



**SYAMA PRASAD MOOKERJEE PORT, KOLKATA**

श्यामा प्रसाद मुखर्जी पोर्ट, कोलकाता  
(Erstwhile KOLKATA PORT TRUST)

(AN AUTONOMOUS BODY UNDER THE MINISTRY OF PORTS, SHIPPING AND WATERWAYS,  
GOVERNMENT OF INDIA)  
**KOLKATA DOCK SYSTEM**

“रायचक, जिला- 24 परगना (एस) में प्रस्तावित गेस्ट हाउस के निर्माण के लिए निविदा”

**TENDER FOR “Construction of proposed Guest House at Raichak,  
District- 24 Pargana (S)”**

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सिविल इंजीनियरिंग विभाग  
**Civil Engineering Department**  
श्यामा प्रसाद मुखर्जी पोर्ट, कोलकाता  
**SYAMA PRASAD MOOKERJEE PORT, KOLKATA**

TENDER NO.: SMPK/KDS/CIV /T/2702/61 DT. 14.09.2022

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**SYAMA PRASAD MOOKERJEE PORT, KOLKATA**

श्यामा प्रसाद मुखर्जी पोर्ट, कोलकाता

**(Formerly KOLKATA PORT TRUST)**

Civil Engineering Department

**1.0 NOTICE INVITING TENDER****NIT NO.: SMPK/KDS/CIV /T/2702/61****DT. 14.09.2022**

**E-Tender** is invited from reliable, bonafide & experienced agency with required experience as per Prequalification criteria stipulated in Tender Document for **“Construction of proposed Guest House at Raichak, District- 24 Pargana (S)”** as per Bill of Quantities the Bid Document may be seen from the <https://kopt.enivida.in>. Corrigenda or clarifications, if any, shall be hosted on the above-mentioned website only. The tender is also published on SMPK website ([www.smporkolkata.shipping.gov.in](http://www.smporkolkata.shipping.gov.in)).

**SCHEDULE OF TENDER (SOT)**

a.TENDER NO. निविदा संख्या	<b>SMPK/KDS/CIV /T/2702/61 DT. 14.09.2022</b>
b. MODE OF TENDER निविदा का तरीका	e-Procurement System ( <b>Online Two</b> part Techno-Commercial Bid and Price Bid through <b>Enivida Portal</b> <a href="https://kopt.enivida.in/">https://kopt.enivida.in/</a> ) The intending bidders are required to submit their offers electronically through e-tendering portal. <b>No physical tender is acceptable</b> by SYAMA PRASAD MOOKERJEE PORT, KOLKATA.
c. i) Estimated Cost Of the Work अनुमानित लागत Of कार्य	<b>Rs.3,13,13,883.14 (Rupees Three crore thirteen lakh thirteen thousand eight hundred eighty three and paise fourteen only )</b>
ii) Earnest Money Deposit बयाना राशि	<b>Rs. 6,26,280/- (Rupees Six lakh twenty six thousand Two hundred Eighty only)</b> payable through DD / RTGS / NEFT / Bank Transfer etc.,) to be transferred on <b>A/C:</b> Syama Prasad Mookerjee Port, Kolkata <b>A/c No:</b> 067502000000491 <b>IFSC:</b> IOBA0000675 <b>Bank Name:</b> Indian Overseas Bank <b>Branch Name:</b> STRAND ROAD Branch

<p><b>iii) Tender Document fee (Non-refundable)</b> निविदा दस्तावेज शुल्क (अप्रतिदेय)</p>	<p>The intending bidders should submit the tender cost of <b>Rs.2950/-(Rupees two thousand nine hundred and fifty only) including @18% GST</b> to KoPT through DD/Banker's Cheque in favour of Syama Prasad Mookerjee Port, Kolkata on any scheduled/Nationalised Bank payable at Kolkata otherwise their offer will be summarily rejected. As per cl. 2, page no.12 payable through DD / RTGS / NEFT / Bank Transfer etc.,) to be transferred on <b>A/C: Syama Prasad Mookerjee Port, Kolkata</b> <b>A/c No: 067502000000491</b> <b>IFSC: IOBA0000675</b> <b>Bank Name: Indian Overseas Bank</b> <b>Branch Name: STRAND ROAD Branch</b></p>
<p><b>iv) Railtel Tender Processing Fee (Non-refundable) Mode of Payment: - E-payment Only through Debit/Credit Card or Net Banking.</b> रेलटेल टेंडर प्रोसेसिंग शुल्क (नॉन रिफंडेबल) भुगतान का प्रकार:- ई-पेमेंट केवल के माध्यम से डेबिट/क्रेडिट कार्ड या नेट बैंकिंग।</p>	<p>TPF- <b>0.1%</b> of estimate cost (Minimum 750/- Maximum 7500/-+GST Registration Charges Rs.2000/- +Applicable GST Per Year</p>
<p><b>d. Date of NIT available to parties to download पार्टियों को डाउनलोड करने के लिए उपलब्ध एनआईटी की तिथि</b></p>	<p><b>20.09.2022 to 20.10.2022 (up to 14:00 hrs.)</b></p>
<p><b>e. Pre – Bid Meeting Date &amp; Time</b> प्री-बिड मीटिंग की तारीख और समय</p>	<p><b>28.09.2022 at 11.30 Hours</b> on in the chamber of the Chief Engineer of SYAMA PRASAD MOOKERJEE PORT, KOLKATA at SMPK</p>
<p><b>f. Last date of submission of EMD &amp; Tender Document fee at Syama Prasad Mookerjee Port, Kolkata</b> श्यामा प्रसाद मुखर्जी पोर्ट, कोलकाता में ईएमडी और निविदा दस्तावेज शुल्क जमा करने की अंतिम तिथि</p>	<p><b>25.10.2022 (up to 12:00 hrs.)</b></p>
<p><b>g. Date of Starting of e-Tender for submission of online Techno-Commercial Bid and Price Bid at Enivida Portal</b> के लिए ई-निविदा शुरू होने की तिथि Enivida पोर्टल पर ऑनलाइन टेक्नो-कमर्शियल बिड और प्राइस बिड जमा करना</p>	<p><b>20.09.2022 (From 14:00 hrs. onwards)</b></p>

h.Date of closing of online e-tender for submission of Techno-Commercial Bid & PriceBid. तकनीकी-वाणिज्यिक बोली और मूल्य बोली जमा करने के लिए ऑनलाइन ई-निविदा बंद करने की तिथि	<b>20.10.2022(Up to 15:00 hrs.)</b>
i.Date & time of opening of Techno-Commercial Bid. तकनीकी-वाणिज्यिक बोली और मूल्य बोली खोलने की तिथि और समय।	<b>21.10.2022(After 15:00 hrs) (Only Techno Commercial Part)</b>

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

**List of Annexures**

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

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

**Important Instructions for e-Tender**

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

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

- Bidders Manual Kit
- Help for Contractors
- FAQ

**Contact Persons (Syama Prasad Mookerjee Port, Kolkata):**

1. P.Dutta, Superintending Engineer (Contract)

2. S.Das ,Engineer(c) M.N.-9830621827

Phone no.: **9836298651,03371012486,**

**03371012398**

E-mail IDs : -

[p.dutta@kolkataporttrust.gov.in](mailto:p.dutta@kolkataporttrust.gov.in) &

[cecontract@kolkataporttrust.gov.in](mailto:cecontract@kolkataporttrust.gov.in)

Contact persons (Enivida Portal):

**Phone No.7278929467/8448288981**

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

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

10	<p>Bidder has fully read and understood the entire Tender Document, GCC, Corrigendum and Addenda, if any downloaded from under the instant e-tender and no other source, and will comply to the said document, GCC, Corrigendum and Addenda</p> <p><b>A declaration in this regard is to be made by the bidder.</b></p>
11	<p>(A) Part-I i.e. Techno commercial bid will be opened electronically on specified date and time as mentioned in the NIT. Bidder's can witness electronic opening of Bid.</p> <p>(B) Part-II i.e. Price Bid will be opened electronically of only those bidder(s) whose offer will be techno commercially qualified and accepted by SMPK. Such bidder(s) will be intimated the date of opening of Price Bid( Part-II) in due course through valid email confirmed by them.</p> <p>Necessary addendum/corrigendum (if any) of the tender would only be hoisted in the in the Envida Portal</p>

## Annexure –B

### SYAMA PRASAD MOOKERJEE PORT, KOLKATA

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

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

Fax - (033) 2230-0413

E-mail id: [p.dutta@kolkataporttrust.gov.in](mailto:p.dutta@kolkataporttrust.gov.in) &  
[ce@kolkataporttrust.gov.in](mailto:ce@kolkataporttrust.gov.in)

### 3.0 Commercial Terms & Conditions

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



jurisdiction of the High Court at Calcutta.

- 11 Intending bidders must take into account any cost or expense incurred by them in connection with the preparation and submission of their bids or for any other expenses incurred in connection with such bidding.
- 12 Bidders are advised to visit the site of work prior to submission of their bid. Bidder shall get himself thoroughly familiarized with the site conditions, existing road facilities for carrying materials etc. before submission of the e-tender. He may contact the Chief Engineer/**Superintending Engineer ( Kolkata )** and **Superintending Engineer, Electrical** or his authorized representative at his office at 15, Strand Road, Kolkata 700001 in this regard. Non-compliance of the same will in no way relieve the successful bidder of any of his obligations in performing the work in accordance with this Bid Document within the quoted price.

13 **VALIDITY: -**

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

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

14 **NON- RESPONSIVE BIDDER: -**

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

- (i) is not accompanied by requisite Earnest Money /valid NSIC Registration Certificate /MSME Registration Certificate.
- (ii) is not accompanied by requisite tender paper cost / or valid NSIC/MSME Registration Certificate.
- (iii) validity of the offer is less than tender stipulation,
- (iv) does not meet the Qualification Criteria as stipulated in the NIT.
- (v) The bidder submits conditional offer / impose own terms and conditions / does not accept tender conditions completely/offer or tender if submitted with any deviation from the tender terms & conditions.

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

- a) The bidder provides misleading or false information in the statements and documents submitted.
- b) Record of unsatisfactory performance during the last seven years, such as abandoning of work or rescinding of contract for which the reasons are attributable to the non-performance of the contractor or inordinate delays in completion or financial bankruptcy etc.

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

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

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

16. **PERFORMANCE GUARANTEE:-**

The Contractor should submit a Performance Guarantee in the form of B.G. for 3 % of contract value in SMPK's proforma from a Scheduled/ Nationalised Bank within 21 days from the date of receipt of LOI/Work Order, failing which the contract would be rescind

- a. without any further notice. The P.G. should be obtained for the full period covering defect liability period of 1 (one)year.

17 **In the event of the successful bidder fails to execute the order within the stipulated**

delivery period without sufficient reasons acceptable to the Trustees, the Security Deposit may be forfeited and the order be cancelled at the option of the Trustees' **apart from other actions.**

- 18 PRICES: - As per BOQ given in the tender document.
- 19 The bidder shall quote his price as per the Bill of Quantities in the Price bid
- 20 Orders may be placed in full/part to the lowest bidder.
- 21 Price(s) to be quoted should remain firm over the contract period.
- 22 **The prices quoted shall be including all statutory levies excluding GST, which shall be paid extra.**
- 23 EVALUATION CRITERIA: As per relevant clause of Tender document.
- 24 PAYMENT: - As per Tender document.
- 25 LOCATION: As per Tender document.
- 26 TIME OF COMPLETION: As per Tender document.
- 27 Work is to be carried out as per terms & condition of the contract document.
- 28 JURISDICTION OF COURT: -  
The contract shall be governed by all relevant Indian Acts applicable within the jurisdiction of Kolkata.
- 29 PERSONAL PROTECTIVE EQUIPMENT (PPE): -  
Contractor and their workmen including driver & helper must use PPE i.e. safety helmet etc. at the time of work inside the dock premises. For safety measure Cl. No.25, page-23 may be referred to.
- 30 Compensation (Liquidated Damages) against failure to complete the work within the stipulated time as per tender condition.
- 31 PRICE ADJUSTMENT CLAUSE: As per Tender document.
- 32 TECHNICAL CAPACITY: As stipulated in Tender document.
- 33 FINANCIAL CAPACITY: As stipulated in Tender document.
34. DOCK PERMITS: As per tender document.
35. The bidder may offer a Bank Guarantee in the Trustees' specified proforma from any Scheduled/ Nationalized Bank of India having Branch at Kolkata in lieu of Earnest Money /Security Deposit beyond **Rupees 10 (Ten) lakhs.**

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

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## Syama Prasad Mookerjee Port, Kolkata

CIVIL ENGINEERING DEPARTMENT

15, स्ट्रैंड रोड, कलकत्ता - 700001  
15, Strand Road, Kolkata – 700001

NIT No.: SMPK/KDS/CIV /T/2702/61 DT. 14.09.2022

NOTE: Last Date of **Download** of tender documents: **20.10.2022(up to 14.00 hours)**

Tender is due for submission by **15.00 Hrs. On 20.10.2022**

Tender is due to open after 15.00 Hrs. On **21.10.2022**

### Techno Commercial Bid

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“रायचक, जिला- 24 परगना (एस) में प्रस्तावित गेस्ट हाउस के निर्माण के लिए निविदा”

**TENDER FOR “Construction of proposed Guest House at Raichak, District- 24  
Pargana (S)”**

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### **SHORT TENDER NOTICE**

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

<b>Name of work</b> कार्य का नाम	:	<b>Construction of proposed Guest House at Raichak, District- 24 Pargana (S)</b>
<b>NIT No</b> एनआईटी नंबर	:	<b>SMPK/KDS/CIV /T/2702/61 DT. 14.09.2022</b>
<b>Estimated Cost</b> अनुमानित लागत	:	<b>Rs.3,13,13,883.14 (Rupees Three crore thirteen lakh thirteen thousand eight hundred eighty three and paise fourteen only )</b>
<b>Period of Execution</b> निष्पादन की अवधि	:	<b>12(Twelve) Months.</b>
<b>EMD (Earnest Money Deposit)/ Bid Security</b> ईएमडी (बयाना राशि जमा)/बोली सुरक्षा	:	<b>Rs. 6,26,280/- (Rupees Six lakh twenty six thousand Two hundred Eighty only) payable through DD / RTGS / NEFT / Bank Transfer etc.,) to be transferred on A/C: Syama Prasad Mookerjee Port, Kolkata</b>
<b>Period of Download of E-Tender (Both Days Inclusive)</b> ई-निविदा के डाउनलोड की अवधि (दोनों दिन सम्मिलित)	:	<b>20.09.2022 to 20.10.2022(UPTO 14:00 hrs.)</b> (Bid document will be available on website <b><a href="https://kopt.enivida.in">https://kopt.enivida.in</a></b> ). Bidders will have to participate in bidding process through website <b><a href="https://kopt.enivida.in/">https://kopt.enivida.in/</a></b> ) only.
<b>Date and Time for pre-bid meeting &amp; site visit</b> प्री-बिड मीटिंग और साइट विज़िट के लिए दिनांक और समय	:	<b>Pre-bid meeting will be held at 11.30 Hours on 28.09.2022 in the chamber of the Chief Engineer of SYAMA PRASAD MOOKERJEE PORT, KOLKATA at SMPK</b>

<b>Last date of submission of e- tender and opening of the tender</b> ई-निविदा जमा करने और निविदा खोलने की अंतिम तिथि	:	<b>Submission on 20.10.2022 Up to 15:00 hrs.</b> <b>Opening on 21.10.2022 after 15:00 hrs. ( Only Techno Commercial Part will be opened on the date)</b>
<b>Cost of Tender Document (Non-refundable)</b> निविदा दस्तावेज की लागत (अप्रतिदेय)	:	<b>Rs.2950/-(Rupees two thousand nine hundred and fifty only) including @18% GST)</b> payable through DD / RTGS / NEFT / Bank Transfer etc.,) to be transferred on <b>A/C: Syama Prasad Mookerjee Port, Kolkata</b>
<b>Contact Person.</b> संपर्क व्यक्ति।	:	<b>P.Dutta,Superintending Engineer</b> <b>S.Das, Engineer, Contract</b>  <b>(Contract) 96747 20075,03371012486, 03371012366</b>

#### **4.0: INSTRUCTIONS TO BIDDER**

### **E-TENDER FOR “Construction of proposed Guest House at Raichak, District- 24 Pargana (S)”**

**NIT NO:** SMPK/KDS/CIV /T/2702/61DT. 14.09.2022

#### **1.0 GENERAL**

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

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

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

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

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

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

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

#### **MODE OF SUBMISSION OF BID:**

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.

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

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

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

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

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

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

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

viii) Last three years balance sheet and profit & loss account in support of Annual Financial turnover (i.e. 2019 –20, 2020-21 and 2021-22). **The same should be audited as per relevant norms wherever required along with UDIN of the Auditor.**

ix) PAN Card

x) Bank Draft/ Pay order / Bank Transfer Details etc. regarding Cost of EMD and cost of Tender documents/valid NSIC certificate/MSME Certificate .

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

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

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

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

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

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

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

**N.B.-2 Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have made misleading or false representations in the forms, statements**

and attachments submitted in proof of the qualification requirements and their EMD will be Forfeited for such action.

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

**SECURITY DEPOSIT: -**

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

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

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

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

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

**7.0 VALIDITY OF OFFER: -**

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

**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.

**9.0**

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

- (i) is not accompanied by requisite Earnest Money /valid NSIC Registration Certificate /MSME Registration Certificate.
- (ii) is not accompanied by requisite tender paper cost / or valid NSIC/MSME Registration Certificate.
- (iii) validity of the offer is less than tender stipulation,
- (iv) does not meet the Qualification Criteria as stipulated in the NIT.
- (v) The bidder submits conditional offer / impose own terms and conditions / does not accept tender conditions completely/offer or tender if submitted with any deviation from the tender terms & conditions.

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

b) Record of unsatisfactory performance during the last seven years, such as abandoning



of work or rescinding of contract for which the reasons are attributable to the non- performance of the contractor or inordinate delays in completion or financial bankruptcy etc.

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

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

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

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

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

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

**EVALUATION CRITERIA: -**

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

**ACCEPTANCE OF TENDER: -**

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

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.

