TENDER DOCUMENT

KOLKATA PORT TRUST Office of the Superintending Engineer, River Training, 51, Circular Garden Reach Road, Kolkata 700 043; Tele – 033 24397079 E-mail id: r.mukherjee@kolkataporttrust.gov.in

E-Tender under single stage two part system (Part I: Techno-Commercial Bid and Part II: Price Bid) are invited from *bonafide, resourceful, experienced and reputed firms* **registered with KoPT** with required experience as per Prequalification criteria stipulated in the Tender Document for "Petty miscellaneous repair works including plumbing and sanitary works at KoPT campus at Nischintapur.Diamond Harbour.Hooghly point, Swarupganj in Nadia District and Khejuri " as per the attached Bill of Quantities. Bid Document may be seen from MSTC website. Corrigenda or clarifications, if any, shall be hosted on the above mentioned website only.

Bidders will have to participate in bidding process through website <u>www.mstcecommerce.com</u> only.

a. TENDER NO.	RT/TN/17-18/10 DATED: 06.09.2017
b. MODE OF TENDER	e-Procurement System (Online Part I – Techno-Commercial Bid and Part II – Price Bid through <u>www.mstcecommerce</u> .com/eprochome KoPT of MSTC Ltd. The intending bidders are required to submit their offer electronically through e-tendering portal. No physical tender is acceptable by KOLKATA PORT TRUST.
c. E-Tender No.	KoPT/Kolkata Dock System/CE/103/17-18/ET/285
d. Date of NIT available to parties to download	From 10.09.2017 to 10.10.2017 (Upto 14.00 hours)
e. Pre-Bid Meeting date & Time	There will be no Pre bid meeting
f. Pre –Bid Meeting closing date & Time	N/A
g. i) Estimated Cost Of Work	Rs. 734907.49
ii) Earnest Money Deposit	The intending bidders should submit Earnest Money of 14700.00) only to KoPT as per NIT.
iii) Bid Document fee	The intending bidders should submit the tender cost of Rs.600/- (Rupees three hundred) only (non-refundable) separately to KoPT as per NIT, otherwise their offer will be summarily rejected.
iv) Transaction Fee	433 /-(Including @ 18% GST) Payment of Transaction fee by NEFT/RTGS in favour of MSTC LIMITED (refer clause. No. 4 of Annexure –I)

SCHEDULE OF TENDER (SOT)

h.	Last date of submission of EMD & Bid	10.010.2017 upto 15.00 Hrs.
11.	Document fee at Kolkata Port Trust	
	Last date of submission of Transaction fee through RTGS/NEFT in favour of MSTC Limited,Kolkata.	Three working days before the last date of closing of online bidding for the e-tender.
İ.	Date of Starting of e-Tender for submission of on line Techno-Commercial Bid and price Bid at <u>www.mstcecommerce</u> .com/eprochome/	10.09.2017 (From 12.00 hours onwards)
j.	Date of closing of online e-tender for submission of Techno-Commercial Bid & Price Bid.	10.10.2017 (Up to 3:00 P.M.)
k.	Date & time of opening of Part-I (i.e. Techno-Commercial Bid) Part-II Price Bid. Date of opening of Part II i.e. price bid shall be informed separately	10.10.2017 (After 3:30 P.M.)

List of Annexures

Important Instructions for E- Tender	:- Annexure -	А
Commercial Terms & Conditions	:- Annexure -	В
Techno Commercial Bid (Cover-I)	:- Annexure -	С
List of Scanned Documents required to be uploaded	:- Annexure -	D
Price Bid (Cover-II)	:- Annexure -	Е
General Conditions of Contract	:- Annexure -	F

Important instructions for E-procurement

This is an e-procurement event of KOPT. The e-procurement service provider is MSTC Ltd., 225C, A.J.C. Bose Road, Kolkata-700 020. You are requested to read the terms & conditions of this tender before submitting your online tender.

Process of E-tender : A) Registration: The process involves vendor's registration with MSTC eprocurement portal which is free of cost. Only after registration, the vendor(s) can submit his/their bids electronically. Electronic Bidding for submission of Technical Bid as well as Commercial Bid will be done over the internet. The Vendor should possess Class III signing type digital certificate. Vendors are to make their own arrangement for bidding from a P.C. connected with Internet. MSTC is not responsible for making such arrangement. (Bids will not be recorded without Digital Signature). SPECIAL NOTE: THE TECHNICAL BID AND THE COMMERCIAL BID HAS TO BE SUBMITTED ON-LINE AT www.mstcecommerce.com/eprochome/kopt 1).Vendors are required register themselves online with to www.mstcecommerce.com \rightarrow e-Procurement \rightarrow PSU/Govt depts \rightarrow Select KoPT Logo->Register as Vendor -- Filling up details and creating own user id and password \rightarrow Submit. 2). Vendors will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form. In case of any clarification, please contact KOPT/MSTC, (before the scheduled time of the e- tender). Contact person (KOPT): Dealing Officer's name :- 1.R.Mukherjee, Superintending Engineer(River Training) 2.P.Mukhopadahaya, Ex.Engineer(River Training) Phone no. 033 24397079 e-mail :- r.mukherjee@kolkataporttrust.gov.in Contact person (MSTC Ltd): 1. Shri S Mukherjee, DM(e-Commerce) - smukherjee@mstcindia.co.in 2. Ms S Maity, AM(e-Commerce) - smaity@mstcindia.co.in B) System Requirement: i) Windows 7 or above Operating System ii) IE-7 and above Internet browser. iii) Signing type digital signature iv) Latest updated JRE 8 (x86 Offline) software to be downloaded and installed in the system.

To enable ALL active X controls and disable 'use pop up blocker' under

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	Tools→Internet Options→ custom level (Please run IE settings from the page www.mstcecommerce.com once)
2	The Techno-commercial Bid and the Price Bid shall have to be submitted onlineatwww.mstcecommerce.com/eprochome/kopt.Tenderswillbeopenedelectronically on specified date and time as given in the Tender.
3	All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.
	Special Note towards Transaction fee:
4	The vendors shall pay the transaction fee using "Tr ansaction Fee Payment" Link under "My Menu" in the vendor login. The vendors have to select the particular tender from the event dropdown box. On selecting NEFT, the vendor shall generate a challan by filling up a form. The vendor shall remit the transaction fee amount as per the details printed on the challan without making change in the same. Once the payment gets credited to MSTC's desi gnated bank account, the transaction fee shall be auto authorized and the vendor shall be receiving a system generated mail.
	Transaction fee is non-refundable. A vendor will not have the access to online e-tender without making the payment towards transaction fee.
5	Information about tenders / corrigendum uploaded shall be sent by email only during the process till finalization of tender by KOPT. Hence the bidders are required to ensure that their corporate email I.D. provided is valid and updated at the time of registration of vendor with MSTC (i.e. Service Provider). Bidders are also requested to ensure validity of their DSC (Digital Signature Certificate).
6	E-tender cannot be accessed after the due date and time mentioned in NIT.
7	 Bidding in e-tender : a. Bidder(s) need to submit necessary EMD, Tender fees and Transaction fees (If ANY) to be eligible to bid online in the e-tender. Tender fees and Transaction fees are non refundable. No interest will be paid on EMD. EMD of the unsuccessful bidder(s) will be refunded by KOPT. b. The process involves Electronic Bidding for submission of Technical and Commercial Bid c. The bidder(s) who have submitted transaction fee can only submit their Technical Bid and Commercial Bid through internet in MSTC website www.mstcecommerce.com → e-procurement →Psu/Govt depts→ Login under KOPT→My menu→ Auction Floor Manager→ live event →Selection of the live event d. The bidder should allow running JAVA application. This exercise has to be done immediately after opening of Bid floor. Then they have to fill up Common terms/Commercial specification and save the same. After that clicking on the Technical bid. If this application is not run then the bidder will not be able to save/submit his Technical bid.
	e. After filling the Technical Bid, bidder should click 'save' for recording their Technical bid. Once the same is done, the Commercial Bid link becomes active and the same has to filled up and then bidder should click on "save" to record their Commercial bid. Then

	once both the Technical bid & Commercial bid has been saved, the bidder can click on the "Final submission" button to register their bid
	f. Vendors are instructed to use <i>Attach Doc button</i> to upload documents. Multiple
	documents can be uploaded.
	g. In all cases, bidder should use their own ID and Password along with Digital
	Signature at the time of submission of their bid.
	h. During the entire e-tender process, the bidders will remain completely anonymous to one another and also to everybody else.
	i. The e-tender floor shall remain open from the pre-announced date & time and
	for as much duration as mentioned above.
	j. All electronic bids submitted during the e-tender process shall be legally
	binding on the bidder. Any bid will be considered as the valid bid offered by that
	bidder and acceptance of the same by the Buyer will form a binding contract
	between Buyer and the Bidder for execution of supply.k. It is mandatory that all the bids are submitted with digital signature
	certificate otherwise the same will not be accepted by the system.
	1. Buyer reserves the right to cancel or reject or accept or withdraw or extend
	the tender in full or part as the case may be without assigning any reason thereof.
	m. No deviation of the terms and conditions of the tender document is
	acceptable. Submission of bid in the e-tender floor by any bidder confirms his
	acceptance of terms & conditions for the tender.
8	Any order resulting from this tender shall be governed by the terms and conditions mentioned therein.
9	No deviation to the technical and commercial terms & conditions are allowed.
10	KOPT has the right to cancel this e-tender or extend the due date of receipt of bid(s) without assigning any reason thereof.
11	The online tender should be submitted strictly as per the terms and conditions and
11	procedures laid down in the website www.mstcecommerce.com/eprochome/kopt
	of MSTC Ltd.
	The bidders must upload all the documents required as per terms of tender. Any
12	other document uploaded which is not required as per the terms of the tender shall
	not be considered.
13	The bid will be evaluated based on the filled-in technical & commercial formats.
14	Bidders are requested to read the vendor guide and see the video in the page
	www.mstcecommerce.com/eprochome to familiarize them with the system before
	bidding.
15	Bidder has full read and understood the entire Tender Document, GCC, and Addenda, if
	any downloaded from under the instant e-tender and no other source, and will comply to
	the said document, GCC and Addenda"
	A declaration in this regard to be made by the bidder.
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Annexure –B

Office of the Superintending Engineer, River Training, 51, Circular Garden Reach Road, Kolkata 700 043; Tele – 033 24397079 E-mail id: r.mukherjee@kopt.in Commercial Terms & Conditions

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 evaluation of bids also.
- 2 Price Bids (Part-II) of only those eligible bidders whose Part-I Bids are complete and in order shall be opened on time and date to be intimated later separately.
- 3. Copy of valid NSIC Certificate for MSEs along with DIC's (DISTRICT INDUSTRIES CENTRE) Certificate has to be submitted along with the bid.
- 4. Due date of submission of tender will not be extended under any situation.
- 5. EARNEST MONEY : As Per NIT
- 6. 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) for items for which the tender is invited.
 - **SCOPE OF WORK :**
- 7. As per E-Tender Document
- 8. 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.
- 9. 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

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TRUST, thereon shall be final and binding upon all parties.

- 10. 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.
- 11 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.
- 12. The contract shall be governed by all relevant Indian Acts applicable only within the jurisdiction of the High Court at Calcutta.
- 13. 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.
- 14 Bidders are advised to visit the site of work prior to submission of their bid. Bidder shall get himself thoroughly familiarized with the site conditions, existing road facilities for carrying materials etc. before submission of the e-tender. He may contact the **Superintending Engineer (RIVER TRAINING)** or his authorized representative at his office at 51 Circular Garden Reach Road, Kolkata 700043 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.
- 15. 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.

