and the same shall be final and binding on the Contractor.

- 5.11.1** 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 instructions.

- 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 taken over and/or used by the Trustees, the Contractor shall on application be entitled to
- Completion Certificate G.C.1.

partial completion certificate in the Form 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.

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##### 6.0 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.  | All interim payments are advances till issue of Certificate in Form G.C.2 |
|     | On account payments, if any, made prior to issue of the certificate in Form G.C.2, shall all be treated as mere advance, 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 only on the basis of measurements 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 decides any other rate for change in the scope of work or omission, if any, on the part of the Contractor.   | Payment on the basis of measurements at agreed rates.                     |
| 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. | Limitation for on account payment   |
| 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  | Recording of measurements   |

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.

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- 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, amounts and recoveries to type out the bill.
- Contractor to prepare and submit his bills
- 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
- Advance payment against Non-perishable materials

execution of the work or otherwise,

- (v) in the event of storage 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 Trustees' whereby the contractor shall indemnify the Trustees against all financial loss/damage, on account of loss/damage to such materials for whatever reasons,

#### GC – 20

- (vi) in the event of storage of such materials outside the Trustees' protected areas the Contractor shall submit to the Engineer an irrevocable Bank Guarantee favouring the Trustees and for the same sum as is being advance, in the proforma and manner acceptable to the Trustees. The Guarantee shall be of a Calcutta/Haldia Branch of any Nationalised Bank or a Schedule 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 overcertify for payment or the Trustees should over-pay the Contractor on any account.	Recovery for wrong and over payment
6.8	No claim for interest shall be admissible or payable 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.	Interest not admissible to Contractor
7.0	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 fulfilment of his obligation under the contract.	Quantities in Bill of Quantities of Tender
7.2	The Engineer shall have the power to order the Contractor in writing to	Engineer's

make any variation of the quantity, quality 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 :

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- 7.2 (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 upto 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.
- Variation by engineer do not vitiate the contract
- Where written order for variation is not needed
- Payment for extra or additional, or omitted work or substituted work, Engineer's powers

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- (d) If the nature or amount of any omission or addition relative to the nature or amount of the whole of the contract work or to any part thereof shall be such that, in the opinion of the Engineer, the rate of prices contained in the contract for any item of the works or the rate as evaluated under sub-clauses (b) and (c) of this clause, is by reason of such omission or addition rendered unreasonable or in-applicable, the Engineer shall fix such other rate or price as he deems proper and the Engineer's decision shall be final, binding and conclusive.

#### 8.0 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 commotion 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 Damage" Clause (No.8.3 hereof) on the Contractor and his decision shall be final and binding on the Contractor. If an extension of completion time is granted by the Engineer without imposition of liquidated damage, from 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 communicated 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 piece) as mentioned in the letter 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% of the said value of work. The amount of Liquidated damages shall be determined by the Engineer, which shall be final and binding.
- Extension of completion time
- 'Liquidated Damage' and other compensation due to Trustees

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- (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 and enter upon the site and works and expel the Contractor there from after giving him a minimum 3 days' notice in writing, 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 :
- Default of the Contractors remedies & powers/Termination of Contract.**
- (i) The Contractor has abandoned the contract.
  - (ii) In the opinion of the Engineer, either the progress of work is not satisfactory or the work is not likely to be completed within the agreed period on account of Contractor's lapses.
  - (iii) The Contractor has failed to commence the works or has without any lawful excuse under these conditions has kept the work suspended for at least 15 days 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 or to dismantle or demolish and replace work for 7 days after receiving from the Engineer or his representative the written notice stating that the said materials or work were condemned and rejected by him under these conditions.
  - (v) The Contractor is not executing the works 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 adjusted insolvent or enters into composition with his creditors or being a company goes into liquidation either compulsory or voluntary.

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- 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 at 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 work of the work in

accordance with the contract.

**8.3.3** Upon termination of contract, the Contractor shall be entitled to receipt payment of only 90% of the value of work actually done or materials actually supplied by him and subject to recoveries as per contract, 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 are known in all respect.

#### **9.0 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 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 any manner deemed suitable by the Engineer.

Contractor's obligation for maintenance of work.

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**9.2** The Contractor 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.

Certificate of final completion

**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 therefrom in respect of any sum due to the Trustees from the Contractor.