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

**14.0 MISCELLANEOUS:**

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

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

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,

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

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

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

### **E-TENDER FOR “Construction of proposed Guest House at Raichak, District- 24 Pargana (S)”**

#### **1. GENERAL:**

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

#### **2. CORRELATION AND ORDER OF PRECEDENCE OF TENDER DOCUMENTS:**

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

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

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

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

#### **3. PRE-QUALIFICATION CRITERIA FOR BIDDERS: -**

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

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

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

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

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

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

**ii) The Average Annual Financial Turnover of the bidding firm during the last three years, ending on 31-03-2022, should be at least 30% of the estimated amount put to tender. The same should be audited as per relevant norms wherever required along with UDIN of the Auditor**

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

#### **4. SCOPE OF WORK: Roychawk Guest House**

A. Civil

##### **Scope of Work:**

The work comprises mainly of construction of a Guest House at Roychawk and includes but not limited to the following:-

- (i) Earth work in excavation & filling, surface dressing etc works.
- (ii) Carriage & Straightening etc work of second hand rail fabricating and rail piling.
- (iii) Supply & laying of Polythene sheet ,BFS
- (iv) Cement concreting for RCC & PCC works at various floor level,
- (v) Brickwork,
- (vi) Shuttering
- (vii) Reinforcement works,
- (viii) Plastering, rendering on walls, ceiling etc
- (ix) Painting & other finishing works at various floor level.
- (x) Supply fitting & fixing of 1<sup>st</sup> quality ceramic tiles, specified vitrified tiles, marble & granite slab in walls & floor at various floor level.
- (xi) Wood & aluminium etc work in door & windows etc, supply, fitting & fixing of solid flush door, MS clamps, mortice lock and other various items for door & window, solid flush door, MS or WI ornamental grill of approved design etc works.
- (xii) MS structural steel work in column, beam, supply of collapsible gate, etc, supply laying of various floor & wall tiles, black stone and other finishing materials.

- (xiii) Various plumbing works like supply, fitting & fixing of UPVC/PVC/CPVC and other pipes, various type of valves, EWC, counter wash basin, etc works.
- (xiv) Construction of inspection pits

B. . **SCOPE OF WORK** Electrical :-

...

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

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

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

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

Supply, delivery and installation of energy efficient /BLDC ceiling fans along with supply delivery and installation of stepped electronic regulator.

Supply, delivery and installation of wall fans and exhaust fans.

Supply, delivery and fixing of Television/Telephone (RJ 11) sockets

Supply, delivery and installation of 3 pin 15/16 A flush type plug socket with 16/20A modular piano key type switch .

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

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

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

Supply, delivery and installation of 62.5KVA DG Set

Supply, delivery and installation of Smoke detector cum fire alarm system

Point Wiring.

Distribution wiring

Circuit Wiring.

Earthing and related work.

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

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

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

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

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

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

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

### **TECHNICAL SPECIFICATIONS**

#### **Cable Laying**

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

- a) 3.5 C x 150 mm<sup>2</sup> XLPE insulated PVC sheathed armoured Al. cable
- b) 3.5 C X 70 mm<sup>2</sup> XLPE insulated PVC sheathed armoured Al. cable
- c) 4 C x 10 mm<sup>2</sup> XLPE insulated PVC sheathed armoured Al. cable
- d) 2C x 1.5 mm<sup>2</sup> FRLS copper armoured cable

± 5% variation will be allowed as per practice.

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

#### **Laying Underground:-**

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

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

The trenches shall be excavated in reasonably straight line, and where there is a change in direction suitable curvature shall be provided. with 12D radius where D is the diameter of the cable. Where gradients and changes in depth are unavoidable, this shall be

gradual, except where otherwise directed by the Engineer. The cable shall be laid on a cushion of sand, protected with bricks placed on both sides (along the length of the cable) and top (across the length of the cable). After laying of the cable the duct shall have to be filled up by sand.

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

#### **Laying on wall or structure:**

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

#### **Cable Termination**

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

#### **LT Panel**

The LT Panel will comprise of 3 nos 250A, 415V, 36 KA , FP MCCB as incomer having 1 nos as coupler . The outgoing shall have with 3 nos 125 A, 415V, 25 KA,FP MCCB, 2 nos 63A, 415V, FP MCB, 2Nos 32A,415V, FP,MCB mounted in a panel of sheet steel having thickness not less than 2 mm thick, with phosphatised, powder painted complete with copper bus bars (for phase and neutral), etc. conforming to IS norm. The panel should have a Digital Ammeter, Voltmeter, with selector switch, phase indication lamps.

#### **Installation**

Compact modular designed LT Panel will be made of MS with front & rear access with protective devices removal from front having IP-65 protection.

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

Gland plate should be punched for bottom entry of cable

#### **Distribution Boards and Sub Distribution boards.**

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

**Installation**

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

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

**Luminaries**

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

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

**Installation:**

The luminaries are to be installed in the respective areas with suitable arrangement. 9W LED lamps are to be suitably mounted on lamp holder.

**Ceiling Fans , Exhaust Fans, Cabin Fan****Item details**

Energy saving and BLDC fans of 3 blade, ball bearing type, armature with copper winding, ceiling fan of 1200 mm sweep complete with blade, canopy equivalent to any approved make of appropriate colour are to be provided.

Axial flow type exhaust fans of size 300mm sweep for kitchen & pantry and 150mm sweep for toilet complete with blade & shutter which should be dust and water proof, capable of giving good ventilation effect with low noise having copper coil wound armature equivalent to any approved make are to be provided.

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

**Call-bell.****(Item details)**

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

**Installation**

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

**AC Starter for Air-conditioner Machine**

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

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



## **Wiring , wires**

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

## **DG Set**

62.5 KVA DG Set comprising of Kirloskar (KOEL) Make 4R810TAG1 or any other equivalent make of 83 BHP at 1500 RPM Coolant Cooled diesel engine fitted with KOEL iGreen make 62.5 KVA, AC, Three phase, 415 volts, 50 c/s. 1500 RPM alternator along with suitable standard Control panel, fuel tank, base frame, 12 Volt battery with leads and canopy with standard features A type of Auto On and Auto Off Panel are to be provided.

## **Fire Alarm panel**

32 bit microprocessor based 100% Hot Redundant Intelligent Addressable Fire Alarm Control panel with 2 loops with battery back up. The panel shall be networkable & expandable upto 06 loops w/o changing the cabinet. The control panel, batteries, battery charger etc, shall be Vds approved and as per EN-54 standard. The panel would be modular, decentralized, with 100% hot redundancy in cpu/master control unit, 100% hot redundancy in loop cards, relay and interface card by means of duplicated electronics, means, hardware redundancy with full functionality. The panel shall be consisting with minimum 240 character LCD display and TCP/IP for networking. The Panel would be able to record atleast 60,000 events history. Each loop would be capable to have atleast 250 addressable detectors and addressable devices with up to 3.5km loop length.

## **MULTI SENSOR DETECTOR**

Detectors should have in-built integrated short circuit isolator which shall ensure, in the event of a wire break or a short circuit, the fault is localised and that the operation the loop circuit continues unimpeded. The detectors should constantly monitor their surrounding conditions with regard to absolute highest temperature and relative temperature increase and should calculate the optimum smoke and heat sensitivity for the area it is deployed in based on these factors. The sensitivity should always remain within the range set out in standards. Detectors should be capable of constant self tests and should have resistant against environmental influences. Detectors shall have in-built over voltage protection. Smoke and temperature sensors would be able to be activated and disabled separately

## **MANUAL CALL POINT**

The addressable Manual Call Point (MCP) should be capable to manually trigger a fire alarm and should be suitable for connecting to OEMs loop technology. The MCPs should contain a short circuit isolator and a red alarm LED. The alarm should be triggered by smashing the glass panel, with the alarm remaining in alarm state until a new glass panel is inserted.

## **ADDRESSABLE LOOP POWERED SOUNDER:**

The Addressable loop powered sounder should emit signal for acoustic signalling of a fire alarm in indoor areas, suitable for direct connection to the loop. The siren should be red in colour, with four different types of tone and the volume being set using switches.

**The Parameters of loop powered sounder should be**

- Signal volume: 89 to 99 dB / 1 m (dependent on sound)
- Short Circuit Isolator: Integrated

**INPUT / OUTPUT MODULE:**

The Input/ Output module should contain 2 relays each containing a potential-free double-throw contact with the power supply also being internally monitored on the loop circuit for under voltage. It should be able to monitor PFC contacts either from beam detector, flow switch like devices. It should also contain an integrated short-circuit isolator. The protection class of Input module shall be IP 66 with case and operating ambient temperature range shall be -20 to +60°C.

**RESPONSE INDICATOR:**

The response indicators should have to be of approved quality. Dual LED should be there and should get actuate at the time fire detected in the detector connected with it.

**Earthing :**

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

Earthing shall be provided with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts long and 1x4 SWG GI (Hot Dip) wire (4 Mts. Long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mt. long) to be filled with bitumen, partly under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the ground level & restoring surface duly rammed.

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

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

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

**Cleaning of site.**

On completion of works, the contractor shall reinstate and make good at his own expense any property or land which might have been disturbed and/or damaged by his works. Contractor should also clean the site as required during execution and fully clear the site after completion of all the works. Any holes/drillings/openings/damages made on the wall/roof for drawing of cables/installation of equipments shall be made good by the tenderer at his own cost.

**List of Approved Makes**

Item	Make
CABLE	GLOSTER/HAVELLS/POLYCAB/KEI/Bonton (FRLS)
MCCB,MCB,DB, ChangeOver Switch,Timer Switch	L&T / SIEMENS / Legrand / Schnider / ABB
Cable Termination Kits	Raychem/3M

Luminaries, lamps.	Philips/ Bajaj/ Crompton/Havells/Wipro
PVC Copper wire for internal wiring	Finolex/Havells/Gloster/Polycab
Modular Piano type switches/ Socket/CeilingRose/ Electronic regulator.	Havells/Anchor/ Ellora/ Precision
Ceiling Fan	Havells/Usha/Orient /Crompton Greaves/Polar
Starter for A.C. machine	Havells/North West/ Anchor/ Crabtree
AC machine	Hitachi/Mitsubishi/Daikin/O'General
Geyser	Venus/Crompton/Havells/Bajaj
DG Set	Kirloskar/Cummins/Sudhir/Jackson/Sterling&Wilson
Fire Alarm Control Panel	Schrack Seconet / Hochiki /Detectomat /Bosch/Honeywell/Agni /Ravel/Gent
Multicriteria detector	Schrack Seconet / Hochiki /Detectomat /Bosch/ Honeywell/Agni /Ravel/Gent
Manual Call points	Schrack Seconet / Hochiki /Detectomat /Bosch/ Honeywell/Agni /Ravel/Gent
Electronic Hooter/sounder	Schrack Seconet / Hochiki /Detectomat /Bosch/ Honeywell/Agni /Ravel/Gent
Control / Monitor Module unit	Schrack Seconet / Hochiki /Detectomat /Bosch/ Honeywell/Agni /Ravel/Gent
Response indicator	Globe / Agni /Gent /Bosch or any other reputed make

**In the Prequalification criteria, along with the existing statutory conditions it is to be included that the bidder should have valid electrical contractor license.**

The scope of work also includes all appurtenant works as described and set forth in Bill of quantities, Special condition of contract, specification of the materials & workman ship and other documents forming part of the contract with all additional or varied works which may be required in accordance with Clause 7 of General condition of contract all complete as per direction and up to the complete satisfaction of the Trustees' engineers.

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

(a) Provide all materials, tools & plants, supervision, services, scaffolding, shoring, strutting, form work, vibrators, other tools and plants, transportation, water supply, temporary drainage, dewatering of surface, necessary approaches, temporary fencing and temporary lighting as required for safety and work purposes etc.

(b) The Contractor shall at all-time carry out work in a manner creating least interference to the flow of Traffic (where necessary) with prior permission of the Kolkata Police (to be obtained by SMP, Kolkata) while consistent with the satisfactory execution of the same.

(c) The Contractor shall provide and maintain barricades, signs, lights and flagmen, as necessary, at either end of the work-zones and at such intermediate points as directed by the Engineer for the proper notification of the construction area. No extra payment shall be made for such work.

- (d) The Contractor shall carry out the work in phased manner, or even at night time/ odd hours/ holidays as per availability of the site so that normal day to day activities are not affected for which no extra payment shall be entertained.
- (e) The Contractor shall ensure that all his men wear proper PPEs and also take all safety precautions as may be required or directed during execution of the work.
- (f) Complete cleaning of the site of the works and adjoining area after completion of the work.

The intending Tenderer may meet the **Superintendent Engineer, Kolkata** and **Superintendent Engineer, Electrical** or his representative and shall inspect the site of work in consultation with him to get clear idea and thorough knowledge about the exact nature vis-a-vis the challenges in the work before submission of his Tender. His attention is drawn to clause no. 3.1 of the GCC in this regards. No excuse on ignorance to the site condition, availability of the space for storing materials and approach to the site etc., will be taken into cognizance

It may be noted also that as may be decided by the representative of SMP Kolkata or its authorized agency/institution or as directed including forwarding of the un-serviceable materials to the Trustees' Sales Yard or any other suitable place as may be directed, all complete up to the full satisfaction of the Engineer or his representative, including all appurtenant works as described and set forth in Bill of Quantities, Special Conditions of Contract, Technical, Specification of works, Specification for materials & workmanship with all additional or varied works which may thereafter be required in accordance with Clause 7 of General Conditions of Contract.

The intending tenderer shall inspect the site of work in consultation with the **Superintending Engineer, (RT & Kolkata ) 51, C.G.R. Road, Kolkata 700 043 & 8, GR Road, Kolkata-43** and acquaint himself with the nature of work before preparing his tender; His attention is drawn to **Clause No.3.1** of the General Conditions of Contract in this regard. No excuse on ignorance as to the site conditions, availability of space for storing materials and approached to site etc., will be entertained.

The above scope of work including all appurtenant works as described and set forth in Bill of Quantities, Special Conditions of Contract, Technical, Specification of works, Specification for materials & workmanship with all additional or varied works which may thereafter be required in accordance with Clause 7 of General Conditions of Contract.

**Loation:- The work shall have to be executed at Raichak, District- 24 Pargana (S)"**

!

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

- (a) By Road: From **DH** Road.
- (b) By Rail: **Diamond Harbour** Railway Station

#### 6. WORK SITE:

The work site is located at at Raichak, District- 24 Pargana (S)" of Syama Prasad Mookerjee Port, Kolkata.

Tenderer must visit the work site and its surrounding before submission of the tender, so that due consideration is given to the local conditions at site. The intending tenderer should contact **Superintending Engineer (RT & Kolkata ) 51, C.G.R. Road, Kolkata 700043 & 15 strand road .Kolkata 700001** to make the site inspection along with his representative.

#### 7. INSPECTION OF SITE:

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

#### 8. SITE CONDITIONS & METHOD OF WORK:

The work shall have to be executed at Roychowk under the jurisdiction **Kolkata** Division as detailed in the Scope of Work & B.O.Q.

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

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

#### 9. TIME OF COMPLETION

The work is urgent in nature and must be commenced immediately on receipt of the work order and to be completed in all respects within **12 (Twelve) Months**, including preliminary time from the date of placement of work order.

#### 10. SUFFICIENCY OF TENDER:

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

- ii) The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates stated in the priced Bill of Quantities and the rates shall cover all his obligations under the contract and all matters and things necessary for the proper construction, completion, commissioning and maintenance of the work.
- iii) In case rate of particular item is printed erroneously in B.O.Q., the rate stated in the schedule of rates will prevail over the rate misprinted in B.O.Q.

#### **11. ACCESSIBILITY FOR CHECKING AND SUPERVISION.**

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

#### **12. PROGRAMME AND PROGRESS:**

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

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

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

#### **13. RESPONSIBILITY OF THE CONTRACTOR FOR METHODOLOGY OF WORKS:**

##### **Tentative Methodology of work**

- i) The Contractor shall be solely responsible for the methodology and detailed working for the whole of the works, keeping in mind the site conditions and shall supply to the Engineer such particulars thereof as he may require from time to time.
- ii) The Contractor shall submit within the time stipulated by the Engineer in writing, the details of actual methods/Scheme that would be adopted by the Contractor for the execution of each item of the work supported by necessary details.
- iii) Approval, for the Drawings and sketches, if necessary including those of the plant and machinery that would be used, their locations, arrangements for conveying and handling materials etc., should be obtained from the Engineer well in advance for starting each item of work. The Engineer reserves the right to suggest modifications or make concrete changes in the methods proposed by the Contractor whether accepted previously or not at any stage of the work, to obtain the desired accuracy, quality and progress of the work, which will be final and binding on the Contractor.

**14. MATERIALS:**

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

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

**15. QUALITY CONTROL:**

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

**16. SAMPLING AND TESTING OF CONSTRUCTION MATERIALS:**

Essentially to be carried out on the materials brought to site for construction work unless permitted otherwise by the Engineer. The Contractor shall undertake all field tests and laboratory tests for all such materials and workmanships as directed by the Engineer or his representative at

his own cost. The samples shall be taken for test jointly by the representatives of the Engineer and the contractor at the worksite and tested /sent to a Govt. registered laboratory or Institutional laboratory as may be decided by the Engineer for testing. In case of field test, the contractor shall undertake the test by his own testing equipments or by any approved agency in presence of the representatives of the Engineer and the contractor at the worksite. All the testing charges and all incidental charges like packaging and transporting the test samples, equipments etc. shall be borne by the Contractor.

**17. SPECIFICATIONS/ CODES AND STANDARDS:**

All works under this contract will be executed according to the Trustees'

Specification for works. Whenever the details are not specifically covered in the specifications, relevant provisions in the latest revision and/ or replacements of the Indian Standard Specifications (IS) or any other International Code of Practice/ CPWD specifications will be followed. The Contractor shall have to procure copies of such codes/ standards for ready reference of his own personnel as well as the Engineer or his representative at site at his own cost and without any additional reimbursement. **19.TEMPORARY WORKS:**

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

temporary sheds and structures.

**20. PLANT & CONSTRUCTIONAL EQUIPMENTS:**

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

**21. CONTRACT PRICE:**

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

**22. SETTING OUT OF WORK AND INITIAL MEASUREMENTS:**

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

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

**23. FORWARDING OF MATERIALS:**

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

**24. PARTICULARS OF EXISTING WORKS:**

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

**25. SAFETY MEASURES:**

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

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

The contractor shall provide PPE’s (Personal Protective Equipments) such as, helmet,



safety shoe etc. to all workers and shall also provide job specific PPE's e.g. safety belts for working at heights; protective face and eye shield, goggles, hand gloves for welding / gas cutting works; protective Foot wear and gloves for hot works; facemasks, gloves and overalls for painting works, mixing and handling materials etc. as directed by the Engineer-In-Charge.

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

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

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

The successful bidder shall also ensure that –

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

#### **26. HOLIDAY OR SUNDAY WORK:**

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

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

#### **27. POWER SUPPLY:**

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

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

**28. WATER:**

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

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

**29. KEEPING THE SITE AND WORKING AREA CLEAR:**

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

**30. PROTECTION OF EXISTING SERVICES:**

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

**31. CLEANING DURING EXECUTION AND AFTER COMPLETION:**

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

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

**32. METHOD OF MEASUREMENT:**

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

**33. ON ACCOUNT PAYMENT:**

On account payment to the Contractor shall be arranged as and when required at the discretion of the Engineer on the basis of measurements of completed works at the quoted rates in the Bill of Quantities. The terms of payment shall be in accordance with Clause-6 of the General Conditions of Contract. The Bills should be submitted by the contractor in quadruplicate to the Office of the respective

**Superintending Engineer ( Kolkata)** with necessary documents in original. Subject to the availability and feasibility of system, SMPK may make payment directly to the contractor's designated bank account. For this purpose, the contractor will have to indicate (i) name of bank (ii) branch name

(iii) branch code and (iv) designated account number in the "Abstract Form Of Tender". In case payment is made directly through bank, the contractor may be required to submit a pre-receipt as per instruction of SMPK.