16. NON- RESPONSIVE BIDDER :-

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

- 1. is not accompanied by requisite earnest money,
- 2. is not accompanied by requisite tender paper cost,
- 3. validity of the offer is less than tender stipulation,
- 4. It does not meet the Qualification Criteria as stipulated in the NIT.
- 5. 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.
- 6. is not accompanied with the photo copy of ESI, EPF & GST Registration etc.
- 7. if the tender is conditional.
- 8. if all the documents required as per NIT are not uploaded.

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.

17. EARNEST MONEY AND SECURITY DEPOSIT : As per tender Document

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- **18.** Performance Guarantee : Not Applicable
- **19.** 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'.
- 20 PRICES: As per BOQ given in the tender document.
- 21 The bidder shall quote his price as per the Bill of Quantities in the Price bid (Part-II)
- 22 The Bidder shall state clearly his quoted rates both in figure & word.
- 24. Price(s) to be quoted should remain firm over the contract period.
- 25. All taxes & duties are deemed to be included in the quoted rate except GST as applicable.
- 26. EVALUATION CRITERIA: As per relevant clause of Tender document.
- 27. <u>PAYMENT</u>: As per Tender document.
- 28. Location: As per Tender document.
- 29. Time of Completion: As per Tender document.
- 30. Work is to carried out as per terms & condition of the contract document
- **31.** JURISDICTION OF COURT : The contract shall be governed by all relevant Indian Acts applicable within the jurisdiction of Kolkata.
- 32 PERSONAL PROTECTIVE EQUIPMENT (PPE): Contractor and their workmen including driver & helper must use PPE i.e. safety helmet etc. at the time of work inside the dock premises
- 32. Compensation (Liquidated Damages) against failure to complete the work within the stipulated time as per tender condition.
- 33. Price adjustment clause: As per Tender document.
- 34. Technical capacity: As stipulated in Tender document.
- 35. <u>Financial capacity</u>: As stipulated in Tender document.
- 36. DOCK PERMITS : As per tender document.

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

Annexure –C

Techno Commercial Bid (Part-I)

PRE-QUALIFICATION CRITERIA FOR BIDDERS: -

1. The intending bidder must have successfully completed similar works like construction / repairing / maintenance of buildings or shed or go down or Industrial structure or any other civil engineering structure / cleaning or upkeepment works of buildings / bridges / industrial structures or have successfully completed similar works during the last 7 (seven) years ending last day of month previous to the 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) **O2 (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.

- The Average Annual Financial Turnover of the bidding firm during the last three years, ending on 31-03-2017, should be at least 30% of the estimated amount put to tender.
- 3. Work experience as a sub contractor shall not be considered as the requisite qualification.

OTHER INSTRUCTIONS:-

E-Tenderers are invited on two *Cover* basis (i.e. Part-I Techno Commercial Part I & - Part II Price Part) from resourceful, experienced and bonafide reputed bidders registered with Kolkata Port Trust with sound technical and financial capabilities for the above mentioned work at Kolkata Port Trust.

Details of the Tender & Tender Documents are available in web site of MSTC and have to participate in bidding process through their website <u>www.mstcecommerce.com</u> only.

Notification for issuance of any Addendum / Corrigendum to the tender document will be given only through MSTC website and the bidders are requested to check for the same at the website prior to submission of their offers.

E-Tenderers are not permitted to alter/change/delete/modify any clause of the tender document down loaded from the website. If any deviation / discrepancy is found after submission of tender, the submitted offer will be summarily rejected.

Bidders shall submit the Bid Document as stipulated in the "Instructions To Bidders" of the e-tender document. Trustees reserve the right to verify the submitted copies of documents / credentials with the original documents.

E-Tenderers will be received through MSTC up to 15:00 hrs. on the last date of submission 00/00/2016 and opening of tender specified above.

Part -I (Techno commercial part) of the e-Tender will be opened shortly after 3.30 p.m. on the stipulated date.

Part -II (Price Part) of only technically & commercially qualified bidders will be opened at a same date under due intimation to all concerned.

In case of unscheduled Holiday / Bandh on the date of opening of E-Tender, the same will be opened on the next working day.

Kolkata Port Trust reserves the right to reject any or all offers or to accept the offer in whole or in part without assigning any reason whatsoever thereof.

The tenderer shall include in their prices sums payable as Taxes to the Government or Public Bodies or Individual and such taxes shall not be an extra charge payable by the Trustees' except GST which will be paid extra.

The tenderer shall submit certified copy of the Permanent Income Tax Account No. in the last page of the B.O.Q.

EMD & cost of Tender Document to be submitted through Bank Draft/Banker's Cheque/Demand Draft etc. in favour of Kolkata Port Trust, payable at Kolkata, details to be uploaded along with the tender documents.

The intending tenderer should have valid registration against ESI & EPF issued by the competent authority, Copy of which is to be submitted along with the tender, failing which their offer will be considered as non responsive. **Once a Bid is submitted, it will not be allowed to be revised.**

INSTRUCTIONS TO BIDDER

1.0 GENERAL

The work as described in the tender shall be executed in at Nischintapur, Diamond Harbour, Hooghly Point, Falta and Swarupganj and in accordance with the attached General Conditions of Contract, Special Conditions of Contract, Technical Specifications, Drawings (if any) & detailed Bill of Quantities. Location of the place of work should be inspected at the office of the **Superintending Engineer (River Training)** on any working day before quoting for the tender with prior appointment.

- **2.0** After opening of the Tender earnest money and cost of tender paper are to be physically deposited at the office of the Superintending Engineer (River Training).51 C.G.R.Road Kolkata 700043 by vender's/contractor through Bank Draft/Banker's cheque / Demand Draft/Pay order etc in favour of Kolkata Port Trust payable at Kolkata
- **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) Pay Order/Bank Draft 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) Pay Order/Bank Draft No.

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

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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 Techno commercial part i.e. Part -I shall contain the following which are to be uploaded: -
- a) A signed declaration by the Tenderer that
 - i. The Bidding Firm has not been debarred / de-listed by any Govt / Quasi Govt. / Public Sector undertaking in India.
 - ii. 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.
- c) In Volume-I, the un-priced "Abstract Form of Tender" & "Form Of Tender" (without price quoted) shall not only be signed and stamped by the Bidder, but must also be duly witnessed.
- d) 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-II' in Volume-I of the tender document.
- e) 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.

f) Scanned copy of the following documents to be uploaded:-

(i) <u>GST registration certificate.</u>

- (ii) Valid Trade Licence
- (iii) Valid Professional Tax Clearance Certificate.
- (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 Volume-I) of the tender document.
- (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-gualification criteria including the Schedule-T.
- (viii) Last three years balance sheet and profit & loss account in support of Annual Financial turnover (i.e. 2014-2015 .2015-2016.2016-2017) and the same should be audited as per relevant norms wherever required.
- (ix) Addendum/Corrigendum / Notice / Extension Notice issued and drawings (if any) duly signed by the Bidder under office seal.
- (x) Certified copies of PAN Card.
- (xi) Original T.R. relating to Permanent Earnest Money Deposit.
- (xii) Duly signed full Techno Commercial Part(Part-I) and Price Bid(Part-II)
- (xiii) Bank Draft/ Pay order etc. regarding EMD & Cost of Tender documents

(xiv) <u>GST Registration Certificate (Mandatory)</u>

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

- 3.3 PART-II will contain the Price Bid as per BOQ and Form of e-Tender to be uploaded duly signed, & filled up by the bidder.
- 3.4 All the bidders should submit the e-tender in accordance with the Mode of submission of Bid as aforesaid.

4.0 ACCEPTANCE OF TENDER:-

4.1 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**.

4.2 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.

5.0 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**

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

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 after competition of work

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 **DETAILED SCRUTINY OF E-TENDERERS** :

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. The price bids i.e. Part-II of those bidders who meet the qualifying criteria of NIT shall be opened.

8.0 EVALUATION CRITERIA:-

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

9.1 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**.

9.2 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.

10.0 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**

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

SPECIAL CONDITIONS OF CONTRACT

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, Special Conditions of the Contract, Notice Inviting E-Tender, Instructions to Bidders, Specifications for Materials and Workmanship, 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.

- Order letter.
- Bill of Quantities.

- Drawings.
- Particular Specifications of work.
- Special Conditions of Contract.
- 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, KoPT thereon shall be final and binding upon all parties.

3. SCOPE OF WORK:

Base Camp at Nischintapur.Diamond Harbour.Hooghly point,Phalta, Swarupganj in Nadia District and Khejuri.The successful tenderer will have to carry out petty miscellaneous repair works including plumbing and sanitary works of the said Office Buildings and camp premises, supplying appliances including consumable materials & other ancillary services as and when required as per Bill of Quantities and as directed by the Engineer-in-Charge or his representative.

4. WORK SITE:

Base Camp at Nischintapur. Diamond Harbour. Hooghly point, Phalta, Swarupganj in Nadia District and Khejuri.

5. INSPECTION OF SITE:

The Bidder should inspect the site of work and thoroughly familiarise himself with the nature and extent of the work, site conditions and location etc. before submission of the tender. He may contact the **Superintending Engineer (River Training)** at his office at **51, Circular Garden Reach Road, Kolkata 700 043 for** collecting information about the site before submission of the tender. No excuse or claim, whatsoever, shall be entertained afterwards on ignorance of the site conditions, extent of the work or any other parameter related to the scope of the work.

6. WORKING PERIOD:

Normally the work will be carried out between 8 A.M. to 5 P.M. on the Trustees' working day only. In case of any deviation from this the Contractor shall have to take prior permission from the Engineer-in-Charge.

7. SUFFICIENCY OF TENDER:

i) 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 proper execution of the work.

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iii) In case rate of particular item is printed erroneously in B.O.Q., the rate stated in the Trustees' sanctioned schedule of rates /special rates that is/was in vogue at the time of estimating for the subject work, will prevail over the rate misprinted in B.O.Q.

8. PARTICULARS OF EXISTING WORKS:

Such information as may have been 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.

9. DISCRIPENCIES IN THE CONTRACT DOCUMENTS:

In case of any discrepancy found in any part of the tender document, the Engineer's decision on this matter shall be final and binding and the Tenderers attention is drawn to clause 4.3 of the General Conditions of Contract in this respect.

10. METHOD OF MEASUREMENT:

It is to be clearly understood that this not a lump sum tender and the Contractor shall be paid on actual no of operation carried by the Contractor according to his quoted rates in the priced bill of quantities.

11. ON ACCOUNT PAYMENT:

On account payment to the Contractor may be released from time to time 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 **Superintending Engineer (River Training)** with necessary documents in original. Subject to the availability and feasibility of the 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.

12. ESCALATION / VARIATION ON PRICES:

There will be no escalation payable to the Contractor.

13. 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 statuary amendments and the modifications thereof, any other laws relating thereto and the rules made there under from time to time. Minimum rate of payment to the labourers for any given time should be equal to the minimum wages fixed by Chief Labour Commissioner (Central) or the minimum wages fixed by Govt. of West Bengal, during that period, whichever is higher.

It will be the duty of the contractor to abide by the provisions of the Acts, 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 Trustees 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 indemnify the KoPT against payment to be made or for the nonobservance 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 License from the Competent Authority for deploying requisite Nos. of labourers 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.

14. COMPLIANCE WITH E.P.F & E.S.I ACT:

The successful contractor will have to comply with provisions of **EPF & MP Act –1952**, **Employees' State Insurance Act-1948** & Employees State Insurance (Amendment) Act, 1989 (along with amendments, if any), issued from time to time and as applicable to him.

If asked for by the Engineer, the contractor shall be required to submit photocopies of all payment challans of both employees' and employer's contributions deposited towards this acts and produce the originals for verification to the representative of the Engineer, i.e. **Superintending Engineer (River Training**).