Refund of Security Deposit



## **10.0 INTERPRETATION OF CONTRACT DOCUMENTS, DISPUTES AND 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, drawings, designs 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 works 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. **Engineer's decision**
- 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. **Chairman's award.**
- 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 require 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. **Arbitration.**
- 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 his predecessor left it.

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- 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 either Calcutta or Haldia as may be fixed by the Arbitrator in his sole discretion. Upon every or any such reference the cost of any incidental to the reference and award respectively shall be in the 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 thereunder, 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 decision. The Engineer also shall not withhold any payment, which, according to him, is due or payable to the Contractor, on the ground that certain disputes have cropped up and are likely to be referred to arbitration.
- 10.5 Provided always as follows:
- [a] Nothing of the provisions in paragraphs 10.3 to 10.3.7 hereinabove would apply in the cases 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.

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- [c] Contractor's dispute if any arising only during the maintenance period, if any, stipulated in the contract, must be submitted to the Engineer, with detailed justification in the context of contract conditions, before the issuance of final completion certificate in Form G.C.-2 ibid.  
No dispute or difference on any matters whatsoever, the Contractor can raise pertaining to the Contract after submission of certificate in form G.C.3 by him.
- [d] Contractor's claim / dispute raised beyond the time limits prescribed in sub-clauses 10.5[b] and 10.5 [c] hereinabove, shall not be entertained by the Engineer and / or by any Arbitrator subsequently.
- [e] The Chairman / Trustees shall have the right to alter the panel of Arbitrators, vide Clause 10.3 hereinabove, on their sole discretion, by adding the names of new Arbitrators and / or by deleting the names of existing Arbitrators, without making any reference to the Contractor.

(TO BE SUBMITTED WITH COVER- I OFFER)

**THE BOARD OF TRUSTEES FOR THE PORT OF KOLKATA**  
**FORM OF TENDER (UNPRICED)**

To  
The Chief Engineer  
Kolkata Port Trust

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 \_\_\_\_\_ months / weeks 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 BE QUOTED IN COVER I OFFER**

(Repeat in words) **NOT TO BE QUOTED IN COVER I OFFER**

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), HDC, 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)

**WITNESS :**

Signature :

Name : (In Block Letters)

Address :

Occupation :

Name of the Bidder :

Address :

KOLKATA PORT TRUST  
FORM G.C.1

Contractor \_\_\_\_\_

Address -----

-----

Date of completion :

Dear sir(s),

This is to certify that the following work viz :-

Name of work : .....

.....  
 .....  
 Estimate No. E.E.0.....Dt.....

C.E.O.....Dt.....

Work Order No.....  
 Allocation.....  
 Contract No. ....

which was carried out by you is in the opinion of the undersigned complete in every respect on the \_\_\_\_\_ day of \_\_\_\_\_ 2000 in accordance with terms of the Contract and you are required to maintain the work as per Clause 62 of the General Conditions of Contract and under provisions of the Contract for a period of \_\_\_\_\_ weeks / months / years

from the \_\_\_\_\_ day of \_\_\_\_\_ 2000 to \_\_\_\_\_ day of \_\_\_\_\_ 2000 .

Yours faithfully,

Signature.....  
 (ENGINEER/ENGINEER'S REPRESENTATIVE)  
 Name.....  
 Designation.....  
 OFFICE SEAL

KOLKATA PORT TRUST  
**FORM G.C.2.**

**Certificate of Final Completion.**

The Financial Adviser & Chief Accounts Officer  
The Manager (Finance), Haldia Dock Complex.

This is to certify that the following work viz:-

Name of work : .....

Estimate No. E.E.O.....dt.....  
C.E.O.....dt.....

Work Order No.....

Contract No. ....

Resolution & 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 obligations under the 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 Chief Engineer  
Kolkata Port Trust  
Haldia.

(Atten:.....)

Dear Sir,

I / We do hereby declare that I / we have received full and final payment from the Calcutta Port Trust for the execution of the following work viz:-

Name of work : \_\_\_\_\_  
 \_\_\_\_\_

Work Order No :- \_\_\_\_\_

Contract No. \_\_\_\_\_

Agreement No.....Dt.....

and I / we have no further claim against the Calcutta Port Trust in respect of the above-mentioned job.

Yours faithfully,

(Signature of the Contractor)

Dated \_\_\_\_\_

Name of Contractor.....

Address:.....