**34. LABOUR, TOOLS & PLANTS:**

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

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

**36. CONTRACT LABOUR LAWS:**

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

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

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

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

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

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

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

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

The contractor has to arrange for displaying the name of the Regional Labour Commissioner (Central), Asst. Labour Commissioner (Central) & Labour Enforcement Officer (Central) at his worksite(s). The contractor shall inform the Principal Employer the date, time & venue of disbursement to be made by him to his workers. The successful bidder shall also be required to put up a notice at the site of work mentioning the date, time & venue of disbursement to be made by him to his workers and he or his authorized representative shall have to be present during period of disbursement.

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

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

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

**38. INDEMNIFICATION:**

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

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

### **39. TAXES & DUTIES:**

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

- The Supplier/ Service Provider agrees to comply with all applicable GST laws, including GST acts, rules, regulations, procedures, circulars & instructions thereunder applicable in India from time to time and to ensure that such compliance is done within the time prescribed under such laws. Supplier/Service Provider should ensure accurate transaction details, as required by GST laws, are timely uploaded in GSTN. In case there is any mismatch between the details so uploaded in GSTN by Supplier/ Service Provider and details available with Syama Prasad Mookerjee Port, Kolkata, then payments to Supplier/Service Provider to the extent of GST relating to the invoices/s under mismatch may be retained from due payments till such time Syama Prasad Mookerjee Port, Kolkata is not sure that accurate tax amount is finally reflected in the GSTN to SMPK's Account and is finally available to Syama Prasad Mookerjee Port, Kolkata in terms of GST laws and that the
- credit of GST so taken by Syama Prasad Mookerjee Port, Kolkata is not required to be reversed at a later date along with applicable interest. Syama Prasad Mookerjee Port, Kolkata has the right to recover monetary loss including interest and penalty suffered by it due to any non-compliance of tax laws by the supplier/service provider. Any loss of input tax credit to Syama Prasad Mookerjee Port, Kolkata for the fault of supplier shall be recovered by Syama Prasad Mookerjee Port, Kolkata by way of adjustment in the consideration payable.
- Supplementary invoices/Debit note/credit note for price revisions to enable Syama Prasad Mookerjee Port, Kolkata to claim tax benefit on the same shall be issued by bidder for a particular year before September of the succeeding Financial Year.

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

### **40. SETTLEMENT OF DISPUTES:**

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

### **41. CONTRACTOR TO EXECUTE CONTRACT AGREEMENT:**

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

successful tenderer or tenderers are a partnership concern, they will have to get Agreement signed by all the partners or by the partner who is authorized to sign for and on behalf of the other partners.

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

#### **42. EMPLOYMENT OF LOCAL RESOURCES:**

The contractor shall pay special attention to engage the maximum possible number of local Engineer, other technical personnel, office workers; labourers (skilled, semiskilled, unskilled) periodically or as and when called for.

#### **43. KOLKATA PORT TRUST:**

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

#### **44. CLARIFICATION OF BIDS:**

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

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

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

#### **45. WORKMEN AND WAGES:**

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

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

**46. RATE FOR PAYMENT AGAINST EXTRA ITEMS:**

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

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

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

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

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

**47. DISPARITY IN QUOTED RATE/AMOUNT.**

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

**48. DOCK PERMIT:**

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

**49. WORKING PERIOD:**

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





**SCHEDULE T**  
**SYAMA PRASAD MOOKERJEE PORT, KOLKATA**

**ANNEXURE-C (Contd.)**

**CONCURRENT COMMITMENT(S) OF THE BIDDER (i.e. Works in The Hand  
Of The Bidder At The Time Of Submission Of Tender Offer)**

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

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

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

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

A) In case of Limited Company -

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

B) In case of a firm -

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

**(To be submitted with Part-I of Offer)**

**SCHEDULE 'O' SHEET – 2.**

C) In case of an Individual:

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

2) Name of the father of the Bidder.

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

4) When business was started and by  
whom.

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

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

Dated:

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(Full Signature of Bidder)

**(Proforma of Performance certificate/credential of works)**

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

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

**DOCUMENTS TO BE UPLOADED ALONG WITH PART –I**

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

- i) GST registration certificate.
- ii) Valid Trade Licence (Valid for current period & also for type of work).
- ii) Valid Professional Tax Clearance Certificate / Up to date tax payment challan. If this is not applicable, the bidder must submit a declaration in this regard.
- 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 Part-I) of the tender document duly filled up.
- 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) Balance sheet and Profit and Loss account / Trading account for the last 3 (three) financial years (i.e. 2019–2020, 2020-2021 and 2021-2022). The same should be audited as per relevant norms wherever required along with UDIN of the Auditor
- viii) Bank Draft/ Pay Order etc. regarding Cost of EMD and Tender documents / valid NSIC certificate.
- ix) PAN Card
- x) A list of technically qualified and skilled persons would be engaged to supervise and execute the work **(to be mentioned in the letter head of the Firm).**
- xi) Self- declaration of the bidder that the Bidding Firm has Not been debarred / de-listed by any Govt / Quasi Govt. / Public Sector undertaking in India **(to be mentioned in the letter head of the Firm).**
- xii) Self declaration regarding the proprietor/partner(s)/authorized signatory of the bidding firm (in the case of proprietorship firm /partnership firm /limited company, as the case may be) is/are not associated with any other firm bidding for the same work **(to be mentioned in the letter head of the Firm).**
- xiii) A list of works which are in hand at the time of submitting the offer as per the enclosed proforma titled 'Concurrent Commitments of The Bidder' vide 'Annexure-C' (Schedule –T) in Part-I of the tender document.
- xiv) Undertaking of the tenderer to be submitted as per enclosed Pro-forma (Annexure –D-1) in lieu of submission of signed copies of the full Tender document, G.C.C, addenda & corrigendum **in the letter head of the Firm.**

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

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

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

**ANNEXURE –D-1**

**NIT NO. SMPK/KDS/CIV /T/2702/61 DT. 14.09.2022**

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

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

Ref. No.....

Dated:

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

Dear Sir,

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

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

Yours faithfully,

Signature of Tenderer.....

Name: .....

Designation: .....

Date: .....

Seal of the tenderer:.....

**SYAMA PRASAD MOOKERJEE PORT, KOLKATA**

Office of the Chief Engineer,  
Head Office Building, 15, Strand  
Road, Kolkata 700 001.  
Tele – 033 2230-3451 Extension: 398,399,400  
Fax - (033) 2230-0413

E-mail ID: [sk.halder@kolkataporttrust.gov.in](mailto:sk.halder@kolkataporttrust.gov.in) &  
[cecontract@kolkataporttrust.gov.in](mailto:cecontract@kolkataporttrust.gov.in)

NIT No.: SMPK/KDS/CIV /T/2702/61 DT. 14.09.2022

**NOTE: Last Date of Download of tender documents  
: 20.10.2022(up to 14-00 hours)**

**Tender is due for submission (by 15-00 hours) On 20.10.2022  
Tender is due to open after 15-00 hours On 21.10.2022**

**PRICE BID**

**“रायचक, जिला- 24 परगना (एस) में प्रस्तावित गेस्ट हाउस के निर्माण के लिए निविदा”**

**TENDER FOR “Construction of proposed Guest House at Raichak, District- 24  
Pargana (S)”**

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## ANNEXURE-E (CONTD.)

### E-TENDER FOR “Construction of proposed Guest House at Raichak, District- 24 Pargana (S)”

NIT NO: SMPK/KDS/CIV /T/2702/61

DT. 14.09.2022

#### PRICE BID

<b>ESTIMATED COST</b> अनुमानित लागत	<b>Rs.3,13,13,883.14 (Rupees Three crore thirteen lakh thirteen thousand eight hundred eighty three and paise fourteen only )</b>
<b>EMD (Earnest Money Deposit)/ Bid Security</b> ईएमडी (बयाना राशि जमा)/बोली सुरक्षा	<b>Rs. 6,26,280/- (Rupees Six lakh twenty six thousand Two hundred Eighty only)</b> payable through DD / RTGS / NEFT / Bank Transfer etc.,) to be transferred on <b>A/C: Syama Prasad Mookerjee Port, Kolkata</b>
<b>Cost of Tender document (Non-refundable)</b> निविदा दस्तावेज की लागत (अप्रतिदेय)	<b>Rs.2950/-(Rupees two thousand nine hundred and fifty only) including @18% GST)</b> payable through DD / RTGS / NEFT / Bank Transfer etc.,) to be transferred on <b>A/C: Syama Prasad Mookerjee Port, Kolkata</b>
<b>TIME OF COMPLETION</b> पूरा होने का समय	<b>12(Twelve) Months</b>
<b>PERIOD OF DOWNLOAD OF E-TENDER (Both Days Inclusive)</b> ई-निविदा के डाउनलोड की अवधि (दोनों दिन सम्मिलित)	<b>20.09.2022 to 20.10.2022(UPTO 14:00 HRS.)</b> (Bid document will be available on website <a href="https://kopt.enivida.in">https://kopt.enivida.in</a> ). Bidders will have to participate in bidding process through website <a href="https://kopt.enivida.in">https://kopt.enivida.in</a> /only.
<b>DATE AND TIME FOR PRE-BID MEETING &amp; SITE VISIT</b> प्री-बिड मीटिंग और साइट विज़िट के लिए दिनांक और समय	Pre-bid meeting will be held at 11.30 Hours on 28.09.2022 in the chamber of the Chief Engineer of SYAMA PRASAD MOOKERJEE PORT, KOLKATA at SMPK
<b>LAST DATE OF SUBMISSION OF E-TENDER AND OPENING OF THE TENDER</b> ई-निविदा प्रस्तुत करने और निविदा खोलने की अंतिम तिथि	<b>Submission on 20.10.2022up to 15:00 hrs.</b> <b>Opening on 21.10.2022 after 15-00 hrs. (The Techno Commercial Part will be opened only on the date)</b>

# **SYAMA PRASAD MOOKERJEE PORT, KOLKATA**

**Office of the Chief  
Engineer Head Office  
Building**

**15, Strand Road, Kolkata 700 001**

## **E-TENDER FOR “Construction of proposed Guest House at Raichak, District- 24 Pargana (S)”**

**NIT NO: SMPK/KDS/CIV /T/2702/61      DT. 14.09.2022**

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

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

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

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

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

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

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

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

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

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

All First Aid, Welfare and safety requirements.

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

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

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

This being a percentage rate tender, the Bidder shall quote his rates as percentage above / below / at par with the estimated amount put to tender **on line** based on his own analysis.

The Tender Price thus established would be taken for comparative evaluation of E-Tenderers

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

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

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

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**SYAMA PRASAD MOOKERJEE PORT, KOLKATA**

Civil Engineering Department

**BILL OF QUANTITIES****E-TENDER “Construction of proposed Guest House at Raichak, District- 24 Pargana (S)”****NIT No: SMPK/KDS/CIV /T/2702/61****DT.  
14.09.2022****BILL OF QUANTITIES****Part –A Building Work**

Sl. No.	Descriptions of Works	Quantity	Rate	Unit	Amount
			(Rs. P.)		(Rs. P.)
1	Straightening of the second hand rail fabricating as necessary aligning erecting & driving the rails inclusive providing & fixing angle bracing & painting complete. All rails with 2 coats of bituminustic paint of approved quality after cleaning the surface prior to the driving.	425.00	7138.86	MT.	30,34,015.50
2	Carriage of S.H Rail over pucca road for 50KM distance loading in to trucks at the lifting point , unloading at destination , stracking properly in go downs or yard etc. as directed including carriage by head load up to a lead of 50.00 m at each of the two points.	425.00	470.50	MT.	1,99,962.50
3	Removing old paint from blistered painted surface of steel or other metal by chipping including scraping and cleaning and exposing the original surface .	6300	47.00	Sqm	2,96,100.00
4	Painting with ready mixed red lead paint of approved make and brand.Two coats	6300	55.00	Sqm	3,46,500.00
5	Suppying cement bags in good condition.	40000.00	330.00	100 nos	1,32,000.00
6	Filling empty Cement bags with dry arth or sand ,stitching the bag (Cost of thread included) and carrying and placing them in position and all inidental charges complte but excluding cost of sand and gunny bags.	40000.00	350.00	100 bags	1,40,000.00

7	Cutting /cleanong/ removing jungles including area of dock and removing spoil up to uprooting /removing of rank vegetation, cutting grass, brush wood, cutting/ removing small tree saplings or branches of trees falling under the cutting area cleaned as per direction including all lead, lifts cutting instruments, labour etc complete in all respect.	3500.00	1.10	Sqm	3,850.00
8	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (i) Depth of excavation not exceeding 1,500 mm.	1,015.00	11927.00	%Cum	1,21,059.05
9	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.	3,500.00	10.00	Sqm	35,000.00
10	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work) (a) With earth obtained from excavation of foundation.	3,000.00	7754.00	% Cum	2,32,620.00
11	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity)	650.00	93621.00	%Cum	6,08,536.50
12	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any.				
	(ii) In ground floor as per relevant IS codes. Pakur Variety.	490.00	6124.34	Cum	30,00,926.60
	(iii) In First Floor.	100.00	6219.34	Cum	6,21,934.00

13	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	200.00	361.00	Sqm.	72,200.00
14	Cement concrete with graded stone ballast (40 mm size excluding shuttering) In ground floor. [Pakur Variety] (1:3:6 ) proportion.	40.00	5190.00	Cum.	2,07,600.00
15.a	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works. 25 mm to 30(upto roof of ground floor) mm thick wooden shuttering as per decision & direction of Engineer-in-Charge.				
	(i)In Ground Floor	2,300.00	335.00	Sqm.	7,70,500.00
	(ii)In First Floor	500.00	353.00	Sqm.	1,76,500.00
b	Steel shuttering or 9 to 12 mm thick approved quality ply board shuttering in any concrete work				
	(i)In Ground Floor	500.00	369.00	Sqm	1,84,500.00
	(ii)In First Floor	300.00	387.00	Sqm	1,16,100.00
c	(i)25 mm to 30 mm shuttering without staging in foundation	270.00	209.00	Sqm.	56,430.00
16	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. (a) For works in foundation, basement and upto roof of ground floor/upto 4 m (i) Tor steel/Mild Steel. SAIL/TATA/RINL	48.00	60580.00	MT	29,07,840.00
	(b)First Floor	15.00	60628.00	MT	9,09,420.00

17	Brick work with 1st class bricks in cement mortar (1:6). (a) In foundation and plinth	10.00	5413.00	Cum	54,130.00
	(b) In Superstructure,(i)ground floor.	95.00	5636.00	Cum	5,35,420.00
	(ii)In First Floor.	65.00	5747.00	Cum	3,73,555.00
18	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) (i) In ground floor	200.00	736.00	Sqm.	1,47,200.00
	(ii)In First Floor	70.00	748.00	Sqm.	52,360.00
19	Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches.	4,200.00	24.00	Sqm.	1,00,800.00
20	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors & 4 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.				
	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. Coloured decorative (i)Ground Floor	160.00	757.00	Sqm.	1,21,120.00
	(ii)First Floor	80.00	762.00	Sqm.	60,960.00
21	Supplying, fitting and fixing Marble Slab/tile of 15 to 18 mm thickness in floor, lobby, stair, landing & treads etc. over 20 mm (av.) thck base of Cement mortar (1:2) laid with white cement slurry @ 4.4 kg/Sq.m before placing marble & jointed with white cement slurry @ 2.0 kg/Sq.m with necessary pigments including grinding and Granite polishing as per direction of Engineering -in -Charge {White cement and Pigment to be supplied by the Agency] With Chawk Dungri				
	Area of each tile exceeding 0.6 sq.m but not exceeding 1 sq.m.				

	(i) In Ground Floor.	430.00	2835.00	Sqm	12,19,050.00
	(ii) First Floor	310.00	2835.00	Sqm	8,78,850.00
22	Extra cost of labour for prefinished and premoulded Nosing to treads of steps, railing, window sill etc. of Marble Stone.	150.00	258.00	Mtr.	38,700.00
23	Supplying and laying true to line and level Anti-Skid, Full Body, Homogeneous & Granular finish Vitrified Tiles conforming to IS:15622-2006 & IS 4457-2007 and testing shall be made in accordance with IS:13630 [Non- modular sizes for tiles with Skid resistance > 0.5, Mohr's hardness > 5.0, Staining resistance: Class-1, Water Absorption: E < 0.5%], MOR > 35 N/sq.mm in Internal area of building e.g. Toilet Block, Passage, Corridor, Accessible Open Terrace etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg./Sqm or using Polymerised Adhesive (6 mm thick layer applied directly over finished artificial stone floor/ Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per Sqm below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles/ epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contractor). In Ground Floor: Sizes-600 mm x600mm x10 mm with breaking strength > 1500 N	95.00	1580.00	Sqm.	1,50,100.00
	In First Floor	40.00	1592.00	Sqm	63,680.00



24(a) )	Supplying, fitting & fixing granite slabs 15mm to 18 mm.thick with uniform texture & without decorative veins in columns, wall, fascia etc. with 15 mm thick [avg] cement mortar (1:2) including making suitable arrangements to hold the stones properly by brass / copper hooks including pointing in cement mortar (1:2) (1 white cement : 2 marble dust) with admixture of pigment matching the stone shades all complete as per direction of the Engineer-in-charge including cost of all materials, labours, scaffolding, staging ,curing and roughening of concrete surface complete. [Using cement slurry at back side of granite @ 4.4 kg/sq.m & white cement slurry for joint filling @ 1.8 kg/sq.m]Area of each Granite slab above 1.00 Square meter. In ground floor.	40.00	3013.00	Sqm	1,20,520.00
b	In First Floor	50.00	3025.00	Sqm	1,51,250.00
25	Labour for Chipping of concrete surface before taking up Plastering work.	1,500.00	21.00	Sqm.	31,500.00
26	(a) M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.(Add extra @ 1% for each addl.floor upto 4th floor)The weight of grill per sq.m. will be determined by taking thephysical weight of fabricated grill and dividing the same by covered area of the same.	5.60	9888.00	Qtl	55,372.80
	(i)In First Floor	4.00	9986.88	Qtl	39,947.52
27	Supplying 1.5mm thick M.S. sheet fitted and fixed on one or both faces of M.S./ W.I. gate etc. with point welding at not more than 150mm apart complete in all respect as per design including cost of all labour and materials.	50.00	1304.00	Sqm.	65,200.00