15. 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 Payment of Bonus Act, 1965.
- j) The Payment of Gratuity Act, 1972.
- k) The Equal Remuneration Act, 1976.
- I) The Employees State Insurance Act, 1948 & Employees State Insurance (Amendment) Act ,1989

- m) Child Labour (Prohibition and Regulation) Act, 1986.
- n) The Maternity Benefits Act 1961
- o) Interstate Migrant Workmen (Regulation of Employment & Conditions Of Service) Act, 1979.
- p) Motor Vehicle Act, latest revision.

16. TAXES & DUTIES: -

<u>The quoted rates should include all other Taxes excluding GST . GST as applicable</u> <u>shall be paid extra against proper invoice submitted by the successful contractor.</u>

The contractor will be required to submit GST compliant invoice with all required details and also be required to file timely and proper return so as to enable KoPT to get due credit against GST paid.

In case of any failure on the above account, GST amount even if paid by KOPT shall be recoverable from the contractor.

17. SETTLEMENT OF DISPUTES:

If a dispute of any kind whatsoever arises between KoPT 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 Trustees' General Conditions of Contract.

18. CALCUTTA PORT TRUST:

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

19. CLARIFICATION OF BIDS:

To assist in the examination and comparison of Tenders, KoPT at its discretion, may ask any Tenderer for clarification of his Tender, including breakdown of unit rates or analysis for his quoted rate as may be applicable. 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 confirm the correction of arithmetic errors discovered by KoPT in the evaluation of the Tenders. No Tenderer shall contact KoPT 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 KoPT, he should do so in writing.

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

20. WORKMEN AND WAGES:

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

The contractor shall have to engage sufficient number of technically qualified and skilled persons to supervise and execute the work and this should be mentioned in the "Schedule-T" of the Contract.

21. 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.

22. Time of Completion

Work will have to be carried out upto 01 (One Year) from the date of issue of work order

23.) 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 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 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.

SCHEDULE T

Annexure-C (Contd)

KOLKATA PORT TRUST

<u>CONCURRENT COMMITMENT(S) OF THE BIDDER (i.e Works In The Hand Of The Bidder</u> <u>The Time Of Submission Of Tender Offer)</u>

(To be submitted with Cover-I of Offer)Bidders must fill in the under noted columns.

SI.	Full particulars of works to be executed	Sanctioned	Completion time	Name and address to w	whom
No.	concurrently by the bidder.	Tender Value.	as stated in	reference can be made.	
	(i) Name of work.	(in Rs.)	tender.		
	(ii) Client.	· · · ·			
	(iii) W.O. No. & Date.				
1	(i)				
'	()				
	(1)				
	(ii)				
	(iii)				
2	(i)				
	(ii)				
	(iii)				
	(m)				
3	(i)				
	(ii)				
	(iii)				
4	(i)				
	N7				
	(ii)				
	(II)				
	/01				
	(iii)				
L		1			

(To be submitted on Company's Letter Head along With Cover-I Offer) Superintending Engineer, River Training Wing, Kolkata Port Trust

SUB:- "Petty miscellaneous repair works including plumbing and sanitary works at KoPT campus at Nischintapur.Duamond Harbour.Hooghly point, Swarupganj in Nadia District and Khejuri

E -TENDER NO :

Dear Sir,

We do hereby confirm that our offer is strictly in accordance with the terms and conditions of the

Tender Document without any deviation / condition.

We further confirm that COVER-II of the bid does not contain any condition / deviation.

Signature of the Bidder with Office Seal.

Date:

To be submitted with Cover-I of Offer) <u>Annexure-C(Contd)</u> <u>SCHEDULE 'O' SHEET – 1</u>

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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
- Full name and address of each of its Directors any special particulars as to Directors if desire to be stated.
- 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 two years.
- B) In case of a firm -
- Name and address of the firm.
 When business started
 When business started
 If registered a certified copy of certificate of registration.
 A certified copy of the Deed of Partnership
 A certified copy of the Deed of Partnership
 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 Cover-I of Offer)

SCHEDULE 'O' SHEET - 2.

:

- C) In case of an Individual:
- 1) Full name and address of the Bidder any : special particulars of the Bidder if desired to be stated.
- 2) Name of the father of the Bidder.
- 3) Whether the Bidder carries on business in his : own name or any other name.
- 4) When business was started and by whom. :
- 5) Whether any other person is interested in : the business directly or indirectly, if so, name and address etc. of such persons and the nature of such interest.
- 6) Whether the Bidder pays Income Tax over : Rs.10, 000/- per year.

Dated:

(Full signature of Bidder)

Proforma of Performance certificate/credential of works) [To be issued on issuing authority's letterhead duly signed with office seal]

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

DOCUMENTS TO BE UPLOADED ALONG WITH COVER -I

Scanned copy of the following documents to be uploaded:-

- i) Valid Trade Licence.
- ii) Valid Professional Tax Clearance Certificate / Up to date tax payment challan.

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- iii) Proof of possessing valid Employees' Provident Fund (EPF) Account. EPF Registration Certificate.
- iv) Proof of being registered with Employees' State Insurance Corporation (ESIC), ESI Registration Certificate.
- v) Details of the firm as per Schedule-O (in Volume-I) of the tender document.
- vi) 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.
- vii) Copies of balance sheet and Profit and Loss account / Trading account for the last 3 (three) financial years (i.e. 2014 – 2015, 2015-2016 and 2016-2017) and the same should be audited as per relevant norms wherever required.
- viii) Addendum/Corrigendum / Notice / Extension Notice issued and drawings (if any) duly signed by the Bidder under office seal.

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

- ix) EMD & Cost of Tender documents.
- x) Original T.R. relating to Permanent Earnest Money Deposit.
- xi) Duly signed full Techno Commercial Part(Part-I) and Price Bid(Part-II)
- xii) Certified copies of PAN Card
- xiii) Bank Draft/ Pay order etc. regarding EMD & Cost of Tender documents
- xiv) GST Registration Certificate (Mandatory)

Annexure – E

कोलकाता पत्तन न्यास <u>Kolkata Port Trust</u>

Office of the Superintending Engineer, River Training, 51, Circular Garden Reach Road, Kolkata 700 043; Tele – 033 24397079 E-mail id: r.mukherjee@kopt.in

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NIT No.RT/TN/17-18/10

DATED : 06.09.2017

NOTE: Last Date of Download of tender documents 10.09.2017 to 10.10.2017 up to 1400 hours)

> Tender is due for submission by 3:00 P.M. 10.10.2017

PRICE BID (PART-II)

Annexure-E (Contd.)

E-TENDER FOR for "Petty Miscellaneous repair works including plumbing and sanitary works at KoPT Campus at Nischintapur, Diamond Harbour, Hooghly Point, Falta in South 24-Parganas District and Swarupganj in the Nadia District for the period of one year from the date of placement of work order.

E -TENDER NO :

COVER –II/PRICE BID

कोलकाता पत्तन न्यास

KOLKATA PORT TRUST

सिविल इंजीनियरिंग विभाग/ Civil Engineering Department

अधीक्षण अभियंता, अ।र. टी का कार्यालय/

Office of the Superintending Engineer, (R.T.) 51 ,सि. जी. आर. रोड , कोलकाता -700043

51, C.G.R. Road, Kolkata-700 043

Bill of Quantities For

<u>Name of work</u>: Petty Miscellaneous repair works including plumbing and sanitary works at KoPT Campus at Nischintapur, Diamond Harbour, Hooghly Point, Falta in South 24-Parganas District and Swarupganj in the Nadia District and Khejuri in Purba Midnapore District for the period of one year from the date of placement of work order.

Part A- Building at Nischintapur, Diamond Harbour, Hooghly Point, Falta in South 24-Parganas District

SI.	Description of work	Onty.	Rate	Unit	Amount
No.		-	Rs. P.		Rs. P.
1	Earth work in excavation of the foundation tranches or drains in all sorts of soil (including mixed soil but excluding laterite or sand stone) including removing spreading or stacking the spoils within a lead of 75Mtr as directed. The Item including necessary trimming the sides of tranches, levelling, dressing and ramming the bottom, bailing out water etc. as required complete. Depth of excavation not exceeding 1500 mm.	2.00 Cum.	12047.00 [Rupees twelve th seven only]	%Cum. iousand forty-	240.94
2	Earth work in filling in foundation trenches or plinth with good earth obtained from excavation of foundation in layers not exceeding 150mm including watering and ramming etc. layer by layer complete. (Payment to be Made on the basis of the Measurement of finish quality of work).	1.00 Cum.	7831.00 % [Rupees seven the hundred thirty-on	oCum. ousand eight e only]	78.31
3	Dismantle all types of Masonry excepting cement concrete plain or reinforced, stacking serviceable Materials at site & removing the rubbish as directed within a lead of 75 Mtr in ground floor including roof.	1.00 Cum.	451.00 [Rupees four hun only]	/Cum. dred fifty one	451.00
4	Dismantle all types of plain cement concrete works up to 150 mm thick stacking serviceable Materials at site and removing rubbish as directed within a lead of 75 Meter in ground floor including roof.	0.50 Cum.	949.00 [Rupees nine hu forty-nine only]	/Cum. Indred	474.50
5	Dismantle R.C. floor, roof beams etc. including cutting rods and removing of rubbish as directed within a lead of 75 Mtr including stacking of steel bars in ground floor including roof.	0.50 Cum.	1975.00 [Rupees one thou hundred seventy-	five only]	987.50
6	Dismantle artificial stone flooring up to 50 mm thick by carefully chiselling without damaging base and removing rubbish as directed within a lead of 75Mtr. In ground floor including roof.	10.00Sqm.	50.00 [Rupees fifty only	/Sqm. /]	500.00
7	Take out carefully G.C.I. or C.I. or asbestos sheets (including ridges etc.) from the wall / roof after unscrewing bolts, nuts, screws etc. and stacking the Materials at site as directed. (Payment to be Made on measurement of portion of roof wall removed.	15.00Sqm.	42.00 [Rupees forty-two	/Sqm. o only]	630.00

8	Strip off worn out plaster & raking out joints of walls ceilings etc. up to any height and in any floor including, removing rubbish and stacking any where within the compound as directed.	100.00 Sqm.	19.00 /Sqm. (Rupees nineteen only)	1,900.00
9	Provide and lay Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand	5.00Sqm.	377.00 /Sqm. [Rupees three hundred seventy- seven only]	1,885.00
10	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.	100.00 Sqm.	4.29 /Sqm. [Rupees four and paisa twenty- nine only]	429.00
11	Provide and lay 25 mm. thick artificial stone in floor dado, staircase etc. with cement concrete (4:2:1) with stone chips with 3 mm. thick topping Made with ordinary/ white cement (as necessary) Marble dust in proportion (2:1) including smooth finishing and rounding of corners and including application of cement slurry before flooring works using cement @ 1.75 kg. / sq. Mtr. all complete including all Materials and labour. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement in ground floor	10.00Sqm.	303.00 /Sqm. [Rupees three hundred three only]	3,030.00
12	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in gound floor as per relevant IS codes. Pakur Variety	1.00Cum.	6393.14 /Cum. [Rupee six thousand three hundred ninety three & paisa fourteen only]	6393.14
13 (a)	Hiter variety Hiter and labour charges for the shuttering with centering and necessary staging up to 4Mtr using approved stout props and 25 mm to 30 mm thick hard wood planked with required bracing for concrete slabs beams, columns, lintels curved or straight including fittings, fixing and striking out after completion of the works (up to roof of ground floor) as per the direction of Engineer – In – Charge.	5.00Sqm.	360.00 /Sqm. [Rupees three hundred sixty only]	1,800.00
(b)	Hire and Labour Charges for shuttering with hard wood for precast R.C. Slab curved, or stright and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hosting etc, complete in all respect. (only the area in contact with concrete to be measured).	1.00Sqm.	100.00 /Sqm. [Rupees one hundred only]	100.00
14.	Provide reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. initial straightening and removal of loose rust (if necessary cutting to requisite length, Hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every inter section, complete as per drawing and direction. For works in foundation, basement and up to roof of ground floor/ up to 4Mtr. Tor steel/Mild steel. Other than SAIL/ TATA/RINL	0.15MT	62635.00 /MT. [Rupees sixty two thousand six hundred thirty five only]	9395.25
15.	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-	0.15 MT	68292.00 /MT. [Rupees sixty-eight thousand two hundred ninety two only]	10,243.80