(OFFICIAL SEAL OF THE CONTRACTOR)

KOLKATA PORT TRUST

PROFORMA OF FORM OF AGREEMENT

THIS AGREEMENT made \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_ between the "Board Of Trustees for the Port Of Calcutta , a statutory body constituted under Major Port Trust Act ,1963 under the rules there under and statutory modification thereto having Registered Office at 15, Strand Road , Calcutta -700001 (hereinafter called "EMPLOYER" which expression unless

excluded by or repugnant to the context be deemed to include his successor/s in office) on the one part and \_\_\_\_\_ (hereinafter called the "CONTRACTOR" which expression shall unless excluded by or repugnant to the context he deemed to include his heirs, executors, administrators, representative, successor in officer and permitted assigns) of the other part.

WHEREAS The TRUSTEES are desirous that certain works should be executed viz \_\_\_\_\_ and have accepted a Tender/Offer by the contractor for the execution, completion and maintenance of such works .

NOW THIS CONTRACT AGREEMENT WITNESSETH as follows :-

1. In this agreement words 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 :-
  - i.The said Tender/Offer & the acceptance of Tender/ Offer.
  - ii.The Drawings.
  - iii.The General Conditions Of Contract.
  - iv.Special Conditions Of Contract (If any).
  - v.The Conditions Of Tender.
  - vi.The Specifications.
  - vii.The Bill Of Quantities.
  - viii.All correspondences 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 ,complete and maintain the work in conformity in all respects with the provisions of Contract.
4. The Trustees hereby covenants to pay to the contractor in consideration of such execution ,completion and maintenance of the works the Contract Prices at the times and in the manner prescribed by the contractor .

IN WITNESS whereof the parties hereto have caused their respective Common Seals to be hereunto as fixed (or have set their respective hands and seals) the day and year first above written.  
have executed these presents on 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 he presence of :

Name :- \_\_\_\_\_

Address :- \_\_\_\_\_

**Proforma Of Irrevocable 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 nationalised Bank of India on Non-Judicial Stamp Paper worth Rs 50/- or as decided by the Engineer/ Legal Adviser of the Trustees.**

Ref. \_\_\_\_\_

Bank Guarantee No. \_\_\_\_\_

Date \_\_\_\_\_



To  
The Board of Trustees for the Port of Kolkata,  
15, Strand Road  
Kolkata – 700 001

Dear Sirs,

In consideration of the Board of Trustees For the Port of Kolkata, - (hereinafter referred to as the “EMPLOYER” which expression shall unless repugnant to the context or meaning thereof include its successors administrators and assigns) having awarded to \_\_\_\_\_, with registered office at \_\_\_\_\_ (hereinafter referred to as the “CONTRACTOR “ which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns) a CONTRACT by issue of EMPLOYER’S work order dated \_\_\_\_\_ the same having been unequivocally accepted by the Contractor resulting in a ‘CONTRACT’ bearing Letter Of Award No \_\_\_\_\_ dated \_\_\_\_\_ Valued at Rs \_\_\_\_\_ for “ \_\_\_\_\_ ” and the contractor having agreed to prove a Contract performance Guarantee for the faithful performance of the entire Contract equivalent to Rs. \_\_\_\_\_ ( rupees \_\_\_\_\_ only) to the EMPLOYER.

We, the \_\_\_\_\_ Bank, \_\_\_\_\_, Kolkata/ Haldia having its Head Office at \_\_\_\_\_ (hereinafter referred to as the “Bank”, which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns) do hereby guarantee and undertake to pay the Employer on demand any and all monies payable by the Contractor to the extent of Rs. -( \_\_\_\_\_ only) as aforesaid at any time upto without any demur, reservation, contest, recourse or protest an/or without any reference to the CONTRACTOR, Any such demand made by Employer on the Bank shall be conclusive and binding notwithstanding any difference between EMPLOYER and CONTRACTOR or any dispute pending before any Court, tribunal, Arbitrator or any other Authority. The Bank undertakes not to revoke this guarantee during its currency without previous consent of employer and further agrees that the guarantee herein contained shall continue to be enforceable till the Employer discharges his guarantee.