28	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with holdfast lugs or with dash fasteners of required dia & length (holdfast lugs or dash fastener shall be paid for separately).				
	Second class teak wood	2.80	120000.00	Cum	3,36,000.00
29	Supplying, fitting and fixing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. by cement concrete (1:2:4) as per direction. (Cost of concrete will be paid separately). 40mm X 6mm, 250mm Length.	140.00	29.00	Each	4,060.00
30	Providing and fixing chromium plated brass 100mm mortice latch and lock with 6 levers and a pair of lever handles with necessary screws etc. complete (bestmake of approved quality).	25.00	870.00	Each	21,750.00
31	Providing and fixing chromium plated brass night latch including necessary screws etc. complete (Bestmake of approved quality).	25.00	750.00	Each	18,750.00
32	Providing and fixing ISI marked, IS:1341, M.S. heavy weight butt hinges with necessary screws etc. complete. 125x90x4.00 mm	150.00	40.00	Each	6,000.00
33	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS:1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 250x10 mm	25.00	85.00	Each	2,125.00
34	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete. 300x10 mm	25.00	220.00	Each	5,500.00
35	BRASS DOOR STOPPER	25.00	117.00	Each	2,925.00
36	Brass hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with centre bolt and round fitting. 250mm Long.	25.00	597.00	Each	14,925.00

37	Supplying solid flush type doors of deluxe decorative (both side) quality, conforming to I:S 2202 timber frame consisting of top and bottom rail and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 27.5mm wide battens places both ways in order to made the door of solid core and internal lipping with teak, mahogany or rose wood approved decorative veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing the shutters in position but excluding the cost of hinges and other fittings in ground floor:				
	(a) 35mm thick shutters (single leaf)				
	In ground floor	40.00	3955.00	Sqm	1,58,200.00
	(b) In first floor	20.00	3969.00	Sqm	79,380.00
38	Providing and fixing 18mm thick, 150mm wide pelmet of coir veneer board ISI marked IS:14842, including top cover of 6mm coir veneer board, nickle plated M.S. Pipe 20mm dia. (heavy type) curtain rod with nickel plated brackets, including fixing with 25x3mm M.S. Flat 10cm long fixed to pelmet with hollock wood cleats of size 100mm x 40mm x 40mm on both inner side of pelmet and rawl plugs 75mm long etc. all complete	50.00	1000.00	Mt	50,000.00
39	Extra for using veneered particle board conforming to IS 3097 Grade I, in item of pelmet 18mm thick 150mm wide. Particle board with decorative veneering on both sides.	60.00	325.00	Mt	19,500.00
40	Providing and fixing curtain rods of 1.25mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., whereve necessary complete. 20 mm dia.	25.00	300.00	Mt	7,500.00
41	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete. 50 x 20 mm.	270.00	200.00	Mt	54,000.00
42	Providing and fixing oxidised M.S. Safety chain with necessary fixtures for doors. (Weighting not less than 450 gms.)	25.00	70.00	Each	1,750.00

43	<p>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 &amp; SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1956 &amp; 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.</p>	1.00	72603.00	MT	72,603.00
	<p>Payment to be made on the basis of calculated weight of structural members only in finished work as per IS specified weight. Payment for gusset, bracket, cleat, rivets, bolts and nuts may be made by adding the actual weight of such items with the weight of finished structural members or 7% of weight for finished structural members weighing not less than 22.5 Kg. / m. or 15 % of weight for finished structural members weighing less than 22.5 Kg. / m. may be increased allow for bracket, cleat, rivet, bolts and nuts etc. and no separate payment being made for these items, as per direction of Engineer In Charge. The rates are considered for a height of erection 8m. / 2nd floor level from the ground. Add 1.5% extra over the rate for each additional floor or 4m. beyond initial 8m. or part thereof.</p> <p>1) For structural members of specified sections weighing less than 22.5 Kg./m</p>				
44	<p>Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor). [Excluding cost of chipping over concrete surface] With 1:6 cement mortar.</p> <p>(a) 20 mm thick plaster (Internal surface)</p> <p>(i) In Ground Floor</p>	850.00	167.00	Sqm	1,41,950.00

	(ii) In 1st Floor	580.00	171.00	Sqm	99,180.00
	(b) 15 mm thick plaster(Exernal serface) (i) Ground Floor	750.00	145.00	Sqm	1,08,750.00
	(ii)In 1st Floor	420.00	149.00	Sqm	62,580.00
	With 1:4 cement mortar (c) 10 mm thick plaster (i)In Ground Floor	800.00	129.00	Sqm	1,03,200.00
	(ii) In 1st Floor	500.00	133.00	Sqm	66,500.00
45	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. [NOTE: Cement 0.152 cu.m per100 sq.m.]	150.00	34.00	Sqm	5,100.00
46	Artificial stone in floor, dado, staircase etc with cementconcrete (1:2:4) with stone chips, laid in panels as directedwith topping made with ordinary or white cement (asnecessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including rakingout joints or roughening of concrete surface and applicationof cement slurry before flooring works using cement @ 1.75kg/sq.m all complete including all materials and labour.In ground floor.3 mm. thick topping (High polishing grinding on this item isnot permitted with ordinary cement). Using grey cement.ii-25 mm thick in ground floor.	50.00	273.00	Sqm	13,650.00
47 (a)	Rendering the Surface of walls and ceiling with White Cement baseWATER PROOF wall putty of approved make & brand.(1.5 mm thick) in (i) Ground floor	1,650.00	122.00	Sqm	2,01,300.00
	(ii) For 1st floor	1,080.00	122.71	Sqm	1,32,526.80
	(b) External ,For ground floor	750.00	122.00	Sqm	91,500.00
	(ii) For 1st floor	420.00	122.71	Sqm	51,538.20

48	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured(matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC. In Ground Floor:				
	(b) Two Coat	750.00	4510.00	%Sqm	33,825.00
	(i)1st Floor	420.00	4581.00	%Sqm	19,240.20
49	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC. (In Ground Floor) (a)Two Coat				
	Solvent based interior grade Acrylic Primer	1,650.00	4850.00	%Sqm	80,025.00
	In 1st floor	1,080.00	4850.00	%Sqm	52,380.00
50	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of EIC to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. Super Protective 100% Acrylic Emulsion- (i)In Ground floor (Two Coat)	750.00	97.00	Sqm	72,750.00
	(ii)1st floor	420.00	97.71	Sqm	41,038.20
51	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) :(Two coats)				
	Luxury Quality	2,730.00	70.00	Sqm	1,91,100.00

52	(a) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	50.00	29.00	Sqm	1,450.00
	b) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	150.00	38.00	Sqm	5,700.00
53	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc.including using of approved putty etc. on the surface, if necessary : (a) On timber or plastered surface : With super gloss (hi-gloss) -				
	Two coats (with any shade except white)	50.00	81.00	Sqm	4,050.00
	(b)On steel or other metal surface : With super gloss (hi-gloss)				
	Two coats (with any shade except white)	150.00	79.00	Sqm	11,850.00
54	Supplying, fitting & fixing UPVC pipes A –Type and fittings conforming to IS:13592-1992 with all necessary clamps nails, including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materials (Spun Yarn, Valamoid /Bitumen/M-Seal etc) complete. A) UPVC Pipes: (i) 110 mm. Dia	50.00	251.00	Mtr	12,550.00
	B) UPVC Fittings: a) Plain Tee 110 mm. Dia.	10.00	172.00	Each	1,720.00
	c) Bend 87.5 degree 110 mm. Dia.	8.00	140.00	Each	1,120.00
	d) Shoe 110 mm. Dia.	10.00	111.00	Each	1,110.00

55	Supplying, fitting, fixing C.I Grating (Heavy type). (a) Up to 100 mm Square or 100 mm Dia.	10.00	69.00	Each	690.00
56	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (6mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. Pakur variety.	8.00	5275.00	Cum.	42,200.00
57	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987.				
	8mm thick coloured / tinted / smoke glass.	60.00	907.00	Sqm	54,420.00
58	Supplying fitting and fixing in position approved P.V.C. door frame (Matt finish) made of extruded P.V.C. multichamber hollow section having dimensions 60mm x 50mm x 2mm (+/- 0.2mm), horizontal section will be joined with vertical section by galvanised steel screws after inserting two number steel brackets as reinforcement making suitable space for placing hinges, one steel tube 40mm x 20mm x 1.20 mm will be inserted on one full vertical side of the frame (hinge side) as reinforcement, the frame will then be fixed in the opening with the help of P.V.C. expandable fastener/wooden gutties and galvanised steel screws including cost of all materials and labour, hire charges of tools and appliances, carriage of all materials, taxes and all other incidental charges complete.	40.00	279.00	Sqm	11,160.00



59	Supplying, Fitting & Fixing 30 mm thick both side prelaminate Factory made solid Panel PVC Door Shutter consisting of outer frame made out of M.S. tubes of 19 gauge thickness and size 19 mm x 19 mm for styles, top and bottom rails, M.S. frame shall have cost of steel primers of approved make and manufacture, M.S. frame covered with 5 mm th. heat moulded PVC "C" channel of size 30 mm th, 70mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on either sides forming styles; and 5 mm th. 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm tapered in 45 degree on the inner side to form top & bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel with 10 mm (5 mm x 2) th., 20 mm wide cross PVC sheet as gap insert for top rail and bottom rail sheet to be fitted in the M.S. frame welded/sealed to the styles & rails with 7 mm (5 mm + 2 mm) th. x 15 mm wide PVC sheet beading on inner side and joined together with solvent cement adhesive. An additional 5 mm th. PVC strip of 20 mm which is to be stuck on the interior side of the "C" channel using PVC solvent adhesive etc. complete excluding all necessary hardware as per direction of Engineer-in-Charge.	15.00	2438.00	Sqm	36,570.00
60	Collapsible gate with 40mm x 40mm x 6mm Tee as top and bottom guide rail, 20mm x 10mm x 2mm vertical channels 100mm apart in fully stretched position 20mm x 5mm M.S. flats as collapsible bracings properly rivetted and washered including 38mm steel rollers including locking arrangements, fitted and fixed in position with lugs set in cement concrete and including cutting necessary holes, chasing etc. in walls, floors etc. and making good damages complete. In ground floor.	8.00	4330.00	Sqm.	34,640.00

61	Supplying fitting, fixing decorative lamination conforming to IS: 2046 : 1995 as per approved make, brand, finish and thickness with fitting, fixing the same on Particle/MDF / Ply Boards with recommended / approved adhesive with proper clipping the sides for better attachment as per direction of Engineer-in-charge.The rate includes the cost of labour,adhesive and all incidental charges thereof.In ground floor Glossy/Matt/Suede excluding surface texture or metallic lustre.				
	Thickness of laminate 1.5mm	160.00	802.00	Sqm	1,28,320.00
62	M.S. gate of Jail type as per approved design made of strong M.S.frame work, intermediate stiffeners and round / square bars or angles. M.S. sheet (not less than 14 gauge) gussets, cleats etc.including necessary riveting, bolting, welding, locking and hanging arrangements, fitting and fixing complete as per direction of the Engineer-in -charge.In ground floor. (Portion of locking arrangement inside the wallto be paid separately)	2.00	7566.00	Qtl.	15,132.00
63	Locking arrangement for Jail type doors including supplying fitting and fixing in position complete as per approved design.	5.00	277.00	Kg	1,385.00
64	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections / appropriate Z sections and other sections of approved make conforming to IS:733 and IS:1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber / neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge.(Glazing,paneling and dash fasteners to be paid for separately)				
	<b>For fixed portion</b>				

	Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	155.00	450.00	Kg	69,750.00
65	For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately).				
	Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	150.00	450.00	Kg	67,500.00
66	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 6mm thick clear float glass both side, having 12mm air gap, including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. as per specifications, drawings and direction of Engineer-in-charge complete.	100.00	4300.00	Sqm	4,30,000.00
67	Supplying and laying true to line and level 20 mm / 25 mm.thick precast roof tiles made of cement conc. with stone chipsas per approved strength and density set in 25mm avg. thickcement mortar(1:3) and filling up joint (3 mm wide) withcement sand mortar (1:1) applying cement slurry @ 1.75 kgper Sq.m back of tiles and then settting close the precasttiles, finishing up the joints with slurry already laid andfinally finishing the top surface including providing 150 mm.high skirting with the same tiles flushed with the inside surface of parapet wall,finishing the mouth of rainwaterpipes, curving etc. as necessary complete as per direction ofthe Engineer-in-charge. (Levelling if necessary may be paidseparately)b) For 25 mm. thick precast tiles (cement 14.6 kg/ Sq.m forunderlayer)	500.00	585.04	Sqm	2,92,520.00

68	Supplying, fitting and fixing Black Stone slab used in Kitchenslab, alcove, wardrobe etc. laid and jointed with necessary adhesive Cement mortar (1:2) including grinding or polishing as per direction of Engineer-in -Charge in Ground Floor.(b) Slab Thickness above 25 mm and upto 37.5 mm	10.00	712.00	Sqm	7,120.00
69	Cutting chase upto 125 x 150 mm. and subsequent mending of damages.				
	(i) in brick wall (Cement-3.6 Kg/Mtr]	30.00	93.00	Mtr	2,790.00
	(i) in concrete wall[Cement-3.6 Kg/Mtr]	40.00	112.00	Mtr	4,480.00
70	Removal of rubbish,earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge	150.00	166.00	Cum	24,900.00
71	Supplying, fitting and fixing Fan Hook for ceiling with 1 metre long 16 mm. dia rod complete including mending damages. Payment for damage and repair to be made separately.	25.00	100.00	Each	2,500.00
72	Washing and cleaning with oxalic acid powder using 33 gms./sq.m.				
	(a) Marble floor/ marble dado	800.00	696.00	%Sqm	5,568.00
	(b) Floor/ dado other than marble	500.00	552.00	%Sqm	2,760.00

73	Providing and fixing of false ceiling with powder coated exposed G.I. grid suspension system (E-Grid U-1520 or equivalent load carrying capacity with mid span deflection not exceeding 1/360 span with hanger spacing of 1200mm c/c ) consisting of Main Runner 3600 mm long, Cross Tee 1200 mm / 600 mm long and Wall Angle. The Wall Angle shall be fixed on PVC Dash Fasteners on the perimeter of the wall by steel screws with distance 300mm c/c. The Main Runners to be placed @ 1200 mm. The Cross Tee 1200mm will be inserted in the pre-cut slots of Main Runner at a regular interval of 600 mm to form a modular grid of 1200mm X 600mm. Additional Cross Tees of 600 mm shall be placed perpendicular to the Cross Tee 1200 mm long to finally form a grid of 600 mm X 600 mm. Grid of module size 600 mm X 600 mm shall be supported by 6 mm dia G.I. wire from purlins / soffit. 15mm thick OW Acoustic Board (Mineral Fiber Acoustic Ceiling Tiles) of approved pattern and size 595mm X 595mm with NRC value > 0.65 should be placed in the Grid module to form a False Ceiling. All complete as per the drawing & directions of Engineer-in-charge. In ground floor.				
	a) Acoustic False Ceiling (with 15mm thick OW Acoustic Board and E-Grid U- 1520).	800.00	1357.00	Sqm	10,85,600.00
	(b) In 1st floor	500.00	1371.00	Sqm	6,85,500.00
74	Supplying, fitting and fixing boiling water proof ply conforming to IS: 710-1977 bonded with phenol formaldehyde synthetic resin conforming to IS: 848-1974 of approved make and brand fitted and fixed as per design as per approval and direction of Engineer-in-Charge. [excluding the cost of supporting frame work and teak wood batten/Lipping] In Ground Floor				
	(iv) 12mm	60.00	1709.00	Sqm	1,02,540.00
	In 1st floor				
	(iv) 12mm	100.00	1723.00	Sqm	1,72,300.00

75	Providing & fixing in position wooden false ceiling with one side Decorative plywood having natural veneer (thickness 4 mm ) of select wood on ceiling consisting of frame work with 50 mm x 25 mm size seasoned Sal wood @ 600 mm c/c (approximately) both ways jointed rigidly with nails, screws etc. with wooden plugs fixed with cement mortar ( 1:3) and providing and fixing 6 mm thick BWR plywood on top of the frame work and 4 mm thick one side decorative plywood veneers of approved shade ( whiteBeech/ Sycomore/Anegre / Wenge / Sapele/ Mahogany/ AF. Wall Nutt. ) to be pasted over the plywood with adhesive (Fevicol or approved equivalent) in approved pattern. Finally the false ceiling will be finished with 50mm x 25 mm polished Teak Wood / Steam Beech battens fixed over false ceiling @ 75 mm C/C or in approved pattern. Finally the ceiling will be finished with polishing on wooden veneer with melamine polish of approved make, polishing the wooden battens with stained spirit polish etc. complete with all labour & materials. The rate to also include the cost of applying preservative treatment of Timber for rot & termite proofing, cost of painting of hidden surfaces of timber with one coat of fire retardant paint over a coat of wood primer.	35.00	3000.00	Sqm	1,05,000.00
76	Providing and fixing 12mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle,lock and stopper etc.to be paid separately).				
	GROUND FLOOR	18	7000.00	Sqm	1,26,000.00
77	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in-charge				
	Polyester powder coated minimum thickness 50 micron aluminium tubular handle bar	4	1500.00	Each	6,000.00

78	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS:6315, having brand logo embossed on the body/plate with double spring mechanism and door weight upto 125kg., for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.				
	With brass cover plate minimum 1.25 mm thickness.	4	6000.00	Each	24,000.00
79	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	2	500.00	Each	1,000.00
80	Supplying and laying true to line and level High Grip, Scratch resistant, Neutral to UV rays, Full Body Vitrified Tiles conforming to IS:15622-2006 & IS 4457-2007 and tested in accordance with IS:13630 [Non-modular sizes for tiles with Skid resistance: 0.6, Mohr's hardness > 7.0, Staining resistance: Class-1, Water Absorption E < 0.5%] & MOR > 35N/sq.mm and Breaking strength >1500 N for Outdoor area of building e. g. Gang-way, Corridor, Driveway, Parking lots, Courtyards, Sloping ramps, Entrance lobbies, Patios, Portico etc. set over necessary underlay and 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg./Sqm, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles and removal of wax coating of top surface of tiles with warm water and cleaning the tiles using soft and dry cloth complete including the cost of materials, labour and all other incidental charges complete including backside slurry but excluding the cost of underlay and true to the manufacturer's specification and direction of Engineer-in-Charge. In Ground Floor: Sizes-300 mm x 300 mm x 10 mm	100.00	785.00	sqm	78,500.00

81	<p>Providing and fixing of factory made uPVC Sliding Door (White Colour)complete, (U value=1.9-1.3 W/m<sup>2</sup> K, flame resistant, self extinguishing, leadfree) comprising uPVC multi-chambered frame having in-built uPVC roller trackon top and uPVC sash extruded profiles with wall thickness of 2.3mm (±0.2 mm)duly reinforced with G.I. section 1.6 mm (±0.2 mm), made from roll formingprocess of required length (shape &amp; size according to uPVC profile) whereverrequired. Profile of frame &amp; sash shall be mitred cut and fusion welded at allcorners, including drilling of holes for fixing hardware's and drainage of wateretc. After placing 5 mm Clear Annealed glass in the sash, appropriate dimensionuPVC extruded glazing bead, uPVC extruded interlock and uPVC extrudedInline sash adaptor (if required), EPDM gasket, wool pile, zinc alloy (whitepowder coated) handle with key on one side of extreme panels along with zincplated mild steel multi point locking having transmission gear with keeps andstainless steel (SS 304 grade) body with adjustable double nylon rollers(weightbearing capacity to be 120 kg). Door frame will be fixed to the wall with 100mmlong and 8mm dia. fasteners and necessary stainless steel screws etc. After fixingframe the gap between frame and adjacent finished wall shall be filled withweather proof silicon sealant over backer rod of required size, of approvedquality complete in all respect as per approved drawing &amp; direction of Engineerin-Charge. (Note: Profile manufacturer &amp; Door Manufacturer must be one &amp; same, Only manufacturer Waranty is aceptable)</p>				
	<p>b) 3 Track 3 Sash door frame of size 122 x 54 mm &amp; Sash of size 85 x 47 mm both having wall thickness of 2.3 ± 0.2 mm</p>	25	7779.00	Sqm	1,94,475.00