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	charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816-1956 & IS: 1995 using electrodes of approved make and brand conforming to IS:814-1957, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages 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 make 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 structal 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 members of specific section weighing less than 22.5 kg/m			
16	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. (This item is applicable to new work or old work when the original surface has been exposed by removal of old paint.)	20.00Sqm.	31.00 /Sqm. [Rupees thirty-one only]	620.00
17	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.(This item is applicable to new work or old work when the original surface has been exposed by removal of old paint.)	20.00Sqm.	41.00 /Sqm. [Rupees forty-one only]	820.00
18	Provide and paint with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface if necessary. On timber plastered, steel or other metal surface with high gloss of approved quality.			
a.	One coat with any shade except white in timber or plastered surface With super gloss (hi-gloss)of approved quality	50.00Sqm.	59.00 /Sqm. [Rupees fifty nine only]	2,950.00
b.	Two coats in timber or plastered (with any shade except white) with super gloss (hi-gloss) of approved quality	50.00Sqm.	89.00 /Sqm. [Rupees eighty nine only]	4,450.00
c.	Two coats white in shed on timber or plastered surface with super gloss (hi-gloss) of approved quality	50.00Sqm.	85.00 /Sqm. [Rupees eighty five only]	4,250.00

d.	One coat in any shade except white on steel surface. with super gloss (hi-gloss) of approved quality	25.00Sqm.	55.00 /Sqm. [Rupees fifty five only]	1,375.00
e.	Two coats (with any shade except white) on steel surface.With hi-gloss of approved quality	50.00Sqm.	86.00 /Sqm. [Rupees eighty six only	4,300.00
19.	Remove old scales, blisters, etc., of interior surface of walls, ceiling by scraping, etc., and preparing smooth and even surface with rendering of cement mortar (1:2) as necessary to make the surface suitable receiving distemper as per direction of the Engineer at site.	50.00Sqm.	1047.00 /% Sqm. [Rupees one thousand forty seven only]	523.50
20.	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothning of surface. Two Coats	200.00 Sqm.	76.00 /Sqm. [Rupees seventy six only]	15,200.00
21.	Provide and apply two coats 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. In ground floor.	500.00 Sqm.	53.00 /Sqm. [Rupees fiftythree only]	26,500.00
22.	Provide and apply two coats white wash including cleaning and smoothening surface thoroughly in all floors.	800.00 Sqm.	1887.00 /% Sqm. [Rupees one thousand eight hundred eighty seven only]	15,096.00
23.	Provide and apply colour wash with strainer of any shade as required including cleaning and smoothening surface thoroughly. Internal surface (all floors) one coat of colour wash other than yellow and pink.	500.00 Sqm.	1525.00/ % Sqm.[Rupees one thousand five hundred twenty five only]	7,625.00
24.	Providing and lay 125 mm. thick bricks work with 1st class brick in cement morter (1:4). In ground floor	15.00Sqm.	783.00 /Sqm. [Rupees seven hundred eighty- three only]	11,745.00
25.	Provide and lay bricks work with 1st class bricks in cement morter (1:6).			
a.	In foundation and plinth	1.00 Cum.	5719.00 /Cum. [Rupees five thousand seven hundred nineteen only]	5,719.00
b	In superstructures, ground floor.	2.00 Cum.	5943.00 Cum. [Rupees five thousand nine hundred forty-three only]	11,886.00
26.	Provide and lay plaster to wall, floor, and ceiling with sand & cement morter including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface by chipping, etc., including throating, nosing and drip course where necessary in ground floor.			
a.	20 mm. thick plaster (1:6)	50.00Sqm.	181.00 /Sqm. [Rupees one hundred eighty one only]	9,050.00
b.	15 mm. thick plaster (1:6)	50.00Sqm.	156.00 /Sqm. [Rupees one hundred fifty six only]	7,800.00
c.	10 mm thick plaster (1:4)	20.00Sqm.	140.00 Each (Rupees one hundred forty	2,800.00

27.	Provide and lay neat cement punning about 1.5 mm.	30.00Sqm.	only] 38.00/Sqm.	1,140.00
	thick in wall, dado, windowsills, floor drain, etc. Note: cement 0.152 Per Cum per 100 sq. Mtr.		[Rupees thirty eight only	
28.	Provide and lay flush pointing to brick work in cement morter (1:4) including raking out joints.	10.00Sqm.	81.00 /Sqm. [Rupees eighty one only]	810.00
29.	Provide and lay rule pointing to brickwork in cement morter (1:4) including raking out joints & top finishing.	10.00Sqm.	84.00 /Sqm. [Rupees eighty four only]	840.00
30.	Provide 0.80 mm thick galvanised corrugated iron sheet work (excluding the supportingframe work) fitted and fixed with 10 mm dia J or L hook bolts and nuts, limpet and bitumen washers and putty complete with 150 mm end lap and one corrugation Minimum side lap. in roof. (Payment to be made on area of finished work)(GCI sheet to be supplied by contractor)	10.00Sqm.	947.00 /Sqm. [Rupees nine hundred forty seven only]	9,470.00
31.	Providing asbestos corrugated/Trafford or similar approved quality sheet (6 mm. thick) work fitted and fixed with 9.50 mm. dia 'J' or 'L' hook bolts and nuts, limpet and bitumen washers and putty with 150 mm. end lap and one corrugation minimum side lap complete in roof. (Payment should be made on area of finished work). in roof(Excluding the supporting frame work)	20.00Sqm.	549.00 /Sqm. [Rupees five hundred forty nine only]	10,980.00
32.	Stop roof leakages in C.I. or G.C.I. or asbestos roofing, closing holes with sheet bolt, limpet and bitumen washer and putty etc.	100.00 Nos.	17.00 Each [Rupees seventeen only]	1,700.00
33.	Supplying and laying standard four course bituminous water proofing treatment as per specification laid down in I.S. 1346 - 1991 to be finished with pea size gravel including necessary preparatory works such as shaping mouth of outlets, cutting as and where necessary and refilling with sand and Cement mortar (4:1) or Cement Concrete (1:2:4) with graded stone chips before undertaking the treatment including cutting grooves in parapet and inserting edge of felt and mending good damage complete in all respect as per direction of Engineer - in - Charge including cost of all materials and labours and incidental charges but excluding the cost of Cement Mortar or concrete required for levelling and grading. (In sloped roof Course sand of approved varieties is to be used in place of Pea size gravels as fourth and final course.) i) 1st and 3rd Course with bonding materials of hot applied industrial blown type bitumen of grade 85/25 or 90/15 conforming to I.S. 702 - 1988 @ 12Kg/10Sqm on each layer. ii) 2nd course with Hessian base self finished bitumen type-3 GrI conforming to I.S. 1322-1993 (weighing 23kg/10Sqm gross with bitumen content 12.10kg/10Sqm) tested under the provision of I.S. 13826 - 1993 part VII	60.00Sqm.	3640.00 /Sqm. [Rupees three thousand six hundred forty only]	21,840.00
34.	or grit @ 0.006 cum/Sqm. Over Sloped Roof. Provide M.S. or W.I. ornamental grill of approved design, joints continuously welded with M.S. W.I. flats and bars for windows railing etc. fitted and fixed with necessary screws and lugs, in ground floor. i) Grill weighing above 10 kg/sq. m. and up to 16 Kg./	0.20 Qntl.	8247.00 /Qntl. [Rupees eight thousand two hundred fortyseven only]	1,649.40

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	Sq. m.			
- 25	The weight of grill per sq. m. will be determined by taking the physical weight of fabricated grill and dividing the same by covered area of the same. No shop priming will be allowed to facilitate inspection of workmanship. Weight of grill is to be taken after final grinding and finishing the weld.			
35.	Provide iron butt hinges of approved quality fitted and fixed with steel screws, with I.S.I. Mark.			
a.	75 mm. x 40 mm. x 1.12 mm.	15.00 Nos.	31.00 Each [Rupees thirty oneonly]	465.00
b.	100 mm. x 58 mm. x 1.90 mm.	20.00 Nos.	52.00 Each [Rupees fiftytwo only]	1,040.00
36.	Provide iron socket bolt of approved quality fitted and fixed complete.			
a.	150 mm. long x 10mm. dia. bolt.	15.00 Nos.	71.00 Each [Rupees seventyone only]	1,065.00
b.	225 mm. long x 10mm. dia. bolt.	10.00 Nos.	87.00 Each [Rupees eightyseven only]	870.00
37	Provide M.S. clamp for fixing door and window frame made of 40 mm. x 6 mm. 125 mm long flat bent bar end bifurcated fixed in cement concrete with stone chips (4:2:1) fitted and fixed as per direction (cost of cement concrete will be paid separately). (The Concreting will have to be done for equivalent thickness of two layers brick work and for the entire width of the wall –no deduction brick work will be made)	10.00 Nos.	22.00 Each [Rupees twentytwo only]	220.00
38	Provide 100 mm grip x 10 mm dia anodised aluminium D – Type handle of approved quality manufactured from extruded section conforming to IS specification (IS 230/72) fitted and fixed complete with continuous plate base (hexagonal / round rod).	5.00 Nos.	79.00 Each [Rupees seventynine only]	395.00
39	Provide anodised aluminium door stopper.	5.00 Nos.	78.00 Each [Rupees seventyeight only]	390.00
40	Provide and fix 250 mm long Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia rod with centre bolt and round fittings.	5.00 Nos.	184.00 Each [Rupees one hundred fortyfour only]	920.00
41	Iron catch hook of approved quality fitted and fixed to shutter and chowkat 6mm dia x 225mm long.	10.00 Nos.	73.00 Each [Rupees seventythree only]	730.00
42	Take out door and window shutters and rehanging the same with old fitting with new iron screws.	10.00 Nos.	78.00 Each [Rupees seventyeight only]	780.00
43	Labour for taking out door and window frame including shutter for repair or replacement of different parts of theframe and refixing the same including mending good all damages complete. (Concrete and brick work for mending damage will be paid separately) a) Upto area 2.5 Per Sqm.	10.00 Nos.	121.00 Each [Rupees one hundred twentyone only]	1,210.00
44.	Easing doors and windows.	50.00 Nos.	17.00 Each [Rupees seventeen only]	850.00
45.	Take out shutter of door and window dismantling by parts (for repair or replacement of damaged parts) reassembling and refitting and rehanging 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).	5.00 Sqm.	128.00 /Sqm. [Rupees one hundred twentyeight only]	640.00