EMPLOYER shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee from time to time to extend the time for performance of the CONTRACT by CONTRACTOR. Employer shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or any right which they might have against Contractor, and to exercise the same at any time in any manner, and other to enforce or to forebear to enforce any covenants, contained or implied, in the CONTRACT between EMPLOYER and CONTRACTOR or any other course of remedy or security available to EMPLOYER . The Bank shall not be released of its obligations under these presents by any exercise by EMPLOYER of its liberty with reference to the matters aforesaid or any of them or by reason or any other acts of omission or commission on the part of employer or any other indulgence shown by EMPLOYER or by any other matter or thing whatsoever which under Law would, but for this provision, have the effect of relieving the bank.

The Bank also agreed that EMPLOYER at its option shall be entitled to enforce this Guarantee against the Bank as principal debtor, in the first instance without proceeding against CONTRACTOR and notwithstanding any security or other guarantee that EMPLOYER may have in relation to the CONTRACTOR’S liabilities.

Notwithstanding anything contained herein above our liability under this guarantee is restricted to Rs \_\_\_\_\_ (rupees \_\_\_\_\_ only) and it shall remain in force up to and including \_\_\_\_\_ and shall be extended from time to time for such period , on whose behalf this guarantee has been given.

Dated, this \_\_\_\_\_ day of \_\_\_\_\_ 2010 \_\_\_\_\_ at \_\_\_\_\_

WITNESSES

\_\_\_\_\_

\_\_\_\_\_

(Signature)

(Signature)

(Name)

(Name)

(Official address)

(Designation with Bank Stamp)  
+ Attorney as per power of Attorney No.

Dated .....

**Integrity Pact**

Between

**Kolkata Port Trust (KoPT)** hereinafter referred to as **"The Principal/ Employer"**.

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, an Independent External Monitor (IEM) appointed by the principal, will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

NOW, THEREFORE,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to:-

Enabling the PRINCIPAL/EMPLOYER to get the contractual work executed and/or to obtain/dispose the desired said stores/ equipment at a competitive price in conformity with the defined specifications/ scope of work by avoiding the high cost and the distortionary impact of corruption on such work /procurement/ disposal and Enabling BIDDERS/ CONTRACTORS to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the PRINCIPAL/EMPLOYER will commit to prevent corruption, in any form, by its officials by following transparent procedures.

**Section 1 – Commitments of the Principal/ Employer.**

(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 in connection with the tender for, or the execution of a contract, demand, take a promise for or accept,

- for self or third person, any material 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 Indian Penal Code (IPC)/Prevention of Corruption (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 contract, submission or non-submission of bids 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 purposes 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/representatives in India, if any. Similarly the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principles, 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.
  - e. 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 considered appropriate.

#### **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 and 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 from the date of signing the Integrity pact with any other Company in any country conforming to the anti corruption approach or with any other Public Sector Undertaking / Enterprise in India, Major Ports/ Govt. Departments of 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 considered appropriate.

#### **Section 6- Equal treatment of all Bidders/Contractors/Sub-Contractors**

- (1) The Bidder(s)/Contractor(s) undertake(s) to demand from 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 Sub-contractors.
- (3) The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

#### **Section 7- Other Legal actions against violating Bidder(s)/ Contractor(s)/ Sub Contractor(s)**

The actions stipulated in this Integrity pact are without prejudice to any other legal action that may follow in accordance with provisions of the extant law in force relating to any civil or criminal proceedings. .

#### **Section 8 – Role of Independent External Monitor(IEM):**

- (a) The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this pact.
- (b) The Monitors shall not be subject to instructions by the representatives of the parties and shall perform their functions neutrally and independently.
- (c) Both the parties accept that the Monitors have the right to access all the documents relating to the contract.
- (d) As soon as the Monitor notices, or has reason to believe, a violation of this pact, he will so inform the authority designated by the Principal and the Chief Vigilance Officer of Kolkata Prot Trust.
- (e) The BIDDER/ CONTRACTOR(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the PRINCIPAL including that provided by the BIDDER/ CONTRACTOR. The BIDDER/ CONTRACTOR will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation, if any. The same is applicable to sub-contractors. The Monitor shall be under contractual obligation to treat the information and documents of the Bidder/Contractor/ Sub-contractor(s) with confidentiality.

(f) The Principal/ Employer will provide to the Monitor sufficient information about all meetings among the parties related to the contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor, the option to participate in such meetings.