82	Supplying, fitting and fixing Stainless Steel railing consist of 38mm dia and 900mm height vertical balustrade at every two alternative steps, 50mm dia top rail, 3 (three) nos 19mm dia horizontal Stainless steel pipe and base/cover plate with Stainless Steel GRADE 304 containing 7.5% nickel (Interior Grade) Brushed/Mat finish, complete as per direction of the Engineer-in-charge. Weight of Stainless Steel railing per metre 6.5 Kg (approx)	60	5974.00	Mtr	3,58,440.00
83	Providing & fixing panelling with one side Decorative plywood having natural veneer of select wood on walls including corners of windows columns , column cladding etc. consisting of frame work with 50 mm x 25 mm size seasoned Sal wood @ 600 mm c/c ( approximately) bothways ( i.e horizontally and vertically) jointed rigidly with nails, screws etc. with wooden plugs fixed with cement mortar ( 1:3) and providing and fixing 6 mm thick BWR plywood (Greenply / Centuryply make) on top of the frame work and 4 mm thick one side decorative plywood veneers (Red oak/walnut/cherry/beechn/white oak/white ash/swedish/cidar/maple or other approved shade and texture of Greenply/ Centuryply make) of approved shade & texture to be pasted over the plywood with adhesive (Fevicol) without nailing in approved pattern. Finally the paneling will be finished with 25 mm x 100 mm teakwood skirting .The rate to also include cost of applying preservation treatment of timber for rot & termite proofing with wood preservative oil of Berger make fire proofing, finishing the exposed surface of timber with stained spirit polish to the desired colour and melamine finish of (Wood keeper of Berger make) melamine finish on decorative plywood, provision of extra frame work as necessary for skirting and making cutouts for electrical switch board, conduits etc. all as per drawing and direction of the Engineer in charge .	50	3000.00	Sqm	1,50,000.00

84	Supplying & laying as per IRC-SP:063-2004 paver unit of any shade of approved quality as per relevant IS code, laid in pattern as directed in pavement, footpath, driveway (paver block only), etc including necessary underlay complete in all respect with all labour and material. [Border concrete if necessary to be paid separately]. Note: Sub-grade CBR should not be less than 5. (c) 60 mm thick interlocking designer concrete paver block M- 35 grade for light-traffic zone,commercial & office complex,tourist resort as per IS: 15658-2006 (over 20-40 mm medium sand bed on 250mm thk WBM/ WMM base course & 250 mm thk bound gnaular /granular sub-base course including cost of sand for sand bed but excluding cost of base , sub-base course & subgrade preparation.) Coloured Decorative	30	1506.00	Sqm	45,180.00
				<b>2,52,64,900.87</b>	
	<b>Part-B</b>	<b>(Plumbing)</b>			
1	Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint. (ii) 630 mm X 450 mm size.	1.00	3260.00	Each	3,260.00

2	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. (a) Sink with drain board 1050mm X450mmX180mm  [Sec-A-V, (a) It. No.6(ii),P-38 ]	1.00	5006.00	Each	5,006.00
3	Supplying, fitting and fixing approved brand 32 mm dia. P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. (i) 1050 mm long.	7.00	91.00	Each	637.00
4	Supplying,fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia. 900 mm. long	7.00	147.00	Each	1,029.00
5	Supplying, fitting and fixing pillar cock of approved make. f) CP Pillar Cock with 200 mm extended Lever Handle (Equivalent to Code No. 5031 & Model - FLORENTINE of JAQUAR or similar brand).	7.00	1058.00	Each	7,406.00
6	Supplying, fitting and fixing PVC pipes of approved make of (medium duty) conforming to ASTM D - 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, elbow, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately). For Exposed Work PVC Pipes. (Dia)				
	(a) 15 mm	50.00	101.00	Mtr	5,050.00

	(b) 20 mm	80.00	129.00	Mtr	10,320.00
	(C) 25 mm	90.00	177.00	Mtr	15,930.00
	(d) 32 mm.	60.00	236.00	Mtr	14,160.00
	For Concealed Work				
	(Dia)				
	(i)15 mm	60.00	137.00	Mtr	8,220.00
	(ii)20 mm	70.00	158.00	Mtr	11,060.00
	(iii)25 mm	40.00	205.00	Mtr	8,200.00
7	Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only).				
	(i) 25mm dia.	8.00	778.00	Each	6,224.00
	(ii) 20mm. dia.	10.00	604.00	Each	6,040.00
	(iii) 15mm dia.	12.00	438.00	Each	5,256.00
8	Supplying, fitting and fixing bib cock or stop cock.				
	(i) Chromium plated Bib Cock with wall flange (Equivalent to Code No. 5047 & Model - Florentine of Jaquar or similar brand).	7.00	861.00	Each	6,027.00
	ii) Chromium plated concealed Stop Cock heavy duty (Equivalent to Code No. 5083 & Model - Florentine of Jaquar or similar brand).	12.00	953.00	Each	11,436.00
9	Supplying, fitting and fixing pillar cock of approved make. CP 2-way bib Cock - 15 mm, supplied, fitted and fixed. (Code No.5041 & Model - FLORENTINE of JAQUAR or similar brand).	8.00	1269.00	Each	10,152.00
10	Supplying, fitting and fixing Flat back urinal (half stall urinal) in white vitreous chinaware of approved make in position with brass screws on 75 mm X 75 mm X 75 mm wooden blocks complete. (i)590 mm X 390 mm X380 mm each	7.00	2869.00	Each	20,083.00
11	Supplying, fitting and fixing Squating plate with integral flushing in white vitreous chinaware of approved make in cement concrete (6:3:1) with jhama chips complete. (Payment of concrete will be paid seperately). (i) 450 mm X 350 mm	4.00	881.00	Each	3,524.00

12	Labour for fitting and fixing U.P.V.C. pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials, cutting pipes, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineer-in-charge. (Payment will be made on centre line measurement of the total pipeline including specials. Above ground				
	110mm dia.	120.00	57.00	Mtr	6,840.00
	Under ground				
	110 mm dia. [Sec-(B)-II(a)It.No.24(A)(ii)&(B)(ii),P-71]	60.00	85.00	Mtr	5,100.00
13	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 Single Socketed 3 Meter Length				
	110 mm	180.00	292.00	Mtr	52,560.00
	Fittings				
	Door Tee				
	110 mm	15.00	195.00	Each	2,925.00
	Bend 87.5°				
	110 mm	12.00	120.00	Each	1,440.00
	Plain Y				
	110 mm	10.00	206.00	Each	2,060.00
14	Supplying, fitting and fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I. specifications supported on fibre glass frame of any colour, frame size 550 mm X 400 mm.	7.00	613.00	Each	4,291.00
15	Supplying, fitting and fixing glass shelf with aluminium guard rails. (a) Ordinary type with 5.5 mm sheet glass. ii) 600 mm X 125 mm.	7.00	480.00	Each	3,360.00

16	Supplying, fitting and fixing towel rail with two brackets. (a) C.P. over brass (ii) 25 mm dia. and 750 mm long	12.00	475.00	Each	5,700.00
17	Supplying, fitting and fixing CPVC (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS-15778: 2007 . with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials.				
i	(I) For Exposed Work. CPVC Pipes Class-1, SDR-11.				
	(a) 20 mm	30.00	143.00	Mtr	4,290.00
	(b) 15 mm	15.00	106.00	Mtr	1,590.00
	(II)-For Concealed Work. CPVC Pipes Class-1, SDR-11.				
	(a) 20 mm	35.00	171.00	Mtr	5,985.00
	(b) 15 mm	20.00	140.00	Mtr	2,800.00
18	Ambiente Piazza Shower Enclosure 1200x900x1950mm Square/Rectangular Shape Glass Enclosure, 8mm tempered glass, brass water hole, Film in Glass, 1.2 aluminium Frame, Acrylic shower tray, Nano technology, sliding doors with designer handle. (509590)	4	28330.00	Each	1,13,320.00
19	Overhead shower "AQUAPLAY" Brass with Chrome Plating (Q503141520)	8	4830.00	Each	38,640.00
20	"Providing and fixing Tall Boy Basin mixture chrome finish, Jaquar (KUBIX, CQT-35009B) with all tools, tackles & labour complete in all respect as directed by EIC"	12	6340.00	Each	76,080.00
21	"Providing and fixing Pillar Cock Chrome Finish , Jaquar (OPAL, CQT-15001) with all tools, tackles & labour complete in all respect as directed by EIC"	12	1360.00	Each	16,320.00

22	"Providing and fixing Bib Cock chrome finish, Jaquar (OPAL, CQT-15037) with all tools,tackles & labour complete in all respect as directed by EIC"	12	1265.00	Each	15,180.00
23	"Providing and fixing Angular stop cock Chrome Finish, Jaquar (KUBIX, CQT-35053) with all tools,tackles & labour complete in all respect as directed by EIC"	12	1320.00	Each	15,840.00
24	"Providing and fixing Towel rack long Chrome Finish,Jaquar (CQT- 35781 ) with all tools,tackles & labour complete in all respect as directed by EIC"	12	2902.00	Each	34,824.00
25	"Providing and fixing WC Brush Holder Chrome Finish,Jaquar (CQT- 35743 ) with all tools,tackles & labour complete in all respect as directed by EIC"	8	1680.00	Each	13,440.00
26	"Providing and fixing Toilet Roll Holder with Flap , Jaquar (CQT-35753) with all tools,tackles & labour complete in all respect as directed by EIC"	6	1285.00	Each	7,710.00
27	"Providing and fixing bottle trap,chrome finish Jaquar (CQT- 769 ) with all tools,tackles & labour complete in all respect as directed by EIC"	7	1245.00	Each	8,715.00
28	"Providing and fixing Corner glass shelf,Jaquar (CQT- 1173 ) with all tools,tackles & labour complete in all respect as directed by EIC"	12	965.00	Each	11,580.00
29	"Providing and fixing waste coupling,Jaquar (CQT- 709 ) with all tools,tackles & labour complete in all respect as directed by EIC"	12	385.00	Each	4,620.00
30	"Providing and fixing soap dish holder chrome finish,Jaquar (CQT- 35731 ) with all tools,tackles & labour complete in all respect as directed by EIC"	12	835	Each	10,020.00
31	"Providing and fixing soap dispenser chrome finish,Jaquar (CQT- 1135N ) with all tools,tackles & labour complete in all respect as directed by EIC"	12	1082.00	Each	12,984.00
32	"Providing and fixing one piece water closet "KATHY-92053" ivory colour, Hindware italian collection with cistern, seat cover and all accessories, tools,tackles & labour etc complete in all respect as directed by EIC"	6	23200.00	Each	1,39,200.00

33	"Providing and fixing table top wash basin, "BLAMONT-10073" ivory colour, Hindware italian collection with all accessories, tools, tackles & labour etc. complete in all respect as directed by EIC"	6	4680.00	Each	28,080.00
34	"Providing and fixing Health Faucet , Jaquar (CQT-573) with all tools, tackles & labour complete in all respect as directed by EIC"	6	1330.00	Each	7,980.00
36	Supplying, fitting and fixing C.P. Extension Pipe.	6.00	106.00	Each	636.00
37	Supplying, fitting and fixing C.P. Wall Flange.	20.00	64.00	Each	1,280.00
38	Supplying, fitting and fixing pedestal of approved make for wash basin (white)	7.00	1497.00	Each	10,479.00
39	Supplying, fitting and fixing of BATH TUB 1800x920x400 mm) of Approved make or brand. (Model Code no. - B2520106 of CERA or Equivalent)	4	14200.00	Each	56,800.00
			<b>Part B Total=</b>		<b>8,81,689.00</b>
	<b>Part C (TUBE WELL)</b>				
1	Labour for boring tube well of required dia. by water jet system through any type of soil strata including hire and labour charges for boring pipes, scaffolding, tools and plants as necessary and taking out them and lowering pipes, strainers, blind pipe etc. and fitting and fixing the same complete including bucket washing and other incidental works in the connection. The tube well should have a minimum 50 mm gap in between the outside of the tubewell pipe and the bore.				
	For depth upto 150 metre for 50 mm dia. tube well with top enlargement of 100 mm dia. (i) 50 mm dia. boring etc.	100	287.00	Mtr	28,700.00
	100 mm dia. boring etc. top enlargement	40	426.00	Mtr	17,040.00
	For depth more than 150 metre for 50 mm dia. tube well with top enlargement of 100 mm dia. (i) 50 mm dia. boring etc. beyond 150 metre	150	216.00	Mtr	32,400.00
2	Supply of G. I. pipes of TATA make including necessary sockets				
	32 mm dia. Medium quality	35	256.00		8,960.00
	50 mm dia. Medium quality	250	402.00		1,00,500.00
	100 mm dia. Medium quality	40	830.00		33,200.00



3	Supplying brass-strainer with brass socket of approved make. (Heavy type) 50 mm dia.	10	1193.00	Mtr	11,930.00
4	Supplying, fitting and fixing plug of approved make conforming to I.S. specifications. 50 mm	1	71.00	Each	71.00
5	Supplying, fitting and fixing heavy type bell mouth reducing socket. (i) 50 mm X 100 mm	1	455.00	Each	455.00
6	Packing the annular space between the outside of the tube well pipes & strainers and the bore with pea size washed gravel of approved quality having size from 2 mm to 5 mm or the size approved by the Engineer-in-charge including cost of all materials labour and equipment complete. <b>Note:</b> Initial 6 m. of Annular space between the housing pipe and the bore should not be shrouded with Pea size gravel to avoid contamination with surface water.	5	2029.00	Cum	10,145.00
7	Packing annular space between the outside of the housing pipe and the bore with puddled clay balls of approved size as per direction of the Engineer-in-charge with cost of all materials and labour complete.	5	417.00	Cum	2,085.00
8	Washing and developing tube well with air compressor pump and engine for 8 (eight) hours continuous pumping per day with necessary arrangements for testing the yield in gallons per hour with 'V' notch including hire and labour charges for all tools and plants and scaffolding as required.	3	7538.00	Per Day	22,614.00
9	Supplying, fitting and fixing G.I. cap at top (i) 100 mm	1	139.00	Each	139.00

10	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted withholder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accesories, specials. Payment for painting will be made seperately) (A) For Exposed Work 32 mm dia. medium quality	12	355.00	Mtr	4,260.00
11	Collecting sample of water for bacteriological and chemical test from any depth at any time during execution of work including hire and labour charges for tools and plants and sterilising the equipments, paying all charges and fees, testing etc. complete in all respect as per direction.	1	1231.00	L.S	1,231.00
12	Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only). 32 mm dia	1	1160.00	Each	1,160.00
13	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (i)Depth of excavation not exceeding 1,500 mm.	1	11927.00	% Cum	119.27
14	(I) Cement concrete with graded stone ballast (40 mm size excluding shuttering) In ground floor (A) [Pakur Variety] (a) 1:3:6 proportion	1	5190.00	Cum	5190.00

15	Supply delivery and install one multistage 1 HP submersible pump Motor Set of Kirlosker make with 35mm of cable (1.5 sq.cm), discharge of pump should be 35 LPM total head- 35/45 meter clamp & necessary GI fittings with the following electrical equipments (Pump motor to be installed inside the housing pipe of 100 mm dia I/D )- (a) One electric main switch of approved make of 15 AMPS, SPIC / DPIC and (b) one DOL starter suitable for the pump with Ammeter and Voltmeter. Excluding cost of necessary G.I pipes and valves.	1	24683.00	Per Set	24683.00
			<b>Part C Total=</b>		<b>304882.27</b>
	<b>Total Part A + Part B + Part C=</b>				
					<b>2,64,51,472.14</b>
<b>Electrical</b>					
<b>Part-A Electrical Installation work</b>					
Sl No	Description of item	Qty	Unit rate(in Rs)	Unit	Total Value (in Rs)
1	Supplying & laying polythene pipe as necy under ceiling /beam ,bound with 22swg GI binding wire incl. supplying & drawing 1X18 swg GI Wire as fish wire inside the pipes & fittings & providing 50mm dia disc of MS sheet (20swg ) havinf colour paint at one face fastened at the load point end of the polythene pipe with fish wire (synchrozing with roof /beam casting work of building construction of 19 mm dia 3 mm thick polythene pipe	4000	36.00	RM	1,44,000
2	Cutting channel of 40 mm x 40 mm size on masonry wall incl. S&F heavy gauge polythene pipe dia as stated below, by means of iron hooks and supplying and drawing 18 SWG GI Wire as fish wire incl. mending good damages to building works.(19 mm dia 3 mm thick polythene pipe without earth continuity wire )	4000	87.00	RM	3,48,000

3	<p>Supply and Delivery of MAIN PANEL with IP-42/43 degree of protection, fabricated with atleast 2 mm. thick CRCA sheet steel over suitable size of angle iron frame for base channel. Incomer: 2 Nos - 250A, 4P MCCB (36 KA), 415V Thermal-Magnetic Release with Rotary Handle Operated Mechanism (RHOM), Spreader Link with electrical &amp; mechanical interlocking arrangement. Bus Coupler: 1 Nos - 250A, 4P MCCB (36 KA) Thermal-Magnetic Release with Rotary Handle Operated Mechanism (RHOM), Spreader Link with electrical &amp; mechanical interlocking arrangement. Outgoing: Two sections where each section has:</p> <p>(i) 125A, 415V, 25KA, FP, MCCB of Thermal-Magnetic Release with Rotary Handle Operated Mechanism (RHOM) and Spreader Link. – 3NO</p> <p>(ii) 63A, 415 V, 10 KA, FP, MCB--2NO</p> <p>(iii) 32A, 415 V, 10 KA, FP, MCB--2NO</p> <p>(iv) Electrolytic grade tinned copper bus bar of 50 mm x 6 mm x suitable length for each phase and Neutral.</p> <p>(v) Required nos. digital Ammeter &amp; Voltmeter, LED lamps for each phase, Selector switch including CT.</p> <p>Mechanical lock and key for 250A MCCB- 3nos. and 2 Nos. full threaded GI Bolts (M 10 x 40mm) alongwith G.I. Nuts &amp; washers are to be provided on two sides of the MAIN PANEL as Earth Stud.</p>	1	2,25,000.00	No	2,25,000.00
4	<p>Installation, Testing &amp; commissioning of above of MAIN PANELS on wall/Floor mounted, mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link &amp; provision for earthing attachment.</p>	1	10000.00	No	10,000.00