46.	Provide and fix panel shutters of door and window of 35 mm thick shutters with 19 mm. thick panel of size 30 to 45 cm with Sishu, Gamer,Champ,Badam,Bhola,Morga,Hallack as per design (each panels consisting of single plank without joint including the fitting and fixing the same in position but excluding the cost of hinges and other fittings in ground floor. In case of non-supply of single plank panel rate of reduction of 20% well be Made.	2.00 Sqm.	3335.00 /Sqm. [Rupees three thousand three hundred thirtyfive only]	6,670.00
47.	Provide woodwork in door and window frame fitted and fixed complete with Malayasian Sal including protective coat of painting at the contact surface of theframe excluding cost of concrete, Iron Butt Hinges and MS clamp.(The quantum should be corrected upto three decimals) Malayasian Sal.	0.10 Cum.	95898.00 /Cum. [Rupees ninety five thousand eight hundred ninety eight only]	9,589.80
48.	Supply 35 mm thick solid flush type doors of commercial quality, the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65 mm wide each and the entire frame fitted with 37.5 mm wide battens placed both ways in order to make the door of solid core and internal lipping with Garjan or similar wood veneers using phenol formaldehyde as glue etc., complete including fitting, fixing shutters in position but excluding the cost of hinges and other fittings in ground floor. 35 mm thick shutters (single leaf)	2.00 Sqm.	3142.00 /Sqm. [Rupees three thousand one hundred forty two only]	6284.00
49.	Provide and fit 35 mm. thick Glazed shutters with Sishu, Gamer, Champ, Badam, Bhola, Morga, Hallack of doors, window, fan light, clerestory windows, etc. as per design (with ordinary glass of 7.4 kg. / sq. m., 3 mm. thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings, cost of glass, putty, wooded beads etc. which will be paid separately in ground floor.	2.00 Sqm.	3026.00 /Sqm. [Rupees three thousand twenty six only]	6,052.00
50.	Providing Z-batten shutters of doors and window as per design having tongued and groove half lap joint as per direction of the Engineer-in-Charge including fitting and fixing shutter in position but excluding the cost of hinges and other fittings in ground floor. (Shutter with 25 mm. thick planks 19 mm thick battens withSishu,gamar,champ,badam,Bhola,Morga,Hallak.	2.00 Sqm.	3077.00 /Sqm. [Rupees three thousand seventy seven only]	6,154.00
51.	Renewing Godrej mortice lock chromium plated with keys 6 levers including fitting & fixing complete.	2.00 Nos.	2377.20 Each [Rupees two thousand three hundred seventy seven & paisa twenty only]	4,754.40
52.	Supply best Indian sheet glass panes 3 mm thick (weighting 7.4 kg. / Sq. Mtr.) Set in putty and fitted and fixed with nails and putty complete in all floors for external wall & upto 6 Metre height for external walls.	2.00 Sqm.	544.00 /Sqm. [Rupees five hundred forty four only]	1,088.00
53.	Taking out rain water down pipe.	10.00 Mtr.	904.00 /% Mtr. [Rupees nine hundred four only]	90.40

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54. (a)	Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamp nails, including Making holes in walls, floor etc. cutting trenches in any soil through Masonry concrete structures etc if necessary and mending good damages including joining with jointing Materials (Spun Yarn, Valamoid/bitumen/M-Seal etc) complete. UPVC Pipes: 110 mm. Dia	10.00 Sqm.	291.00 /Sqm. [Rupees two hundred ninety- one only]	2,910.00
(b)	Bend 87.5 degree 110 mm. Dia.	2.00 Nos.	162.00 Each [Rupees one hundred sixty-two only]	324.00
55.	Fill up the cracks with cement morter (1:3) at the junction of out side wall and drain (cement 11.4 Kg/100 Metre).	100.00 mtr.	268.00 /% Mtr. [Rupees two hundred sixty- eight only]	268.00
56.	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 Per Nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.			
a.	 Floor With Sand Cement Mortar (1:4) 20 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. (b) Area of each tile upto 0.09 Sq.m (i) Coloured decorative 	10.00 Sqm	844.00 /Sqm. [Rupees eight hundred forty- four only]	8,440.00
b.	 Wall With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. (a) Area of each tile upto 0.09 Sq.m (i) Coloured decorative 	15.00 Sqm	851.00 /Sqm. [Rupees eight hundred fifty-one only]	12,765.00
57.	Renew XPM including taking out and refixing with old battens but with new screws, etc., complete (20 mm. x 50 mm. strand 2.5 mm. x 1.25 mm). 1/ G/53 (c), Page – 102	15.00 sqm	514.00 /Sqm. [Rupees five hundred fourteen only]	7,710.00
58.	Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick)	200.00 Sqm	122.00/Sqm.[Rupees one hundred twenty- two only]	24400.00
59.	Uproot and remove plants from the surface of walls parapet etc. and making good damages.			
a.	Small plant of girth of exposed stem up to 75 mm. lift up to 6 m.	100.00 Nos.	51.00 Each [Rupees fifty-one only]	5,100.00
b.	Medium size plant of girth of exposed stem above 75 mm. but not exceeding 150 mm. lift upto 6 mtr.	50.00 Nos.	61.00 Each [Rupees sixty-one only]	3,050.00
60.	Painting block letters or digits in Black Japan or any approved synthetic enamel paint as per direction of Engineer – In – Charge.			
a.	Size above 2.5 cm and upto 4 cm	50.00 Nos.	8.00 Each [Rupees eight only]	400.00
b.	Size above 5 cm and upto 7.5 cm	1105.	11.00 Each	550.00

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		50.00 Nos.	[Rupees eleven only]	
c.	Size above 10 cm and upto 12.5 cm	50.00 Nos.	14.00 Each [Rupees fourteen only]	700.00
d.	Size above 12.5 cm and upto 15 cm	25.00 Nos.	15.00 Each [Rupees fifteen only]	375.00
61.	Supplying, fitting and fixing retro-reflective warning & regulatory sign with imported reflective sticker of approved quality for lettering direction, arrow,symbol etc. pasted on 14 S.W.C plain galvanised steel of TATA make having clean cut edge & radiuses at all corners painting two coats of synthetic enamel paint over a coat of priming on both sides of the G.I sheet by spray painting with necessary bolting etc. The rate includes cost of reflective sign sticker, G.I sheet, fitting fixing , hoisting & placing in position on steel frame work with necessary tack welding in bolting complete as per approved drawing etc. & direction of Engineer-in-charge but excluding the cost of steel frame. Retro reflective sign on one side. CE's regn no- 16 C.Cell , 13.07.16	.8.00 Sqm.	5146.00 /Sqm. [Rupees five thousand one hundred forty-six only]	41,168.00
62.	Spot application for insecticides using Aqua base spray for pest (for bugs, cockroaches, silverfish, spider, termites, mosquitoes) to walls and ceiling etc. with chemical emulsion by admixing chloropyrofos emulsifiable concentrates (1% concentration) with water by weight including spraying the emulsified chemical @ 0.5 litres per sq.m. by a hand operated pressure pump on wall surfaces, ceiling, electrical Sq.M. fixture, electrical lines including drilling holes in- places where source of termite is detected squirting chemical solution into the holes and sealing the holes with cement grout. (Rate is per sq.m. of the floor area while actual work will be all walls ceiling, rack, partition and furniture).	200.00 Sqm	49.00 /Sqm. [Rupees forty-nine only]	9,800.00
63.	Welding in M.S. structural work with gas or electric:			
a.	Tack weld	50.00 point	9.00 /Point [Rupees nine only]	450.00
b.	Continuous weld.	100.00 cm	9.00 /run	900.00
		run Total Amount	[Rupees nine only] of (PART –'A')	372613.46

Part – 'B' Building at Swarupgunj in Nadia District

SI.	Description of work	Qnty.	Rate	Unit	Amount
No. 1	Earth work in excavation of the foundation	2.00	Rs. P. 12047.00	/%Cum.	Rs. P. 240.94
	tranches or drains in all sorts of soil (including mixed soil but excluding laterite or sand stone) including removing spreading or stacking the spoils within a lead of 75Mtr as directed. The Item including necessary trimming the sides of tranches, levelling, dressing and ramming the bottom, bailing out water etc. as required complete. Depth of excavation not exceeding 1500 mm.	Cum.	[Rupees twelve thousand forty-seven only]		
2	Earth work in filling in foundation trenches or plinth with good earth obtained from excavation of foundation in layers not exceeding 150mm including watering and ramming etc. layer by layer complete. (Payment to be Made on the basis of the Measurement of finish quality of work).	1.00 Cum.	7831.00 /%Cum. [Rupees seven thousand eight hundred thirty-one only]		78.31
3	Dismantle all types of Masonry excepting cement concrete plain or reinforced, stacking serviceable Materials at site &removing the rubbish as directed within a lead of 75 Mtr in ground floor including roof.	1.00 Cum.	451.00 [Rupees four hu one only]	451.00	
4	Dismantle all types of plain cement concrete works up to 150 mm thick stacking serviceable Materials at site andremoving rubbish as directed within a lead of 75 Metre in ground floor including roof.	1.00 Cum.	949.00 /Cum. [Rupees nine hundred forty-nine only]		949.00
5	Dismantle R.C. floor, roof beams etc. including cutting rods and removing of rubbish as directed within a lead of 75 Mtr including stacking of steel bars in ground floor including roof.	0.50 Cum.	1975/Cum.[Rupees one thousand nine hundred seventy-five only]		987.50
6	Dismantle artificial stone flooring up to 50 mm thick by carefully chiselling without damaging base and removing rubbish as directed within a lead of 75Mtr. In ground floor including roof.	5.00 Sqm.	50.00 /Sqm. [Rupees fifty only]		250.00
7	Take out carefully G.C.I. or C.I. or asbestos sheets (including ridges etc.) from the wall / roof after unscrewing bolts, nuts, screws etc. and stacking the Materials at site as directed. (Payment to be Made on measurement of portion of roof wall removed.	10.00 Sqm.	42.00 /Sqm. [Rupees forty-two only]		420.00
8	Strip off worn out plaster & raking out joints of walls ceilings etc. up to any height and in any	100.00 Sqm.	19.00 [Rupees ninetee	/Sqm. en only	1,900.00

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	floor including, removing rubbish and stacking any where within the compound as directed.			
9	Provide and lay Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand	5.00 Sqm.	343.00 /Sqm. [Rupees three hundred forty-three only]	1,715.00
10	Provide and lay 25 mm. thick artificial stone in floor dado, staircase etc. with cement concrete (4:2:1) with stone chips with 3 mm. thick topping Made with ordinary/ white cement (as necessary) Marble dust in proportion (2:1) including smooth finishing and rounding of corners and including application of cement slurry before flooring works using cement @ 1.75 kg. / sq. Mtr. all complete including all Materials and labour. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement in ground floor	5.00 Sqm.	295.00 /Sqm. [Rupees two hundred ninety-five only]	1,475.00
11	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in gound floor as per relevant IS codes. Pakur Variety	1.00 Cum.	5967.28 /Cum. [Rupee five thousand nine hundred sixty-seven & paisa twenty-eight only]	5,967.28
12 (a)	Hire and labour charges for the shuttering with centering and necessary staging up to 4Mtr using approved stout props and 25 mm to 30 mm thick hard wood planked with required bracing for concrete slabs beams, columns, lintels curved or straight including fittings, fixing and striking out after completion of the works (up to roof of ground floor) as per the direction of Engineer – In – Charge.	3.00 Sqm.	354.00 /Sqm. [Rupees three hundred fifty-four only]	1,062.00
(b)	Hire and Labour Charges for shuttering with hard wood for precast R.C. Slab curved, or stright and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hosting etc, complete in all respect. (only the area in contact with concrete to be measured).	1.00S qm.	99.00 /Sqm. [Rupees ninety-nine only]	99.00
13.	Provide reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. initial straightening and removal of loose rust (if necessary cutting to requisite length, Hooking and bending to correct shape, placing in proper position and binding with 16 gauge black	0.10 MT	62487.00 /MT. [Rupees Sixty two thousand thousand four hundred eighty seven only]	6248.70

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14.	annealed wire at every inter section, complete as per drawing and direction. For works in foundation, basement and up to roof of ground floor/ up to 4Mtr. Tor steel/Mild steel. Other than SAIL/ TATA/RINL M.S. structural works in columns, beams etc.	0.15	68292.00 /MT.	10,243.80
	with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-in- charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816-1956 & IS: 1995 using electrodes of approved make and brand conforming to IS:814-1957, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental 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 make 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 structual members weighing less than 22.5 Kg. / m. may be increased allow for bracket, cleat, rivet, bolts and nuts etc. and no seperate 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 members of specific section weighing less than 22.5 Kg/m	MT	[Rupees sixty-eight thousand two hundred ninety-two only]	
15.	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. (This item is applicable to new work or old work when the original surface has been exposed by removal of old paint.)	20.00 Sqm.	31.00 /Sqm. [Rupees thirty-one only]	620.00