(g) The Monitor will submit a written report to the designated Authority of Principal/ Employer/ Chief Vigilance Officer of Kolkata Port Trust within 8 to 10 weeks from the date of reference or intimation to him by the Principal/ Employer/ Bidder/ Contractor and should the occasion arise, submit proposals for correcting problematic situation. BIDDER/ CONTRACTOR can approach the Independent External Monitor (s) appointed for the purposes of this Pact.

(h) As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or to take corrective action, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

(i) If the Monitor has reported to the Principal substantiated suspicion of an offence under the relevant IPC/PCA, and the Principal/ Employer has not, within reasonable time, taken visible action to proceed against such offence or reported to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

(j) The word 'Monitor' would include both singular and plural.

#### **Section 9 – Facilitation of Investigation:**

In case of any allegation of violation of any provisions of this Pact or payment of commission, the PRINCIPAL/EMPLOYER or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER/CONTRACTORS and the BIDDER/CONTRACTOR shall provide necessary information and documents **in English** and shall extend all possible help for the purpose of such examination.

#### **Section 10 – Pact Duration:**

The pact beings with when both parties have legally signed it and will extend upto 2 years or the complete execution of the contract including warranty period whichever is later. In case bidder/contractor is unsuccessful this Integrity Pact shall expire after 6 months from the date of signing of the contract.

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, KoPT.

#### **Section 11 – Other Provisions:**

- (1) This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal in Kolkata.
- (2) Changes and supplements as well as termination notices need to be made in writing in English.
- (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 reminder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

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(For & on behalf of the Principal)

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(For & on behalf of Bidder/Contractor).

(Office Seal)

(Office Seal)

Place :

Date :

Witness 1:

(Name & Address) .....

.....

.....

Witness 2:

(Name & Address) .....

.....

.....

#### **ANNEXURE-A**

#### **GUIDELINES FOR INDIAN AGENTS OF FOREIGN SUPPLIERS**

- 1.1 There shall be compulsory registration of Indian agents of Foreign suppliers for all Tenders. An agent who is not registered with KoPT shall apply for registration in the prescribed Application-Form.
- 1.2 Registered agents will file an authenticated Photostat copy (duly attested by a Notary Public)/Original certificate of the principal confirming the agency agreement and giving the status being enjoyed by the agent and the commission/ remuneration/salary/retainer ship being paid by the principal to the agent before the placement of order by KoPT.
- 1.3 Wherever the Indian representatives have communicated on behalf of their principals and the foreign parties have stated that they are not paying any commission to the Indian agents, and the Indian representative is working on the basis of salary or as retainer, a written declaration to this effect should be submitted by the party (i.e. Principal) before finalizing the order.
- 2.0 DISCLOSURE OF PARTICULARS OF AGENTS/REPRESENTATIVES IN INDIA. IF ANY.**
- 2.1 Tenderers of Foreign nationality shall furnish the following details in their offer:
  - 2.1.1 The name and address of the agents/representatives in India, if any and the extent of authorization and authority given to commit the Principals. In case the agent/representative be a foreign Company, it is to be conformed whether it is real substantial Company and details of the same shall be furnished.
  - 2.1.2 The amount of commission/ remuneration included in the quoted price(s) for such agents/ representatives in India.
  - 2.1.3 Confirmation of the Tenderer that the commission/remuneration if any, payable to his agents/ representatives in India, is to be paid by KoPT in Indian Rupees only.

**2.2 Tenderers of Indian Nationality shall furnish the following details in their offers:**

- 2.2.1 The name and address of the foreign principals indicating their nationality as well as their status, i.e. whether manufacturer or agents of manufacturer holding the Letter of Authority of the Principal specifically authorizing the agent to make an offer in India in response to tender either directly or through the agents /representatives.
- 2.2.2 The amount of commission/remuneration included in the price(s) quoted by the Tenderer for himself.
- 2.2.3 Confirmation of the foreign principals of the Tenderer that the commission/remunerations, if any, reserved for the Tenderer in the quoted price(s), is to be paid by KoPT in India in equivalent Indian Rupees.
- 2.3 In either case, in the event of contract materializing, the terms of payment will provide for payment of the commission/remuneration, if any payable to the agents/representatives in India in Indian Rupees on expiry of 90 days after the discharge of the obligations under the contract.
- 2.4 Failure to furnish correct and detailed information as called for in paragraph-2.0 above will render the concerned tender liable for rejection or in the event of a contract materializing, the same liable to termination by KoPT. Besides this there would be a penalty of banning business dealings with KoPT or damage or payment of a named sum.