5	Supply and delivery of double door Vertical TPN MCB Main Distribution Board (8way)with IP-42/43 protection along with 100A, FP 415V, 25KA adjustable thermal and fixed magnet setting MCCB as Incomer and 6 nos. 40 amp, 415 volt, TP, 10KA, C-type MCB as outgoing by concealing in wall after cutting the wall & mending good the damages to original finish incl. interconnection with suitable size of copper wire , extended terminals/spreader link sets and neutral link & provision for earthing attachmentLocation	3	25000.00	No	75,000.00
6	Installation of the DB with suitable arrangement	3	5000.00	No	15,000.00
7	Supplying and Fixing double door Horizontal TPN MCB Power Distribution Board [Enclosure 4way] with IP-42/43 protection along with 40A, FP 415V, 10KA, C-type MCB as Incomer and 8 nos. 20-32 amp, 240 volt, SP 10KA, C-type MCB as outgoing by concealing in wall after cutting the wall & mending good the Damages to original finish incl. interconnection with suitable size of copper wire , extended terminals/spreader link sets and neutral link & provision for earthing attachment Location : for power/AC	5	15000.00	No.	75,000.00
8	Installation of the panel on raised platform	5	1000.00	No	5,000.00
9	Supply and delivery of 1.1 KV grade 3.5 core 150 sq.mm. XLPE insulated armoured aluminium cable comply to IS:7908(Part-1)/1988 or latest amendment if any.	50	1128.75	Mtrs.	56,437.50
10	Laying of cable 1.1 KV grade 3.5 core 150sq.mm. XLPE insulated armoured aluminium cable, in underground trench Location: (WBSECL supply to Main Panel )	50	172.00	Mtrs.	8,600.00
11	Termination of 3.5C ,150sq mm cable	2	731.00	Set.	1,462.00
12	Supply and delivery of 1.1 KV grade 3.5 core 70 sq.mm. XLPE insulated armoured aluminium cable comply to IS:7908(Part-1)/1988 or latest amendment if any.	150	624.00	Mtrs.	93,600.00
13	Laying of cable 3.5 core 70 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 2X 10 SWG GI (Hot Dip)Wire, making holes etc. as necy. mending good damages and painting. Location: (From Main panel to Vertical D.B& DG to main panel)	150	83.00	Mtrs.	12,450.00
14	Termination of 3.5C ,70 sq mm cable	16	169.00	Set.	2,704.00

15	Supply and delivery of 1.1 KV grade 4 core 10 sq.mm. XLPE insulated armoured aluminium cable comply to IS:7908(Part-1)/1988 or latest amendment if any.	100	195.75	Meter	19,575.00
16	Laying of the 4 C , 10 sqmm cable on wall	50	60.00	Meter	3,000.00
17	Laying of the 4 C , 10 sqmm cable in underground trench	50	162.00	Meter	8,100.00
18	Termination of the cable (for bollard & flood light)	15	199.00	No	2,985.00
19	Supply & Fixing 240 V, 25A Modular type socket, 25 A, Modular type starter (Brand approved by EIC) with 25A Modular switch type DP MCB (C-Curve) on GI modular type switchboardflushed in wall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc.	16	1047.00	No	16,752.00
20	Supply & Fixing 240 V, 16 A, 3 pin Modular type plug socket (Brand approved by EIC) with 16A Modular type switch, without plug top on 4 Module GI Modular type switch board with top cover plate flushed in wall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc	35	456.00	Nos	15,960.00
21	Distribution wiring of 1.1KV 2x 4 sq.mm. single core stranded 'FRLS' PVC insulated & unsheathed copper wire + 1x2.5 sq.mm. single core stranded 'FRLS' PVC insulated & unsheathed copper wire in prelaid conduit pipe/ GI fish wire and making necessary connection <b>for AC points</b>	500	95.00	RM	47,500.00
22	Distribution wiring of 1.1KV 2x 2.5 sq.mm. single core stranded 'FRLS' PVC insulated & unsheathed copper wire + 1x1.5 sq.mm. single core stranded 'FRLS' PVC insulated & unsheathed copper wire in prelaid conduit pipe/ GI fish wire and making necessary connection <b>for Circuit Wiring</b>	1500	65.00	RM	97,500.00
23	Distribution wiring in 1.1 KV grade 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1.1 KV grade 1 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire as ECC, to 6A 3 pin Modular type plug socket & switch (Brand approved by EIC) on 4 Module GI switch board with 3/4 Module top cover plate on wall incl. necy. connection making earthing attachment, painting and mending good damages to building works <b>(On board)</b>	25	216.00	No	5,400.00

24	Distribution wiring in 1.1 KV grade 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1.1 KV grade 1 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire as ECC, to 6A 3 pin Modular type plug socket & switch (Brand approved by EIC) on 4 Module GI switch board with 3/4 Module top cover plate on wall incl. necy. connection making earthing attachment, painting and mending good damages to building works <b>(Average run of 4.5 meter)</b>	25	633.00	No	15,825.00
25	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) partly in 20mm size PVC rigid conduit 'FR' (Precision make) <b>[for horizontal run &amp; above false ceiling portion only]</b> and in 19mm bore, 3mm thick polythene pipe [for vertical run embedded in wall], with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, to light/fan/call bell points with Modular type switch (Brand approved by EIC) fixed on Modular GI switch board complete with 2 no. suitable size "Ph & N" copper bar with top cover plate making earthing attachment fixed on wall incl. mending good damages to original finish. <b>[PVC Rigid Conduit only for horizontal run &amp; above false ceiling and vertical run concealed] for average run of 8 meter</b>	322	1100.00	Point	3,54,200.00
26	Distribution wiring of 1.1KV 2x 2.5 sq.mm. single core stranded 'FRLS' PVC insulated & unsheathed copper wire + 1x1.5 sq.mm. single core stranded 'FRLS' PVC insulated & unsheathed copper wire in prelaidd conduit pipe/ GI fish wire and making necessary connection <b>for 16A plug point</b>	2000	65.00	RM	1,30,000.00
27	Supply and delivery of round 12 W Warm White Slim fitted recess mounted LED luminaries similar to Havells make Octane LED panel round	30	821.6	No	24,648.00
28	Supply & delivery of 12W Warm White 2X2 recess mounted LED luminaries similar to Havells make Octane+led panel Square	12	821.6	No	9,859.2
29	Supply & delivery of 12W Warm White surface mounted LED luminaries similar to Havells make Trim cosmo Surface Round	70	755.2	No	52,864.00
30	Supply & delivery of 5W warm white LED Strip light for a chain of 5meter	20	1232	Chain	24,640.00
31	Supply & delivery of LED 2 W Led step lamp (16 for stair and 4 for bed room)	20	527.2	No	10,544.00

32	Supply of decorative LED wall light similar to Havells make Florentine WL 1LS (2 for each bed room)	8	1840.00	No	14,720.00
33	Supply & delivery of decorative LED wall mounting fixture similar to Havells make Glaze type (for verandah and lobby)	26	656.00	No	17,056.00
34	Supply & delivery of 5W/6W warm white LED MIRROR LAMP	12	1864.00	No	22,368.00
35	Fixing only lightg fitting on wall /ceiling by screws etc.	218	56.00	No	12,208.00
36	Supply and delivery of 9W LED lamp	20	240.00	No	4,800.00
37	Supply of pendent holder	20	20.00	No	400.00
38	Installation of the lamp in holder	20	5.00	No	100.00
39	Supply & delivery of 10W bollard garden light similar to Havells make TURIN	10	6182.00	No	61,820.00
40	Installation of the bollard on suitable foundation	10	1500.00	No	15,000.00
41	Supply and delivery of 200W LED flood light similar to Havells make JETA IRIS MAX	5	15888.00	No	79,440.00
42	Installation of the luminaries on the wall	5	214.00	No	1,070.00
43	Supply & delivery of Smart ceiling energy efficient 1200 mm sweep BLDC fans( for bed room, drawing,living & dining rooms)	30	2804.00	No	84,120.00
44	Supply of energy efficient 1200mm sweep ceiling fan	30	2244.00	No	67,320.00
45	Supply & delivery of modular regulator	60	67.00	No	4,020.00
46	Fixing only ceiling fan complete with blades, canopy, fork, regulator rubber bush etc. incl. S&F connecting wire for down rod upto 30 cm incl. and making necessary connection as required by 2x1.5 sqmm flexible copper wire	60	66.00	No	3,960.00
47	Supply & delivery of 400 mm sweep high speed wall fan	6	2161.00	No	12,966.00
48	Fixing only cabin fan on wall/ceiling by S&F rag bolts, nuts & washers (6 mm dia x 62 mm long) or as reqd. incl. S&F 24/0.20 PVC insulated flexible copper wire 0.5 mt. length	6	92.00	No	552.00
49	Supply & delivery of heavy duty refresh air exhaust of 150 mm sweep for toilet	14	1082.00	No	15,148.00
50	Supply & delivery of 300 mm sweep heavy duty exhaust fan for Kitchen,pantry & gas bank	6	1540.00	No	9,240.00
51	Fixing only exhaust fan after making hole in wall and making good damages and smooth cement finish etc. as practicable as possible and providing necy. length of PVC insulated wire and making connection for exhaust	20	329.00	No	6,580.00



52	Supplying & Fixing 240 V AC/DC superior type Ding-Dong Call Bell (Anchor) on HW board incl. S&F HW board	8	173.00	No	1,384.00
53	Supply & Fixing TV/Telephone socket RJ11 (Brand approved by EIC) on 100x100x65mm sheet metal switch board incl. S&F MS board with bakelite/perspex top cover by screw after making housing for regulator knob by cutting bakelite/perspex top cover incl. making necy. connections etc	16	156.00	No	2,496.00
54	Supply & delivery of 5 litre Geyser	6	6056.00	No	36,336.00
55	Installation of the geysers with necessary connections	6	1500.00	No	9,000.00
56	Earthing with 50mm dia 3 m long GI pipe and then providing masonry enclosure with treatment of soil with salt and charcoal	6	3030.00	Nos	18,180.00
57	Supply and fixing earth bus bar of galvanized MS flat of dimension 25mm X 6mm	2	156.00	M	312.00
58	Interconnection of the earth pit and connecting the earth bus from earth pit by 25mm X 6mm Galvanised MS flat	100	138.00	M	13,800.00
59	Connecting the DBs & sub DBs to earth bus bar including S&F GI wire with 8 SWG GI wire .	200	9.00	M	1,800.00
<b>Total 24,27,801.70</b>					
<b>Air Conditioning Part</b>					
60	Supply & delivery of 2 T Split, Inverter type room air conditioner.	16	56,000.00	Nos.	8,96,000.00
61	Installation & commissioning of above 2 T Split, Inverter type room air conditioner with outdoor support.	16	2325.00	Nos.	37,200.00
62	Supply & installation of M.S. Bracket for holding ODUs for split, inverter type AC.	16	800.00	Nos.	12,800.00
63	Supply and fixing Copper refrigerant pipe exceeding 3 mtr. for each split AC.	30	589.00	RM.	17,670.00
64	Supply & fixing of flexible Water drainage pipe	30	70.00	RM.	2,100.00
65	Supply & fixing of 3/4 inch rigid PVC water pipe for drainage incl. nec. accessories as per siterequirement.	50	40.00	RM.	2,000.00
66	Supply & laying of 3C 4 sq. mm. round CTS PVC insulated electric Copper wire.	150	60.00	Mtr.	9,000.00
67	Supply & fixing 15 A plug top for AC Machines	16	80.00	Nos.	1,280.00
<b>DG Installation Part</b>					
68	Supply of 62.5 kva DIESEL GENERATOR SET WITH ACOUSTIC ENCLOSURE INCLUDING MF PANEL	1	6,12,000.00	No.	6,12,000.00
69	EXHAUST SYSTEM :				

70	150 mm dia MS 5.20 mm thick Horizontal & Vertical Exhaust pipe complete with bends and flanges along with Thermal Insulation on above pipe with Mineral Wool 50mm Thick wire mesh and 26 gauge aluminum cladding considering wall support	30	8453.00	Mtrs.	2,53,590.00
71	MS Self Support structure for 1 no.250 KVA DG Set.	25	95.00	Kgs.	2,375.00
<b>Smoke Detector and Fire Alarm Part</b>					
72	Supply of 32 bit microprocessor based <b>100% Hot Redundant</b> Intelligent Addressable Fire Alarm Control panel with <b>2 loops</b> with battery back up. The panel shall be <b>networkable &amp; expandable upto 06</b> loops w/o changing the cabinet. The control panel, batteries, battery charger etc, shall be Vds approved and as per EN-54 standard. The panel would be modular, decentralized, with <b>100% hot redundancy in cpu/master control unit, 100% hot redundancy in loop cards, relay and interface card by means of duplicated electronics, means, hardware redundancy with full functionality.</b> The panel shall be consisting with minimum 240 character LCD display and <b>TCP/IP</b> for networking. The Panel would be able to record atleast 60,000 events history. Each loop would be capable to have atleast 250 addressable detectors and addressable devices with up to <b>3.5km loop length.</b>	1	2,64,450.00	No	2,64,450.00
73	Installation, testing & commissioning of above Addressable Fire Alarm Control panel in all respect as required at site.	1	25,000.00	No	25,000.00
74	Supply of Addressable type multi criteria(Smoke cum Heat) detector with base for use as heat or smoke or combined both with automatic electronic addressing, microprocessor type with built-in integrated short circuit isolator	40	3,250.00	No	1,30,000.00
75	Installation, testing & commissioning of above multi criteriadetector in all respect as required at site.	40	350.00	No	14,000.00
76	Supply of Addressable manual call point having inbuilt short circuit isolator	4	6,540.00	No	26,160.00
77	Installation, testing & commissioning of above Addressable manual call point in all respect as required at site.	4	350.00	No	1,400.00
78	Supply of Addressable Loop Powered multi tone sounder with integrated short circuit isolator & having operating temperature -10°C to + 55°C	4	7,250.00	No	29,000.00

79	Installation, testing & commissioning of above Loop Powered multi tone sounder in all respect as required at site.	4	350.00	No	1,400.00
80	Supply of Response Indicator	40	95.00	No	3,800.00
81	Installation, testing & commissioning of above Response Indicator in all respect as required at site.	40	50.00	No	2,000.00
82	Supply of Analogue Addressable Control/ monitor module with IP66 casing with in-built short circuit isolator. The ambient temperature range shall be - 20C to +60C.	Nos.	5,000.00	1	5,000.00
83	Installation, testing & commissioning of above Analogue Addressable Control/ monitor module in all respect as required at site.	Nos.	184.00	1	184.00
84	Supply of Metal Junction Box for mounting of detectors / devices etc.	Nos.	90.00	10	900.00
85	Installation of above Metal Junction Box in all respect as required at site.	Nos.	50.00	10	500.00
86	Supply of 2x1.5 sq.mm. FRLS copper armoured cable.	Mtrs.	75.00	800	60,000.00
87	Laying of above cable in suitable size PVC rigid Conduit pipe incl. S&F of PVC rigid Conduit pipe & its accessories.	Mtrs.	31.00	800	24,800.00
					48,62,410.70

**Total Amount =Rs.3,13,13,883.14, /-( Rupees three crore thirteen thousand eight hundred eighty three and paise fourteen only)**

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

**price not to be quoted here**

(a)... %

(in figures)

Below par (-) Rs.

.....Percent

(in words)

(b).....

At par

NIL

(c)%

(in figures)

Above par (+) Rs.

..... Percent (in words)

**Total Tendered Amount: Rs.** \_\_\_\_\_

Total tendered amount (in words.....

.....

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

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

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

Date:

(Signature of Tenderer)

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

Witness: -

(Name in block letters) Address:

Occupation:

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

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

I/We \_\_\_\_\_  
\_\_\_\_\_ having examined the site of work, inspected the Drawings and read the specifications, General & Special Conditions of Contract and Conditions of the Tender, hereby tender and undertake to execute and complete all the works required to be performed in accordance with the Specification, Bill of Quantities, General & Special Conditions of Contract and Drawings prepared by or on behalf of the Trustees and at the rates & prices set out in the annexed Bill of Quantities within **12(Twelve) Months** from the date of order to commence the work and in the event of our tender being accepted in full or in part. I / We also undertake to enter into a Contract Agreement in the form hereto annexed with such alterations or additions thereto which may be necessary to give effect to the acceptance of the Tender and incorporating such Specification, Bill of Quantities, Drawing and Special & General Conditions of Contract and I / We hereby agree that until such Contract Agreement is executed the said Specification, Bill of Quantities, Conditions of Contract and the Tender, together with the acceptance thereof in writing by or on behalf of the Trustees shall be the Contract.

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

(Repeat in words) \_\_\_\_\_ **Not to mention here**

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

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

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

Dated:

(Signature of Bidder with Seal)

Name of the Bidder: -

Address: -

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

**GENERAL CONDITIONS OF CONTRACT**  
**FORMS AND AGREEMENTS**

**SANCTIONED BY TRUSTEES UNDER**  
**RESOLUTION NO. 92**  
**OF**

**THE 6<sup>TH</sup> MEETING HELD ON 27<sup>TH</sup> MAY, 1993.**

**(Copy of Booklet Published on May, 1993)**

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

## **CLAU SE**

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

## **1. DEFINITIONS**

In the contract, as hereinafter defined, the following words and expressions shall have the meaning hereinafter assigned to them, except where the context otherwise requires.

**"Employer"** or "Board" or "Trustees" means the Board of Trustees for the Port of Kolkata, a body corporate under Section 3 of the Major Port Trust Act, 1963, including their successors, representatives and assigns.

**"Chairman"** means the Chairman of the Board and includes the person appointed to act in his place under Sections 14 and 14A of the Major Port Trusts Act, 1963.

**"Contractor"** means the person or persons; Firm or Company whose tender  
/offer has been accepted by the Trustees and includes the Contractor's  
representative's heirs, successor and assigns, if any permitted by the Board /  
Chairman.

**"Engineer"** means the Board's official who has invited the tender on its behalf and includes the Chief Engineer, the Chief Mechanical Engineer, the Senior Executive Engineer the Chief Hydraulic Engineer, the Deputy Chief Engineer, the Deputy Chief Mechanical Engineer, the Senior Resident Engineer, The Manager (Infrastructure & Civic Facilities), the Manager (Plant & Equipment) the Deputy Manager ( Infrastructure & Civic Facilities) and the Deputy Manager (Plant & Equipment), or other official as may be appointed from time to time by the employer, with written notification to the Contractor, to act as Engineer for the purpose of the contract, in place of the "Engineer" so designated.

**"Engineer's Representative"** means any subordinate Engineer or Assistant to the Engineer or any other official appointed from time to time by the Engineer to perform the duties set forth in Clauses 2.4 to 2.6 hereof.

**"Work"** means the Work to be executed in accordance with the Contract and includes authorized "Extra Works" and "Excess Works" and Temporary Works.