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16	Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.(This item is applicable to new work or old work when the original surface has been exposed by removal of old paint.)	20.00 Sqm.	41.00 /Sqm. [Rupees forty-one only]	820.00
17	Provide and paint with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface if necessary. On timber plastered, steel or other metal surface with high gloss of approved quality.			
a.	One coat with any shade except white in timber or plastered surface With super gloss (hi-gloss) of approved quality	30.00 Sqm.	59.00/Sqm.[Rupees fifty nine only]	1,,770.00
b.	Two coats in timber or plastered (with any shade except white) With super gloss (hi-gloss) of approved quality	50.00 Sqm.	89.00 /Sqm. [Rupees eighty-nine only]	4,450.00
c.	Two coats white in shed on timber or plastered surface With super gloss (hi-gloss) of approved quality	50.00 Sqm.	85.00 /Sqm. [Rupees eighty-five only]	4,250.00
d.	One coat in any shade except white on steel surface. With super gloss (hi-gloss) of approved quality	20.00 Sqm.	55.00/Sqm.[Rupees fifty-five only]	1,100.00
e.	Two coats (with any shade except white) on steel surface. super gloss (hi-gloss) of approved quality	25.00 Sqm.	86.00 /Sqm. [Rupees eighty-six only	2,150.00
18.	Remove old scales, blisters, etc., of interior surface of walls, ceiling by scraping, etc., and preparing smooth and even surface with rendering of cement mortar (1:2) as necessary to make the surface suitable receiving distemper as per direction of the Engineer at site.	30.00 Sqm.	1043.00 /%Sqm. [Rupees one thousand forty-three only]	312.90
19.	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothning of surface. Two Coats	100.00 Sqm.	76.00 /Sqm. [Rupees seventy-six only]	7600.00
20.	Provide and apply two coats 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. In ground floor.	150.00 Sqm.	53.00 /Sqm. [Rupees fifty-three only]	7,950.00
21.	Provide and apply two coats white wash including cleaning and smoothening surface thoroughly in all floors.	200.00 Sqm.	1887.00/% Sqm.[Rupees one thousand eight hundred eighty-seven only]	3,774.00
22.	Provide and apply colour wash with strainer of	100.00	1525.00 / % Sqm.	1525.00

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	any shade as required including cleaning and smoothening surface thoroughly. Internal surface (all floors) one coat of colour wash other than yellow and pink.	Sqm.	[Rupees one thousand five hundred twenty five only]	
23.	Providing and lay 125 mm. thick bricks work with 1st class brick in cement morter (1:4). In ground floor	5.00 Sqm.	728.00 /Sqm. [Rupees seven hundred twenty-eight only]	3,640.00
24.	Provide and lay bricks work with 1st class bricks in cement morter (1:6).			
a.	In foundation and plinth	0.50 Cum.	5273.00 /Cum. [Rupees five thousand two hundred seventy- three only]	2,636.50
b	In superstructures, ground floor.	1.00 Cum.	5498.00 Cum. [Rupees five thousand four hundred ninety-eight only]	5,498.00
25.	Provide and lay plaster to wall, floor, and ceiling with sand & cement morter including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface by chipping, etc., including throating, nosing and drip course where necessary in ground floor.			
a.	20 mm. thick plaster (1:6)	50.00 Sqm.	174.00 /Sqm. [Rupees one hundred seventy-four only]	8,700.00
b.	15 mm. thick plaster (1:6)	50.00 Sqm.	151.00 /Sqm. [Rupees one hundred fifty- one only]	7,550.00
c.	10 mm thick plaster (1:4)	10.00 Sqm.	136.00 Each (Rupees one hundred thirty- six only]	1360.00
26.	Provide and lay neat cement punning about 1.5 mm. thick in wall, dado, windowsills, floor drain, etc. Note: cement 0.152 Per Cum per 100 sq. Mtr.	20.00 Sqm.	38.00 /Sqm. [Rupees thirty eight only	760.00
27.	Providing asbestos corrugated/Trafford or similar approved quality sheet (6 mm. thick) work fitted and fixed with 9.50 mm. dia 'J' or 'L' hook bolts and nuts, limpet and bitumen washers and putty with 150 mm. end lap and one corrugation minimum side lap complete in roof. (Payment should be made on area of finished work). in roof(Excluding the supporting frame work)	15.00 Sqm.	549.00 /Sqm. [Rupees five hundred forty- nine only]	8,235.00
28.	Stop roof leakages in C.I. or G.C.I. or asbestos roofing, closing holes with sheet bolt, limpet and bitumen washer and putty etc.	100.00 Nos	17.00 Each [Rupees seventeen only]	1,700.00

29.	Provide iron butt hinges of approved quality fitted and fixed with steel screws, with I.S.I. Mark.			
a.	75 mm. x 40 mm. x 1.12 mm.	10.00 Nos.	31.00 Each [Rupees thirty one only]	310.00
b.	100 mm. x 58 mm. x 1.90 mm.	10.00 Nos.	52.00 Each [Rupees fifty-two only]	520.00
30.	Provide iron socket bolt of approved quality fitted and fixed complete.			
a.	150 mm. long x 10mm. dia. bolt.	5.00 Nos.	71.00 Each [Rupees seventy-one only]	355.00
b.	225 mm. long x 10mm. dia. bolt.	5.00 Nos.	87.00 Each [Rupees eighty-seven only]	435.00
31.	Provide M.S. clamp for fixing door and window frame made of 40 mm. x 6 mm. 125 mm long flat bent bar end bifurcated fixed in cement concrete with stone chips (4:2:1) fitted and fixed as per direction (cost of cement concrete will be paid separately). (The Concreting will have to be done for equivalent thickness of two layers brick work and for the entire width of the wall –no deduction brick work will be made)	5.00 Nos.	22.00 Each [Rupees twenty-two only]	110.00
32.	Provide and fix 250 mm long Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia rod with centre bolt and round fittings.	3.00 Nos.	184.00Each[Rupees one hundred forty- four only]	552.00
33.	Iron catch hook of approved quality fitted and fixed to shutter and chowkat 6mm dia x 225mm long.	5.00 Nos.	73.00 Each [Rupees seventy-three only]	365.00
34.	Take out door and window shutters and rehanging the same with old fitting with new iron screws.	5.00 Nos.	78.00Each[Rupees seventy-eight only]	390.00
35.	Labour for taking out door and window frame including shutter for repair or replacement of different parts of theframe and refixing the same including mending good all damages complete. (Concrete and brick work for mending damage will be paid separately) a) Upto area 2.5 Per Sqm.	3.00 Nos.	121.00 Each [Rupees one hundred twenty-one only]	363.00
36.	Easing doors and windows.	10.00 Nos.	17.00 Each [Rupees seventeen only]	170.00
37.	Take out shutter of door and window dismantling by parts (for repair or replacement of damaged parts) reassembling and refitting and rehanging same with old fittings but with new screws as necessary. (Where different parts of same shutter are renewed under different item, payment under item 64 will be made once only).	2.00 Sqm.	128.00 /Sqm. [Rupees one hundred twenty-eight only]	256.00
38	Provide and fix panel shutters of door and window of 35 mm thick shutters with 19 mm. thick panel of size 30 to 45 cm with Sishu,	2.00 Sqm.	3144.00/Sqm.[Rupees three thousandone hundred forty-four	6,288.00

	Gamer,Champ,Badam,Bhola,Morga,Hallack as per design (each panels consisting of single plank without joint including the fitting and fixing the same in position but excluding the cost of hinges and other fittings in ground floor. In case of non-supply of single plank panel rate of		only]	
39	reduction of 20% well be Made. Provide woodwork in door and window frame fitted and fixed complete with Malayasian Sal including protective coat of painting at the contact surface of theframe excluding cost of concrete, Iron Butt Hinges and MS clamp.(The quantum should be corrected upto three decimals) Malayasian Sal.	0.05 Cum.	87400.00 /Cum. [Rupees eighty-seven thousand four hundred only]	4,370.00
40.	Providing Z-batten shutters of doors and window as per design having tongued and groove half lap joint as per direction of the Engineer-in-Charge including fitting and fixing shutter in position but excluding the cost of hinges and other fittings in ground floor. (Shutter with 25 mm. thick planks 19 mm thick battens withSishu,gamar,champ,badam,Bhola,Morga,Ha llak.	2.00 Sqm.	2918.00 /Sqm. [Rupees two thousand nine hundred eighteen only]	5,836.00
41	Supply best Indian sheet glass panes 3 mm thick (weighting 7.4 kg. / Sq. Mtr.) Set in putty and fitted and fixed with nails and putty complete in all floors for external wall & upto 6 Metre height for external walls.	1.00 Sqm.	544.00 /Sqm. [Rupees five hundred forty- four only]	544.00
42	Fill up the cracks with cement morter (1:3) at the junction of out side wall and drain (cement 11.4 Kg/100 Metre).	100.00 Mtr.	261.00 \%Mtr. [Rupees two hundred sixty- one only]	261.00
43	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 Per Nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.			
a.	Floor With Sand Cement Mortar (1:4) 20 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. (b) Area of each tile upto 0.09 Sq.m (i) Coloured decorative	10.00 Sqm	834.00 /Sqm. [Rupees eight hundred thirty-four only]	8,340.00

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b.	Wall With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. (a) Area of each tile upto 0.09 Sq.m (i) Coloured decorative	15.00 Sqm	844.00 /Sqm. [Rupees eight hundred forty-four only]	12,660.00
44.	Renew XPM including taking out and refixing with old battens but with new screws, etc., complete (20 mm. x 50 mm. strand 2.5 mm. x 1.25 mm). 1/ G/53 (c), Page – 102	2.00 Sqm	514.00 /Sqm. [Rupees five hundred fourteen only]	1,028.00
45.	Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick)	30.00 Sqm	122.00 /Sqm. [Rupees one hundred twenty-two only]	3,660.00
46.	Uproot and remove plants from the surface of walls parapet etc. and making good damages.			
a.	Small plant of girth of exposed stem up to 75 mm. lift up to 6 m.	30.00 Nos.	51.00 Each [Rupees fifty-one only]	1,530.00
b.	Medium size plant of girth of exposed stem above 75 mm. but not exceeding 150 mm. lift upto 6 mtr.	20.00 Nos.	61.00 Each [Rupees sixty-one only]	1,220.00
47.	Painting block letters or digits in Black Japan or any approved synthetic enamel paint as per direction of Engineer – In – Charge.			
a.	Size above 2.5 cm and upto 4 cm	20.00 Nos.	8.00 Each [Rupees eight only]	160.00
b.	Size above 5 cm and upto 7.5 cm	20.00 Nos.	11.00 Each [Rupees eleven only]	220.00
с.	Size above 10 cm and upto 12.5 cm	20.00 Nos.	14.00 Each [Rupees fourteen only]	280.00
d.	Size above 12.5 cm and upto 15 cm	10.00 Nos.	15.00 Each [Rupees fifteen only]	150.00
48.	Supplying, fitting and fixing retro-reflective warning & regulatory sign with imported reflective sticker of approved quality for lettering direction, arrow,symbol etc. pasted on 14 S.W.C plain galvanised steel of TATA make having clean cut edge & radiuses at all corners painting two coats of synthetic enamel paint over a coat of priming on both sides of the G.I sheet by spray painting with necessary bolting etc. The rate includes cost of reflective sign sticker, G.I	3.00 Sqm.	5146.00 /Sqm. [Rupees five thousand one hundred forty-six only]	15,438.00