**"Temporary Works"** means all temporary works of every kind required in or about the execution, completion or maintenance of the works and includes (without thereby limiting the foregoing definitions) all temporary erections, scaffolding, ladders, timbering, soaking vats, site offices, cement and other godowns, platforms and bins for stacking building materials, gantries, temporary tracks and roads, temporary culverts and mixing platforms.

**"Extra Works"** means those works required by the Engineer for completion of the Contract which were not specifically and separately included in the schedule of items of works (i.e., Bills of Quantities) of the tender. "Excess Works" means the required quantities of work in excess of the provision made against any item of the Bill of Quantities.

**"Specifications"** means the relevant and appropriate Bureau of Indian Standard's Specifications (latest revisions) for materials and workmanship unless stated otherwise in the Tender.



**"Drawings"** means the drawings referred to in the Tender and specification and any modification of such drawings approved in writing by the Engineer and such other drawings as may from time to time be furnished or approved in writing by the Engineer.

**"Contract"** means and includes the General and Special Conditions of Contract, Specifications, Drawings, priced Bill of Quantities, the Tender/ Offer, the letter of acceptance of the Tender/Offer, the Contract Agreement if separately entered into and the Schedule of Rates and Price, if any, adopted by the Trustees at their discretion.

**"Constructional Plant"** means all appliances or things of whatsoever nature required in or about the execution, completion or maintenance of the works or temporary works and includes (without thereby limiting the foregoing definition) all machinery and tools but does not include materials or other things intended to form or forming part of the permanent work.

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

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

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

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

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

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

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

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

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

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

The Engineer shall have full power and authority

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

The Engineer's representative shall:

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

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

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

Provided also as follows:

- (a) Failure of Engineer's Representative to disapprove any work or materials shall not prejudice the power of the Engineer thereafter to disapprove such work or materials and to order the pulling down, removal, breaking-up thereof and re- construction at the contractor's cost and the contractor shall have no claim to compensation for the loss sustained by him.
- (b) If the contractor shall be dissatisfied by reason of any decision of the Engineer's Representative, he shall be entitled to refer the matter to the Engineer who shall there upon confirm, reverse or vary such decision.
- (c) Any written instructions or written approval given by the Engineer's Representative to the contractor, within the terms of delegation of power and authority vested in Engineer to his Representative in writing shall bind the contractor and the Trustees as though it had been given by the Engineer, who may from time to time make such delegation. Contractor and the Trustees as though it had been given by the Engineer, who may from time to time, make such delegation.

### **3. THE TENDER / OFFER AND ITS PRE-REQUISITES**

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

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

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

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

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

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

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

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

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

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

Value of Work	% of Security Deposit for works contract	% of Security Deposit for Contract of supplying materials and equipments only
For works up to Rs. 10,00,000/-	10% (Ten percent )	1% ( One percent )
For works costing more than Rs.10,00,000/- and up to Rs.20,00,000/-	10% on first Rs. 10,00,000/- + 7½ % on the balance	1% on first Rs.10,00,000/- +1/2% on the balance
For works costing more than Rs.20,00,000/-	10% on first Rs. 10,00,000/- + 7½ % on next Rs.10,00,000/- + 5% on the balance	1% on first Rs.10,00,000/- +1/2% on next Rs.10,00,000/- + 1/4% on the balance

- (h) Balance Security for Contract of supplying materials and equipment computed in terms of the percentages given above, shall have to be deposited with the trustees' Treasurer in advance and within 30 days from the date of placement of supply order, either in cash or by A/c. Payee Draft of a Nationalized Bank of India drawn in favour of Kolkata Port Trust and payable at Kolkata / Haldia, as the case may be.
- (i) No interest shall be paid by the trustees to the Tenderer / Contractor on the amount of Earnest Money / Security Deposit held by the Trustees, at any stage.
- (i) The Security Deposit shall be refunded to the Contractor in terms of Clause 9.3 hereinafter and subject to deduction, if any, under the provision of Sub- Clause 3.5(ii) herein below. If, however, the contract provides for any maintenance period, 50% of the Security Deposit may be refunded against any of the Treasury Receipt for that amount on expiry of half of the

maintenance period and the balance deposit on the said maintenance period and after the Engineer has certified the final completion of work in form G.C.2 and the Contractor has submitted his "No Claim" Certificate in form G.C.3.

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

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

Every Tenderer / bidder shall submit in respect of a tender value of more than Rs. 5 crores, along with their tender comprising Special Conditions of Contract, General Conditions of Contract, BOQ, Earnest Money, etc., a document called **Integrity Pact Agreement** duly signed by their authorized representative. The proforma of the Integrity Pact Agreement shall as specified in the G.C.C. In case of tender value more than Rs. 5 crores, the Integrity Pact Agreement is an essential part and parcel of the bid document to be submitted by each tenderer, without which the tender shall not be considered.

#### **4. THE CONTRACT & GENERAL OBLIGATIONS OF CONTRACTOR**

##### **4.1.**

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

After acceptance of his Tender / Offer and when called upon to do so by the Engineer or his representative, the Contractor shall, at his own expense, enter

into and execute a Contract Agreement to be prepared by him in the form annexed hereto. Until such Contract Agreement is executed the other documents referred to in the definition of the term "Contract" here-in- before shall collectively be the Contract.

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

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

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

The Contractor shall not directly or indirectly transfer, assign or sublet the Contract or any part thereof without the written permission of the engineer. Even if such permission be granted, the Contractor shall remain responsible (a) for the acts, defaults and neglect of any sub-contractor, his agents servants or workmen as fully as if these were the acts, defaults or neglects of the Contractor himself or his agents, servants or workmen, and (b) for his full and entire responsibility of the contract and for active superintendence of the works by him despite being sublet, provided always that the provision of labourers on a "piece rate" basis shall not be deemed to be subletting under this clause.

Unless otherwise specified, the Contractor shall be deemed to have included in his Tender / Offer all his cost for supplying and providing all constructional plant, temporary work, materials both for temporary and permanent works, labour including supervision thereof transporting to and from the site and in and about the work, including loading, unloading, fencing, watching, lighting, payment of fees, taxes and duties to the appropriate authorities and other things of every kind required for the construction, erection, completion and maintenance of the work.

The Contractor shall be solely responsible for the adequacy, stability and safety of all site operations and methods of construction, even if any prior approval thereto has been taken from the Engineer or his Representative. The Contractor shall not be responsible for the correctness of the design or specification of the Temporary and Permanent works formulated by the Engineer; but the contractor shall be fully responsible for the correct implementation thereof as also for any design and specification prepared / proposed / used by the Contractor.

Whenever required by the Engineer or his Representative, the Contractor shall submit to him the details of his (a) programme for execution of the work, (b)

proposed procedure and methods of work, (c) proposed deployment of plant, equipment labour, materials and temporary works. The submission to and/ or any approval by the Engineer or his Representative to any such programme or particulars, shall not relieve the Contractor of any of his obligations under the contract. If for any reason the contractor be unable to adhere to his earlier programme, he shall submit his revised programme for completion of work within the stipulated time whenever asked to do so.

Necessary and adequate supervision shall be provided by the Contractor during execution of the works and as long thereafter as the Engineer or his Representative shall consider necessary during the maintenance period. The Contractor or his competent and authorised agent or representative shall be constantly at site and instructions given to him by the Engineer or his Representative in writing shall be binding upon the Contractor subject to limitation in clause 2.5 hereof. The Contractor shall inform the Engineer or his Representative in writing about such representative / agent of his at site.

The Contractor shall employ in execution of the Contract only qualified, careful and experienced persons and the Engineer shall be at liberty to direct the Contractor to stop deployment of any of his staff, workmen or official at site and the Contractor shall within 48 hours comply with such instruction without any demur, whenever the Engineer shall feel that the deployment of the person concerned will not be conducive to the proper and timely completion of the work.

The Contractor shall be responsible for the true and proper setting-out of the works in relation to reference points/lines/levels given by the Engineer in writing. The checking of any setting-out or of any alignment or level by the Engineer or his Representative shall not in any way relieve the contractor of his responsibility for the correctness thereof and he shall fully provide, protect and preserve all stakes, templates, bench marks, sight rails, pegs, level marks, profile marks and other things used in setting-out the works.

From the commencement of the works till issue of the completion certificate in Form G.C.1, vide Clause 5.12 hereof, the contractor shall take full responsibility for the care thereof. Save for the excepted risks, any damage, loss or injury to the work or any part thereof shall be made good by the Contractor at his down cost as per instruction and to the satisfaction of the Engineer, failing which the Engineer or his Representative may cause the same to be made good by any other agency and the expenses incurred and certified by the Engineer, shall be recoverable from the Contractor in whatever manner the Engineer shall deem proper. This Clause will not apply to that part of the work, which might have been taken over by the Trustees on partial completion of the work and in such case the Contractor's obligation will be limited to repairs and replacement for manufacturing or construction defects during the Maintenance period (Guarantee Period) as per the directions of the Engineer as also for defects/ damages if any caused to the work by the Contractor during such repairs and replacement in the maintenance period.

The Contractor shall at his own cost protect, support and take all precautions in regard to the personnel or structure or services or properties belonging to the Trustees or not, which may be interfered with or affected or disturbed or endangered and shall indemnify and keep indemnified the Trustees



against claim for injury, loss or damage caused by the Contractor in connection with the execution and maintenance of the work to the aforesaid properties, structures and services and/ or to any person including the Contractor's workmen. Cost of Insurance Cover, if any, taken by the Contractor shall not be reimbursed by the Trustees, unless otherwise stipulated in the Contract.

The Contractor shall immediately inform the Engineer's Representative if any fossil, coins, articles of value or antiquity and structures and other remains or things of geological or archaeological importance be discovered at site which shall remain the property of the Trustees and protect them from being damaged by his workmen and arrange for disposal of them at the Trustees expense as per the instruction of the Engineer's Representative.

The Contractor shall be deemed to have indemnified the Trustees against all claims, demands, actions and proceedings and all costs arising there from on account of:

- (a) Infringement of any patent right, design, trade-mark, or name or other protected right, in connection with the works or temporary work.
- (b) Payment of all royalties, rent, toll charges, local taxes, other payments or compensation, if any, for getting all materials and equipment required for the work.
- (c) Unauthorized obstruction or nuisance caused by the Contractor in respect of Public or Private road, railway tracks, footpaths, crane tracks, waterways, quays and other properties belonging to the Trustees or any other person.
- (d) Damage / injury caused to any highway and bridge on account of the movement of Contractor's plants and materials in connection with the work
- (e) Pollution of waterway and damage caused to river, lock, sea-wall or other structure related to waterway, in transporting contractor's plants and materials.
- (f) The Contractor's default in affording all reasonable facilities and accommodation as per the direction of the Engineer or his Representative to the workmen of the Trustees and other agencies employed by or with the permission and / or knowledge of the Trustees on or near the site of work.

Debris and materials, if obtained by demolishing any properly, building or structure in terms of the Contract shall remain the property of the Trustees.

The Contractor's quoted rates shall be deemed to have been inclusive of the following:

- (a) Keeping the site free of unnecessary obstruction and removal from site of constructional plant wreckage, rubbish, surplus earth or temporary works no longer required.
- (b) Cleaning and removal from site the entire surplus materials of every kind to leave the site clean and tidy after completion of the work, without which payment against final bill may be liable to be withheld.
- (c) Precautionary measures to secure efficient protection of Docks, the River Hooghly and other waterways against pollution of whatever nature during execution and maintenance of the works, and to prevent rubbish, refuse and

other materials from being thrown into the water by the Contractor's men or those of his agency.

- (d) Making arrangements for deployment of all labourers and workers, local or otherwise including payment for their wages, transport, accommodation, medical and all other statutory benefits and entry permits, wherever necessary.
- (e) Making arrangements in or around the site, as per the requirements of Kolkata Municipal Corporation or other local authority or the Engineer or his Representative, for preventing (i) spread of any infectious disease like smallpox, cholera, plague or malaria by taking effective actions for destruction of rats, mice, vermin, mosquitoes etc. and by maintaining healthy and sanitary condition, (ii) illegal storage and distribution of Drugs, Narcotics, Alcoholic liquor, Arms and Ammunitions, (iii) unlawful, riotous or disorderly conduct of the Contractor's or his Sub-Contractor's workmen,  
(iv) deployment of workmen of age less than 16 years.

Every direction or notice to be given to the Contractor shall be deemed to have been duly served on or received by the Contractor, if the same is posted or sent by hand to the address given in the tender or to the Contractor's Site Office or in case of Trustee's enlisted Contractor to the address as appearing in the trustee's Register or to the Registered Office of the Contractor. The time mentioned in these conditions for doing any act after direction or notice shall be reckoned from the time of such posting or dispatch.

The Contractor and his sub-contractor or their agents and men and any firm supplying plant, materials, and equipment shall not publish or caused to be published any photographs or description of the works without the prior authority of the Engineer in writing.

The Contractor shall, at the Trustees' cost to be decided by the Engineer, render all reasonable facilities and Co-operation as per direction of the Engineer or his representative to any other Contractor engaged by the Trustees and their workmen, to the Trustees' own staff and to the men of other Public Body on or near the site of work and in default, the contractor shall be liable to the trustees for any delay or expense incurred by reason of such default.

The work has to be carried out by the Contractor causing the minimum of hindrance for any maritime traffic or surface traffic.

All constructional plants, temporary works and materials when brought to the site by the contractor, shall be deemed to be the property of the Trustees who will have a lien on the same until the satisfactory completion of the work and shall only be removed from the site in part or in full with the written permission of the Engineer or his Representative.

## **5. COMMENCEMENT, EXECUTION AND COMPLETION OF WORK**

The contractor shall commence the work within 7 days of the receipt of Engineer's letter informing acceptance of the Contractor's tender / offer by the Trustees or within such preliminary time as mentioned by the contractor in the

Form of Tender or the time accepted by the Trustees. The contractor shall then proceed with the work with due expedition and without delay, except as may be expressly sanctioned or ordered by the Engineer or his Representatives, time being deemed the essence of the contract on the part of the Contractor.

The Contractor shall provide and maintain a suitable office at or near the site, to which the Engineer's Representative may send communications and instructions for use of the Contractor.

Unless specified otherwise in the contract or prior permission of the Engineer has been taken, the contractor shall not execute the work beyond the working hours observed by the Engineer's Representative and on Sundays and Holidays observed in the trustees system, except in so far as it becomes essential on account of tidal work or for safety of the work. If the progress of the work lags behind schedule or the work has been endangered by any act or neglect on the part of the contractor, then the Engineer or his Representative shall order and the contractor at his own expense shall work by day and by night and on Sundays and Public Holidays. Any failure of the Engineer or his Representative to pass such an order shall not relieve the contractor from any of his obligations. The Engineer's decision in this regard shall be final, binding and conclusive.

Unless stipulated otherwise in the contract, all materials required for the work shall be procured and supplied by the contractor with the approval of the Engineer or his Representative and subject to subsequent testing as may be required by the Engineer or his Representative. The engineer shall exercise his sole discretion to accept any such materials.

Unless stipulated otherwise, in the contract, all materials, workmanship method of measurement shall be in accordance with the relevant Codes (Latest Revision) of the Bureau of Indian Standards and the written instructions of the Engineer or his Representative. Where no specific reference is available in the contract, the materials and workmanship shall be of the best of their respective kinds to the satisfaction of the Engineer.

Samples shall be prepared and submitted for approval of the Engineer or his Representative, whenever required to do so, all at the contractor's cost.

Unless stipulated otherwise in the contract, the cost of any test required by the Engineer or his representative in respect of materials and workmanship deployed on the work shall be borne by the contractor.

Regarding the supply of any materials by the Trustees to the contractor in accordance with the contract, the following conditions shall apply:

- (a) The contractor shall, at his own expense, arrange for transporting the materials from the Trustees' Stores, watching, storing and keeping them in his safe custody, furnishing of statement of consumption thereof in the manner required by the Engineer or his representative, return of surplus and empty container to the Trustees' Stores as per the direction of the Engineer or his Representative.
- (b) Being the custodian of the Trustees' materials, the contractor shall remain solely responsible for any such materials issued to him and for any loss or damage thereof for any reason other than "Excepted Risks", the contractor

shall compensate the Trustees' in the manner decided by the Engineer and shall at no stage remove or cause to be removed any such material from the site without his permission.

- (c) The Trustees' materials will generally be supplied in stages and in accordance with the rate of progress of work, but, except for grant of suitable extension of completion time of work as decided by the Engineer, the contractor shall not be entitled to any other compensation, monetary or otherwise, for any delay in the supply of Trustees' materials to him. The Contractor shall, however communicate his requirement of such materials to the Engineer from time to time.

(d) Unless stipulated otherwise in the contract, the value of the Trustees' materials issued to the contractor shall be recovered from the Contractor's bills and / or any of his other dues. Progressively according to the consumption thereof on the work and / or in the manner decided by the Engineer or his Representative and at the rate / stipulated in the contract. These rates shall only be considered by the contractor in the preparation of his tender / offer and these will form the basis of escalation / variation, if in future the contractor is required to procure and provide any such material on the written order of the

Engineer consequent on the Trustees' failure to affect timely supply thereof.

- (e) If the Engineer decides that due to the contractor's negligence, and of the Trustees' materials issued to the contractor has been – (i) last or damaged, (ii) consumed in excess of requirement, and (iii) wasted by the contractor in excess of normal wastage, then the value thereof shall be recovered from the contractor's bills or from any of his other dues, after adding 19.25% extra over the higher one of the following:

1. The issue rate of the materials at the Trustees' Stores, and
2. The market price of the material on the date of issue as would be determined by the Engineer.

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

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

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

Otherwise provide for in the contract, or

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

If at any time before or after commencement of the work the Trustees do not require the whole of the work tendered for, the Engineer shall notify the same to the contractor in writing and the contractor shall stop further works in compliance of the same. The Contractor shall not be entitled to any claim for compensation for underived profit or for such premature stoppage of work or on account of curtailment of the originally intended work by reason of alteration made by the Engineer in the original specifications, drawings, designs and instruction.

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

## **6. TERMS OF PAYMENT:**

No Sum shall be considered as earned by or due to the Contractor in respect of the work till final and satisfactory completion thereof and until a certificate of final completion in Form G.C.2 has been given by the Engineer. On account payments, if any, made prior to issue of the certificate in Form G.C.2, shall all be treated as mere advances, which shall stand recoverable in full or in part, if the Engineer so decides in the context of Contractor's unfulfilled contract condition, if any.

All payments shall be made to the Contractor on the basis of measurement of actual work done, as recorded in the Trustees' measurement books and at accepted tendered or at agreed rates, as the case may be except as otherwise provided in the contract and when the Engineer decided any other rate for change in the scope of work or omission, if any, on the part of the Contractor.

For work of sanctioned tender value more than Rs. 50,000/- or having an initially stipulated completion period of 4 months or more, on account payments may be made at the discretion of the Engineer or his Representative at intervals deemed suitable and justified by him. Provided always that, subject to execution of work of substantial value in the context of the contract price, the interval of such on account payments shall be decided by the Engineer or his Representative, which shall ordinarily not be less than 1 month in between two payments for on account bill and / or advance.