49.	sheet, fitting fixing , hoisting & placing in position on steel frame work with necessary tack welding in bolting complete as per approved drawing etc. & direction of Engineer-in-charge but excluding the cost of steel frame. Retro reflective sign on one side. CE's regn no- 16 C.Cell , 13.07.16 Spot application for insecticides using Aqua base spray for pest (for bugs, cockroaches, silverfish, spider, termites, mosquitoes) to walls and ceiling etc. with chemical emulsion by admixing chloropyrofos emulsifiable concentrates (1% concentration) with water by weight including spraying the emulsified chemical @ 0.5 litres per sq.m. by a hand operated pressure pump on wall surfaces, ceiling, electrical Sq.M. fixture,electrical lines including drilling holes in- places where source of termite is detected squirting chemical solution into the holes and sealing the holes with cement grout. (Rate is per sq.m. of the floor area while actual work will be	100.00 Sqm.	49.00 /Sqm. [Rupees forty-nine only]	4,900.00
	all walls ceiling, rack, partition and furniture).	Total A	mount of (PART – 'B')	1,79199.93

Part - 'C' Building at Khejuri in Purba Medinipore District

SI.	Description of work	Qnty.	Rate	Un	Amount
No.		5	Rs. P.	it	Rs. P.
1	Earth work in excavation of the foundation tranches or	2.00	12047.00		240.94
	drains in all sorts of soil (including mixed soil but excluding	Cum.	%Cum.		
	laterite or sand stone) including removing spreading or		[Rupees twelve		
	stacking the spoils within a lead of 75Mtr as directed. The		thousand forty		
	Item including necessary trimming the sides of tranches,		seven only]		
	levelling, dressing and ramming the bottom, bailing out				
	water etc. as required complete. Depth of excavation not				
	exceeding 1500 mm.				
2	Earth work in filling in foundation trenches or plinth with	1.00	7831.00		78.31
	good earth obtained from excavation of foundation in layers	Cum.	/%Cum.		
	not exceeding 150mm including watering and ramming etc.		[Rupees seven		
	layer by layer complete. (Payment to be Made on the basis		thousand eight		
	of the Measurement of finish quality of work).		hundred thirty or	ne	
			only]		
3	Dismantle all types of Masonry excepting cement concrete	1.00	451.00 / Cum.		451.00
	plain or reinforced, stacking serviceable Materials at site	Cum.	[Rupees four		

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	&removing the rubbish as directed within a lead of 75 Mtr in ground floor including roof.		hundred fifty one only]	
4	Dismantle all types of plain cement concrete works up to 150 mm thick stacking serviceable Materials at site andremoving rubbish as directed within a lead of 75 Metre in ground floor including roof.	1.00 Cum.	949.00 /Cum. [Rupees nine hundred Forty nine only]	949.00
5	Dismantle artificial stone flooring up to 50 mm thick by carefully chiselling without damaging base and removing rubbish as directed within a lead of 75Mtr. In ground floor including roof.	5.00Sqm.	50.00 /Sqm. [Rupees fifty only]	250.00
6	Take out carefully G.C.I. or C.I. or asbestos sheets (including ridges etc.) from the wall / roof after unscrewing bolts, nuts, screws etc. and stacking the Materials at site as directed. (Payment to be Made on measurement of portion of roof wall removed.	15.00Sq m.	42.00 /Sqm. [Rupees forty two only]	630.00
7	Strip off worn out plaster & raking out joints of walls ceilings etc. up to any height and in any floor including, removing rubbish and stacking any where within the compound as directed.	50.00 Sqm.	19.00/Sqm. [Rupees nineteen only	950.00
8	Provide and lay Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand	5.00Sqm.	365.00/Sqm. [Rupees three hundred sixty five only]	1,825.00
9	Provide and lay 25 mm. thick artificial stone in floor dado, staircase etc. with cement concrete (4:2:1) with stone chips with 3 mm. thick topping Made with ordinary/ white cement (as necessary) Marble dust in proportion (2:1) including smooth finishing and rounding of corners and including application of cement slurry before flooring works using cement @ 1.75 kg. / sq. Mtr. all complete including all Materials and labour. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement in ground floor	5.00Sqm.	297.00/Sqm. [Rupees two hundred ninety seven only]	1,485.00
10	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in gound floor as per relevant IS codes. Pakur Variety	1.00Cum.	5961.50 /Cum. [Rupee five thousand nine hundred sixty one & paisa fifty only]	5,961.50
11 (a)	Hire and labour charges for the shuttering with centering and necessary staging up to 4Mtr using approved stout props and 25 mm to 30 mm thick hard wood planked with required bracing for concrete slabs beams, columns, lintels curved or straight including fittings, fixing and striking out after completion of the works (up to roof of ground floor) as per the direction of Engineer – In – Charge.	2.00Sqm.	347.00/Sqm. [Rupees three hundred forty seven only]	694.00
	Hire and Labour Charges for shuttering with hard wood	1.00Sqm.	99.00/Sqm.	99.00

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(b)	for precast R.C. Slab curved, or stright and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hosting etc, complete in all respect. (only the area in contact with concrete to be measured).		[Rupees ninety nine only]	
12	Provide reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. initial straightening and removal of loose rust (if necessary cutting to requisite length, Hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every inter section, complete as per drawing and direction. For works in foundation, basement and up to roof of ground floor/ up to 4Mtr. Tor steel/Mild steel. Other than SAIL/ TATA/RINL	0.05 MT	62487.00 /MT. [Rupees six two thousand four hundred eighty seven only]	3124.35
13.	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-in- charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816-1956 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 1957, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages 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 make 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 structal members weighing less than 22.5 Kg. / m. may be increased allow for bracket, cleat, rivet, bolts and nuts etc. and no seperate 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 initiial 8m. or part thereof. For Structural members of specific section weighing less than 22.5 kg/m	0.15 MT	68292.00/MT. [Rupees sixty eight thousand two hundred ninety two only]	10,243.80
14.	Provide and paint with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface if necessary. On timber plastered, steel or other metal surface with high			

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	gloss of approved quality.			
a.	Two coats in timber or plastered (with any shade except white) With super glass (hi-gloss) of approved quality	50.00Sq m.	89.00/Sqm. [Rupees eighty nine only]	4,450.00
b.	Two coats (with any shade except white) on steel surface. With super glass (hi-gloss) of approved quality	30.00Sq m.	86.00 /Sqm. [Rupees eighty six only	2,580.00
15.	Remove old scales, blisters, etc., of interior surface of walls, ceiling by scraping, etc., and preparing smooth and even surface with rendering of cement mortar (1:2) as necessary to make the surface suitable receiving distemper as per direction of the Engineer at site.	50.00Sq m.	1041.00/%Sqm. [Rupees one thousand forty one only]	520.50
16.	Provide and apply two coats 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. In ground floor.	150.00 Sqm.	53.00/Sqm. [Rupees fifty three only]	7,950.00
17.	Cement washing including cleaning and smoothening surface thoroughly (cement to be used @ 15 Kg./100 Sqm. Of surface for one coat and @ 25 Kg./100 Sq.m of surface for two coats). External surface (Ground floor) One coat.	100.00 Sqm.	953 /%Sqm. [Rupees nine hundred fifty three only]	953.00
18.	Provide and apply two coats white wash including cleaning and smoothening surface thoroughly in all floors.	300.00 Sqm.	1887.00 /%Sqm. [Rupees one thousand eight hundred eighty seven only]	5,661.00
19.	Provide and apply colour wash with strainer of any shade as required including cleaning and smoothening surface thoroughly. Internal surface (all floors) one coat of colour wash other than yellow and pink.	50.00 Sqm.	1525.00 /%Sqm. [Rupees one thousand five hundred twenty five only]	762.50
20.	Providing and lay 125 mm. thick bricks work with 1st class brick in cement morter (1:4). In ground floor	5.00Sqm	765.00/Sqm. [Rupees seven hundred sixty five only]	3,825.00
21.	Provide and lay bricks work with 1st class bricks in cement morter (1:6).			
a.	In foundation and plinth	1.00 Cum.	5562.00/Cum. [Rupees five thousand five hundred sixty two only]	5,562.00
b	In superstructures, ground floor.	1.00 Cum	5786.00 Cum. [Rupees five thousand seven hundred eighty six	5,786.00

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22.	Provide and lay plaster to wall, floor, and ceiling with sand & cement morter including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface by chipping, etc., including throating, nosing and drip course where necessary in ground floor.			
a.	20 mm. thick plaster (1:6)	30.00Sq m.	170.00/Sqm. [Rupees one hundred seventy only]	5,100.00
b.	15 mm. thick plaster (1:6)	30.00Sq m.	147.00/Sqm. [Rupees one hundred forty seven only]	4,410.00
23.	Provide and lay neat cement punning about 1.5 mm. thick in wall, dado, windowsills, floor drain, etc. Note: cement 0.152 Per Cum per 100 sq. Mtr.	10.00Sqm	38.00 /Sqm. [Rupees thirty eight only	380.00
24.	Providing asbestos corrugated/Trafford or similar approved quality sheet (6 mm. thick) work fitted and fixed with 9.50 mm. dia 'J' or 'L' hook bolts and nuts, limpet and bitumen washers and putty with 150 mm. end lap and one corrugation minimum side lap complete in roof. (Payment should be made on area of finished work). in roof(Excluding the supporting frame work)	15.00Sqm	549.00/Sqm. [Rupees five hundred forty nine only]	8,235.00
25.	Stop roof leakages in C.I. or G.C.I. or asbestos roofing, closing holes with sheet bolt, limpet and bitumen washer and putty etc.	100.00 Nos	17.00 Each [Rupees seventeen only]	1,700.00
26.	Provide iron butt hinges of approved quality fitted and fixed with steel screws, with I.S.I. Mark.			
	100 mm. x 58 mm. x 1.90 mm.	10.00 Nos.	52.00/Each [Rupees fifty two only]	520.00
27.	Provide iron socket bolt of approved quality fitted and fixed complete.			
a.	150 mm. long x 10mm. dia. bolt.	5.00 Nos.	71.00/Each [Rupees seventy one only]	355.00
b.	225 mm. long x 10mm. dia. bolt.	5.00 Nos.	87.00/Each [Rupees eighty seven only]	435.00
28.	Provide M.S. clamp for fixing door and window frame made of 40 mm. x 6 mm. 125 mm long flat bent bar end bifurcated fixed in cement concrete with stone chips (4:2:1) fitted and fixed as per direction (cost of cement concrete will be paid separately).	4.00 Nos.	22.00 /Each [Rupees twenty two only]	88.00
29.	Provide and fix 250 mm long Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia rod with centre bolt and round fittings.	2.00 Nos.	184.00/ Each [Rupees one hundred forty four	368.00

			only]	
30.	Take out door and window shutters and rehanging the same with old fitting with new iron screws.	5.00 Nos.	78.00/Each [Rupees seventy eight only]	390.00
31.	Labour for taking out door and window frame including shutter for repair or replacement of different parts of theframe and refixing the same including mending good all damages complete. (Concrete and brick work for mending damage will be paid separately) a) Upto area 2.5 Per Sqm.	5.00 Nos.	121.00 /Each Each [Rupees one hundred twenty one only]	605.00
32.	Easing doors and windows.	15.00 Nos.	17.00 /Each [Rupees seventeen only]	255.00
33.	Take out shutter of door and window dismantling by parts (for repair or replacement of damaged parts) reassembling and refitting and rehanging same with old fittings but with new screws as necessary. (Where different parts of same shutter are renewed under different item, payment under item 64 will be made once only).	3.00 Sqm.	128.00 / Each [Rupees one hundred twenty eight only]	384.00
34.	Provide and fix panel shutters of door and window of 35 mm thick shutters with 19 mm. thick panel of size 30 to 45 cm with Sishu, Gamer, Champ, Badam, Bhola, Morga, Hallack as per design (each panels consisting of single plank without joint including the fitting and fixing the same in position but excluding the cost of hinges and other fittings in ground floor. In case of non-supply of single plank panel rate of reduction of 20% well be Made.	2.00 Sqm.	2396.00/Sqm. [Rupees two thousand three hundred ninety six only]	4,792.00
35.	Provide woodwork in door and window frame fitted and fixed complete with Malayasian Sal including protective coat of painting at the contact surface of theframe excluding cost of concrete, Iron Butt Hinges and MS clamp.(The quantum should be corrected upto three decimals) Malayasian Sal.	0.05 Cum.	86776.00/Cum. [Rupees eighty six thousand seven hundred seventy six only]	4,338.80
36.	Providing Z-batten shutters of doors and window as per design having tongued and groove half lap joint as per direction of the Engineer-in-Charge including fitting and fixing shutter in position but excluding the cost of hinges and other fittings in ground floor. (Shutter with 25 mm. thick planks 19 mm thick battens withSishu,gamar,champ,badam,Bhola,Morga,Hallak.	1.00 Sqm.	2918.00 /Sqm. [Rupees two thousand nine hundred eighteen only]	2,918.00
37.	Fill up the cracks with cement morter (1:3) at the junction of out side wall and drain (cement 11.4 Kg/100 Metre).	100.00 Mtr.	257.00 \%Mtr. [Rupees two hundred fifty seven only]	257.00
38.	Uproot and remove plants from the surface of walls parapet etc. and making good damages.			
a.	Small plant of girth of exposed stem up to 75 mm. lift up to 6 m.	15.00 Nos.	51.00 / Each [Rupees fifty one only]	765.00

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b.	Medium size plant of girth of exposed stem above 75 mm. but not exceeding 150 mm. lift upto 6 mtr.	10.00 Nos.	61.00 / Each [Rupees sixty one only]	610.00
39.	Painting block letters or digits in Black Japan or any approved synthetic enamel paint as per direction of Engineer – In – Charge.			
a.	Size above 2.5 cm and upto 4 cm	15.00 Nos.	8.00 / Each [Rupees eight only]	120.00
b.	Size above 5 cm and upto 7.5 cm	15.00 Nos.	11.00 / Each [Rupees eleven only]	165.00
c.	Size above 10 cm and upto 12.5 cm	15.00 Nos.	14.00 / Each [Rupees fourteen only]	210.00
d.	Size above 12.5 cm and upto 15 cm	10.00 Nos.	15.00 / Each [Rupees fifteen only]	150.00
40.	Supplying, fitting and fixing retro-reflective warning & regulatory sign with imported reflective sticker of approved quality for lettering direction, arrow, symbol etc. pasted on 14 S.W.C plain galvanised steel of TATA make having clean cut edge & radiuses at all corners painting two coats of synthetic enamel paint over a coat of priming on both sides of the G.I sheet by spray painting with necessary bolting etc. The rate includes cost of reflective sign sticker, G.I sheet, fitting fixing , hoisting & placing in position on steel frame work with necessary tack welding in bolting complete as per approved drawing etc. & direction of Engineer-in-charge but excluding the cost of steel frame. Retro reflective sign on one side. CE's regn no- 16 C.Cell , 13.07.16	2.50 Sqm.	5146.00 /Sqm. [Rupees five thousand one hundred forty six only]	12,865.00
41.	Spot application for insecticides using Aqua base spray for pest (for bugs, cockroaches, silverfish, spider, termites, mosquitoes) to walls and ceiling etc. with chemical emulsion by admixing chloropyrofos emulsifiable concentrates (1% concentration) with water by weight including spraying the emulsified chemical @ 0.5 litres per sq.m. by a hand operated pressure pump on wall surfaces, ceiling, electrical Sq.M. fixture, electrical lines including drilling holes in- places where source of termite is detected squirting chemical solution into the holes and sealing the holes with cement grout. (Rate is per sq.m. of the floor area while actual work will be all walls ceiling, rack, partition and furniture).	50.00 Sqm.	49.00 /Sqm. [Rupees forty nine only]	2,450.00
		Total Amou	unt of (PART –'C')	1,17,897.70

Part-D Sanitary and Plumbing works at at KoPT Campus at Nischintapur, Diamond Harbour, Hooghly Point, Falta in South 24-Parganas District, Swarupganj in the Nadia District and Khejuri in the Purba Medinipore District.

SI. No.	Description of work	Qnty.	Rate Rs. P.	Unit	Amount Rs. P.
1	Labour for dismantling G.I. pipe with fittings.				
(a)	15 mm	50.00 Mtr.	6.00 (Rupees Siz		300.00
(b)	20 mm	50.00 Mtr.	6.00 (Rupees Siz		300.00
(c)	25 mm	20.00 Mtr.	6.00 (Rupees Siz		120.00
2	Refixing G.I. pipe with fittings after cleaning where necessary.				
(a)	15 mm	30.00 Mtr.	6.00 [Rupees six or	/Mtr. nly]	180.00
(b)	20 mm	30.00 Mtr.	7.00 [Rupees seven	/Mtr. only]	210.00
(c)	25 mm	10.00 Mtr.	7.00 [Rupees seven	/Mtr.	70.00
3	Supplying, fitting and fixing PVC pipes of approved make of (medium duty) conforming to ASTMD - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, 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.				

			1	
	(Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accesories, specials. Payment for painting will be made seperately) (a) For Exposed Work PVC Pipes (Dia)			
(a)	15 mm	25.00 Mtr.	106.00/Mtr.[Rupees one hundred sixonly]	2650.00
(b)	20 mm	30.00 Mtr.	136.00 /Mtr. [Rupees one hundred thirty six only]	4080.00
(c)	25 mm	15.00 Mtr.	186.00 /Mtr. [Rupees one hundred eighty six only]	2790.00
4	 (a) Renewing Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand). 	5.00 Nos.	723.45 Each [Rupees seven hundred twenty three & paisa forty five only]	3617.25
	(b) Renewing Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Sumthing Special of ESSCO or similar	3.00 Nos.	660.45 Each [Rupees six hundred sixty & paisa forty-five only]	1981.35
	(c) Renewing Chromium plated Concealed Stop Cock (Equivalent to Code No. 514(A) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	3.00 Nos.	897.75 Each [Rupees eight hundred ninety seven & paisa seventy five only]	2693.25
5	Supplying, fitting and fixing			
(i)	Polythene Bib Cock / Stop Cock (HD) with metal inlet (EMCO / ATLAS or equivalent) 15 mm	10.00 Nos.	100.00Each[Rupees one hundredonly]	1000.00
(ii)	Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	5.00 Nos.	689.00 Each [Rupees six hundred eighty nine only]	3445.00
6	Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only).			
(a)	20 mm dia	2.00 Nos.	738.00 Each [Rupees seven hundred	1476.00

			thirty eight only]	
(b)	25 mm dia	2.00	963.00 Each	1926.00
(-)		Nos.	[Rupees nine hundred	
			sixty three]	
7	Supplying, fitting and fixing 10 litre	2.00	1181.00 Each	2362.00
	P.V.C. low-down cistern conforming	Nos.	[Rupees one thousand	2002100
	to I.S. specification with P.V.C. fittings	1105.	one hundred eighty one	
	complete,C.I. brackets including		only]	
	two coats of painting to bracket etc.		omyj	
8	Renewing high pressure polythene ball	5.00	195.00 Each	975.00
U	cock of approved quality with polythene	Nos.	[Rupees one hundred	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	ball and aluminium lever complete for	1105.	ninety five only]	
	pipe of dia.: 32 mm		innery nive only]	
9	Cleaning and disinfecting upto 2000 litre	30.00	157.00 Each	4710.00
,	Water Tank including masonry reservoir.	Nos.	[Rupees one hundred	4/10.00
	water rank meruding masonry reservoir.	1405.	fifty seven only]	
10	Supplying, fitting and fixing white	2.00	2504.00 Each	5008.00
10	vitreous china best quality approved make	Nos.	[Rupees two thousand	5000.00
	wash basin with C.I. brackets on 75 mm X	105.	five hundred four only]	
	75 mm wooden blocks, C.P. waste fittings		five numbered four only	
	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. 550 mm X			
	400 mm size			
11	Dismantling wash basin with brackets with	2.00	35.00 Each	70.00
	or without waste fittings.	Nos.	[Rupees thirty five only]	70.00
12	Renewing approved brand P.V.C.	5.00	100.80 Each	504.00
12	CONNECTOR white flexible, with both	Nos.	[Rupees one hundred &	304.00
	ends coupling with heavy brass C.P. nut,	1005.	paisa eighty only]	
	15 mm dia, 450 mm long.		Paren ang ang ang a	
13	Renewing approved brand 32 mm	5.00	72.45 Each	362.25
	dia.P.V.C. waste pipe, with PVC coupling	Nos.	[Rupees seventy two &	
	at one end fitted with necessary clamps.		paisa forty five only]	
	750 mm long.			
14	Renewing CP Pillar Cock - 15 mm.		748.65 Each	1497.30
	(Equivalent to Code No. 507 & Model -		[Rupees seven hundred	
	Tropical / Sumthing Special of ESSCO or		forty eight & paisa sixty	
	similar brand).	2.00	five]	
		Nos.		
15	Supplying, fitting and fixing bevelled		619.00 Each	1857.00
	edged mirror 5.5 mm thick silver red as		[Rupees six hundred	
	per I.S. 3438 / 1965 together with brass	.	nineteen only]	
	C.P. hinges. 600 mm X 450 mm	3.00		
		Nos.		

			1	
16	Supplying, fitting and fixing glass shelf with aluminium guard rails. Ordinary type with 5.5 mm sheet glass 600 mm X 125 mm.	3.00 Nos.	485.00 Each [Rupees four hundred eighty five only]	1455.00
17	Removing sludge from septic tank, soak well etc. by methor labour including disposal of the same outside the compound as directed. Upto 30 users:- Within a lead of 150 metre	5.00 Nos.	2133.00 Each [Rupees two thousand one hundred thirty three only]	10665.00
18	Dismantling and refixing pit cover.	10.00 Nos.	35.00 Each [Rupees thirty five only]	350.00
19	Cleaning silt from inspection pit.	15.00 Nos.	155.00 Each [Rupees one hundred fifty five only]	2325.00
20	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. E.W.C. Plastic (hallow type) white	2.00 Nos.	446.00 /Each [Rupees four hundred forty-six only]	892.00
21	Removing chokage of H.C.I. or S.W. pipe with split bamboo Underground	100.00 Mtr.	11.00 Each [Rupees eleven only]	1100.00
22	Supplying, fitting and fixing with cement jointing (3:1) salt glazed stoneware pipe including excavation of earth upto 1.50 metre depth in all sorts of soil both mixed or unmixed and refilling (but excluding concreting at bottom and sides). 150 mm	10.00 Mtr.	378.00 Each [Rupees three hundred seventy eight only]	3780.00
23	Making connection with the existing pit.	5.00 Nos.	89.00 /Each [Rupees eighty nine only]	445.00
			otal of Part D :	65196.40
	Part A + Part B + Part C + Part D Total :			734907.49

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

price not to be quoted here				
(a)% (in figures)	Below par (-)	Rs.		
Percent (in words)				
(b)	At par	NIL		
(c)% (in figures)	Above par (+)	Rs.		
Percent (in words)				
	Total Tendered	Amount: Rs.		
Total tendered amount (in words				
The rate quoted shall include all taxes a GST will be reimbursed by KoPT on subr	and duties, ESI/EPF subscrip		licable excluding GST.	
The contractor will be required to sub- required to file timely and proper return	mit GST compliant invoice w	vith all required of		
In case of any failure on the above ac from the contractor.	count, GST amount even if	<u>paid by KOPT sh</u>	all be recoverable	
Maximum number of workmen likely to be en	ngaged in days workn	numbers		
Permanent Income Tax A/C.No				

Time of Competition

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

I

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 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: with Seal)

WITNESS :

Signature :

Name of the Bidder :

(Signature of Bidder

Name :

Address :

(In Block Letters)

Address :

Occupation :