Measurement for works done shall be progressively taken by the Engineer's Representative and entered in the Trustees' Measurement Book, at intervals deemed suitable and proper by him and / or the Engineer. The Contractor or his duly accredited Representative or Agent shall remain present at the time of such measurement and assist the Engineer's Representative in every manner required by him. After the measurements taken have been entered in the Measurement Book, the Contractor or his Agent shall sign the Measurement Book at the end of such Measurements over the Contractor's Rubber Stamp as a taken of acceptance of all such measurements, recorded above and prior to such signature. If the Contractor or his Agent fails to participate even after 3 days written notice from the Engineer's Representative the measurement shall be taken ex-parte by the Engineer's representative and those shall be accepted by the Contractor.

Based on the quantum of work and the value thereof computed in the Measurement Book, the Contractor shall type out his bill in the proforma approved by the Engineer and submit the same to the Engineer's Representative in quadruplicate, duly signed by him or his accredited Agent over his Rubber Stamp. The Engineer or his Representative may, in his absolute discretion, allow advance payment against such bill to the extent of an amount not exceeding 75% of the "net payable" sum of the said bill, subject to adjustment thereof against the bill at the time of checking and auditing the bill at the Trustees' end. The measurement Book will not be handed over to the Contractor; but he will obtain the abstracts of quantities, amount and recoveries to type out the bill.

At the discretion of the Engineer or his Representative and only in respect of accepted offers/ where estimated amount put to tender would be Rs. 2,00,000/- or more, advance payment may be made to the extent of 75% of the value of any material purchased and brought to the site by the Contractor. Provided always that:

i.

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

ii. The value of such materials shall be assessed by the Engineer or his Representative, at their own discretion.

iii. A formal agreement has been drawn up with the contractor, under which the Trustees secure a lien on the contractor's materials.

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

No Certificate of the Engineer or his Representative shall protect the Contractor against or prevent the Trustees from obtaining repayment from the Contractor, in case the Engineer or his Representative should over certify for payment or the Trustees should over- pay the Contractor on any account.

No claim for interest shall be admissible to the Contractor at any stage and in respect of any money or balance or Bank Guarantee, which may be due to the Contractor from the Trustees, owing to dispute or otherwise or for any delay on the part of the Trustees in making interim or final payment or otherwise.

## **7. VARIATION AND ITS VALUATION:**

The Quantities set out in the Bill of Quantities of the tender shall be treated as estimated quantities of the work and shall never be deemed as actual or correct quantities of the works to be executed by the contractor in fulfillment of his obligation under the contract.

The Engineer shall have the power to order the Contractor in writing to make any variation of the Quantity, quantity or form of the works or any part thereof that may, in his opinion, be necessary and the Contractor upon receipt of such an order shall act as follows:

- a) Increase or decrease the quantity of any work included in the contract.
- b) Omit any work included in the contract.
- c) Change the Character or quality or kind of any work included in the contract.
- d) Change the levels, lines, position and dimensions of any part of the work, and
- e) Execute extra and additional work of any kind necessary for completion of the works.

No such variation shall in any way vitiate or invalidate the contract or be treated as revocation of the contract, but the value (if any) of all such variations evaluated in accordance with the Engineer's sole decision shall be taken into account and the contract price shall be varied accordingly.

Provided always that written order of the Engineer shall not be required for increase or decrease in the quantity of any work up to 15% where such increase or decrease is not the result of any variation order given under this clause but is the result of the quantities exceeding or being less than those stated in the bill of quantities. Provided also that verbal order of variation from the Engineer shall be complied with by the Contractor and the Engineer's subsequent written confirmation of such verbal order shall be deemed to be an order in writing within the meaning of this clause.

a) The Contractor shall not be entitled to any claim of extra or additional work unless they have been carried out under the written orders of the Engineer.

- b) The Engineer shall solely determine the amount (if any) to be added to or deducted from the sum named in the tender in respect of any extra work done or work omitted by his order.
- c) All extra, additional or substituted work done or work omitted by order of the Engineer shall be valued on the basis of the rates and prices set out in the contract, if in the opinion of the Engineer, the same shall be applicable. If the contract does not contain any rates or prices directly applicable to the extra additional or substituted work, then the Engineer may decide the suitable rates on the basis of Schedule of Rates (including surcharge in force at the time of acceptance of tender), if any, adopted by the Trustees with due regard to the accepted contractual percentage, if any thereon. In all other cases the Engineer shall solely determine suitable rates in the manner deemed by him as fair and reasonable, and his decision shall be final, binding and conclusive.
- d) If the nature or amount of any omission or addition relative to the nature or amount of the whole of the contract work or to any part thereof shall be such that, in the opinion of the Engineer, the rate of prices contained in the contract for any item of the works or the rate as evaluated under sub-clauses (b) and (c) of this clause, is by reason of such omission or addition rendered unreasonable or in-applicable the Engineer shall fix such other rate or price as he deems proper and the Engineer's decision shall be final, binding and conclusive.



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

Should the quantum of extra or additional work of any kind or delayed availability of the Trustees' materials to be supplied as per contract or exceptionally adverse climatic conditions and natural phenomenon or strikes, lock-outs, civil commotions or other special circumstances of any kind beyond the control of the Contractor cause delay in completing the work, the contractor shall apply to the Engineer in writing for suitable extension of completion time within 7 days from the date of occurrence of the reason and the Engineer shall thereupon consider the stated reasons in the manner deemed necessary and shall either reject the application or determine and allow in writing the extension period as he would deem proper for completion of the work, with or without the imposition of "Liquidated Damages" Clause (No. 8.3 hereof) on the Contractor and his decision shall be binding on the contractor. If an extension of completion time is granted by the Engineer, the clause No. 8.3 of the Liquidated damage shall apply from its date of expiry, if the work be not completed within the extended time, unless stated otherwise in the decision communication by the Engineer, as aforesaid.

a) If the Contractor fails to complete the work within the stipulated dates or such extension thereof as communicated by the Engineer in writing, the contractor shall pay as compensation (Liquidated Damage) to the Trustees and not as a penalty, ½ % (half percent) of the total value of work (contract price) as mentioned in the latter of acceptance of the tender/offer, for every week or part thereof the work remains unfinished. Provided always that the amount of such compensation shall not exceed 10% the said value of work.

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

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

- (i) The Contractor has abandoned the contract.
- (ii) In the opinion of the Engineer, either the performance of the Contractor is not satisfactory or the work is not getting completed within the agreed period on account of Contractor's lapses.

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

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

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

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

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

## **9. MAINTENANCE AND REFUND OF SECURITY DEPOSIT**

On completion of execution of the work the contractor shall maintain the same for a period, as may be specified in the form of a Special Condition of the Contract, from the date mentioned in the initial Completion Certificate in the Form G.C.1. Any defect / fault, which may appear in the work during aforesaid maintenance period, arising, in the sole opinion of the Engineer or his Representative, from materials or workmanship not in accordance with the contract or the instruction of the Engineer or his Representative, shall, upon the written notice of the Engineer or his Representative, be amended and made good by the Contractor at his own cost within seven days of the date of such notice, to the satisfaction of the Engineer or his Representative, failing which the Engineer or his Representative shall have the defects amended and made good through other agency at the Contractor's risk and cost and all expenses, consequent thereon or incidental thereto, shall be recoverable from the Contractor in manner deemed suitable by the Engineer.

The Contract shall not be considered completed and the work shall not be treated as finally accepted by the Trustees, until a final Completion Certificate in Form G.C. 2 annexed hereto shall have been signed and issued by the Engineer to the contractor after all obligations under the Contract including that in the maintenance period, if any, have been fulfilled by the Contractor. Previous entry on the works or taking possession, working or using thereof by the trustees shall not relieve the Contractor of his obligations under the contract for full and final completion of the work.

On completion of the contract in the manner aforesaid, the Contractor may apply for the refund of his Security Deposit by submitting to the Engineer (i) The Treasury Receipts granted for the amount of Security held by the Trustees, and

(ii) his "No further claim" Certificate in Form G.C.3 annexed hereto (in original), where upon the Engineer shall issue Certificate in Form G.C.2 and within two months of the Engineer's recommendation, the Trustees shall refund the balance due against the Security Deposit to the Contractor, after making deduction there from in respect of any sum due to the Trustees from the Contractor.

## **10. INTERPRETATION OF CONTRACT DOCUMENTS , DISPUTES & ARBITRATION**

In all disputes, matters, claims, demands or questions arising out of or connected with the interpretation of the Contract including the meaning of Specifications and Instructions or as to the quality of workmanship or as to the materials used in the work or the execution of the work whether during the progress of the work or after the completion and whether before or after the determination, abandonment or breach of the contract the decision of the Engineer shall be final and binding on all parties to the contract and shall forthwith be given effect to by the Contractor.

If, the Contractor be dissatisfied with any such decision of the Engineer, he shall within 15 days after receiving notice of such decision require that the matter shall be referred to Chairman, who shall thereupon consider and give a decision.

If, however, the contractor be still dissatisfied with the decision of the Chairman, he shall, within 15 days after receiving notice of such decision required that within 60 days from his written notice, the Chairman shall refer the matter to an Arbitrator of the panel of Arbitrators to be maintained by the Trustees for the purpose and any such reference shall be deemed to be a submission to arbitration within the meaning of Indian Arbitration Act, 1940 or any statutory modification thereof.

If the Arbitrator so appointed is unable or unwilling to act or resigns his appointment or vacates his office due to any reason whatsoever, another person from panel shall be appointed as Sole Arbitrator and he shall proceed from the stage at which it was left by his predecessor.

The Arbitrator shall be deemed to have entered on reference on the date he issues notice to both the parties fixing the date of first hearing.

The time limit within which the Arbitrator shall submit his award shall normally be 4 months as provided in Indian Arbitration Act, 1940 or any amendment thereof. The Arbitrator may, if found necessary, enlarge the time for making and publishing the award, with the consent of the parties.

The Venue of the arbitration shall be Kolkata or as may be fixed by the Arbitrator in his sole discretion. Upon every or any such reference to cost of any incidental to the reference and award respectively shall be in discretion of the Arbitrator who may determine, the amount thereof or by whom and to whom and in what manner the same shall be borne and paid.

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

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

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

The Contractor shall not suspend or delay the work and proceed with the work with due diligence in accordance with Engineer's decisions. The Engineer also shall not withhold any payment, which, according to him, is due or payable

to the Contractor, on the ground that certain disputes have cropped up and are likely to be referred to arbitration.

Provided always as follows:

(a) Nothing of the provisions in paragraphs 8.3 to 8.3.7 hereinabove would apply in the case of contracts, where tendered amount appearing in the letter of acceptance of the tender / offer is less than Rs. 40,00,000/-.

(b) The Contractor shall have to raise disputes or differences of any kind whatsoever in relation to the execution of the work to the Engineer within 30 days from the date of occurrence of the cause of dispute and before the preparation of the final bill, giving detailed justifications, in the context of contract conditions.

(c) Contractor's dispute, if any, arising only during the maintenance period stipulated in the contract, must be submitted to the Engineer, with detailed justifications in the context of contract Conditions, before the final completion of the work. No dispute or difference on any matter whatsoever, pertaining to the contract can be raised by the contractor after the completion of the work.

(d) Contractor's claim / dispute raised beyond the time limits prescribed in sub-clauses 8.5 (b) and 8.5 (c) hereinabove, shall not be entertained by the Engineer and / or by any Arbitrator, subsequently.

(e) The Chairman / Trustees shall have the right to alter the panel of Arbitrators on their sole discretion, by adding the names of new Arbitrators and / or by deleting the names of existing Arbitrators, without any reference to the Contractor.

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

**FORM OF TENDER**

**CONTRACT NO.**.....

To,

.....

I/We

.....

.....

of

.....

.....

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

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

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

\*\*\*\*\*

\*

\*\*\*\*\* .....

.....

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

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

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

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

Witness: Signature ..... ..... Name ..... (In Block Letters)	Signature of the Tenderer (Seal of the Tenderer) Name of the Tenderer  (In Block Letters)
--	---

Address .....	Dated
---------------	-------

.....

.....	Address
-------	---------

.....

Occupation .....

.....

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

THIS AGREEMENT made this day  
of.....200 between the Board of Trustees for the Port of Kolkata,  
a body corporate constituted by the Major Port Trusts Act, 1963 (hereinafter called  
“Trustees” which expression shall unless excluded by or repugnant to the context be deemed  
to include their successors in office) of the one part and  
.....  
.....(hereinafter called “ the Contractor ”, which expression shall unless  
excluded by or repugnant to the context be deemed to include its heirs, executors,  
administrators, representatives and assignees or successors in office) of the other part.

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

1. In this Agreement words and expressions shall have the same meanings as are  
respectively assigned to them in General Conditions of Contract hereinafter  
referred to.

2. The following documents shall be deemed to form and be read and construed as part  
of this Agreement, viz.

- (a) The said Tender / Offer & the acceptance of the Tender / Offer
- (b) The General Conditions of Contract
- (c) The Special Conditions of Contract
- (d) The Conditions of Tender
- (e) The Technical Specifications
- (f) The Schedule of Rates
- (g) The Terms of Payment
- (h) All correspondence by which, the contract is added, amended, varied or  
modified in any way by mutual consent.

3. In consideration of the payments to be made by the Trustees to the Contractor as  
hereinafter mentioned , the Contractor hereby covenant with the Trustees to  
execute and maintain the work in conformity in all respects with the provisions of  
the contract.

4. The Trustees hereby covenants to pay to the Contractor, in consideration of such  
execution and maintenance of the Work, the Contract Prices at the times and in the  
manner prescribed by the Contract.



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

The \_\_\_\_\_ Seal  
of.....  
...  
.....  
.....

Was hereunto affixed in the presence of:

Name \_\_\_\_\_  
Address \_\_\_\_\_  
.....  
.....  
.....

**Or**

**SIGNED, SEALED AND DELIVERED**

by \_\_\_\_\_ the \_\_\_\_\_ said  
.....  
.

*In the presence of:*

Name \_\_\_\_\_  
Address: \_\_\_\_\_  
.....  
....

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

Name.....  
Address: .....

Contractor \_\_\_\_\_

Address \_\_\_\_\_

.....

Date of Completion

.....

Dear Sir/s,

This is to certify that the following works viz.

Name of the Work \_\_\_\_\_

.....

Estimate Number E.E.O .....dt

C.E.O.....dt --.

Work Order Number \_\_\_\_\_

Allocation \_\_\_\_\_

Contract Number \_\_\_\_\_

Which was carried out by you is in the opinion of the undersigned completing in every respect on the ----- Day of-----20... in accordance with clause 62 of the General Conditions of Contract and under the provisions of the Contract for a period of --. Days /weeks / months / years.

From the.....day of ..... 20 .....

To the .....day of ..... 20 .....

Signature ( )

**(Engineer / Engineer's Representative)**

Name.....

Designation.....

Office Seal

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

## KOLKATA PORT TRUST

The Financial Adviser & Chief Accounts Officer.

The Manager (finance), Haldia Dock Complex.

### **CERTIFICATE OF FINAL COMPLETION**

This is to certify that the following works viz.

Name of Work \_\_\_\_\_

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

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

Work Order No.....dt .....

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

Resoln. No & Meeting No \_\_\_\_\_.

Allocation \_\_\_\_\_

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

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

Name.....

Designation.....

Office Seal

**KOLKATA PORT TRUST**

(‘No Claim’ Certificate From Contractor)

The Engineer  
Kolkata Port Trust  
Kolkata / Haldia

(Attn: )

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

Dear Sir,

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

Name of Work \_\_\_\_\_

Work Order No ..... dt .....

Contract No ..... dt.....

Agreement No .....dt.....

and I / We have no further claim against Kolkata Port Trust in respect of the above mentioned job.

Yours faithfully,

(Signature of Contractor)

Date .....

Name of Contractor .....

Address .....

.....

(Official Seal of the Contractor)

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

To  
The Board of Trustees  
for the Port of Kolkata.

BANK GUARANTEE

NO.....DATE.....

Name of issuing Bank

.....

Name of Branch.....

.....

Address.....

..

In consideration of the Board of Trustees of the Port Kolkata, a body corporate - duly constituted under the Major port Trust Act, 1963 ( Act 38 of 1963), having agreed to exempt Shri / Messrs \_\_\_\_\_

..... a proprietary / Partnership / Limited / Registered Company, having its Registered Office at .....

.....

(hereinafter referred to as "The Contractor") from cash payment of Security Deposit / Payment of Security Deposit through deduction from the Contractors' bills under the terms and conditions of a contract made between the Trustees and the Contractor for

..... (write the name of the work as per Work Order) in terms of the Work order No .....

..... ated (hereinafter referred to as "the said contract"), for the due fulfillment by the contractor of all the terms and conditions contained in the said contract, on submission of a bank Guarantee for Rs

..... (Rupees .....

..... )

we,.....Branch,

Kolkata

/ Haldia, do on the advise of the contractor,

hereby undertake to indemnify and keep indemnified the Trustees to the extent of the said sum of Rs ..... (Rupees .....

.....)

We .....Branch,Kolkata

...../Haldia, further agree that if a written demand is made by the Trustees through any of its officials for honoring the Bank Guarantee constituted by these presents, We,..... Branch, Kolkata .....

...../Haldia shall have no right to decline to cash the same for any reason whatsoever and shall cash the same and pay the sum so demanded to the Trustees within a

week from the date of such demand by an A/c. Payee Banker's Cheque drawn in favour of "Kolkata Port Trust", without any demur. Even if there be any dispute between the contractor and the Trustees, this would be no ground for us,.....

.....(Name of Bank), .....

..... Branch, Kolkata /Haldia to decline to honour the

Bank Guarantee in the manner aforesaid. The very fact that We, .....

.....Branch,Kolkata /Haldia, decline

or fail or neglect to honour the Bank Guaranteed in the manner aforesaid shall constitute sufficient reason for the Trustees to enforce the Bank Guarantee unconditionally without any reference, whatsoever, to the contractor.

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

3. We, ..... Branch, Kolkata / Haldia, further agree that the Bank Guaranteed herein contained shall remain in full force and effect, during the period that is taken for the due performance of the said contract by the contractor and that is shall continue to be enforceable till all the dues of the Trustees under and/or by virtue of the terms and conditions of the said contract have been fully paid and its claim satisfied and/or discharged in full and/or till the Trustees certify that the terms and conditions of the said contract have been fully and properly observed/fulfilled by the contractor and accordingly, the Trustees have discharged the Bank Guarantee, subject however, that this guarantee shall remain valid up to and inclusive of .....day of .....19.....and subject all so that the provision that the Trustees shall have no right to demand payment against this guarantee after the expiry of 6(six) calendar months from the expiry of the aforesaid validity period up to ..... Or any extension thereof made by us, .....Branch, Kolkata / Haldia, in further extending the said validity period of this Bank Guarantee on Non-Judicial Stamp Paper of appropriate value, as required / determined by the Trustees, only on a written request by the Trustees to the contractor for such extension of validity of this Bank Guarantee.

4. We, ..... Branch, Kolkata / Haldia, further agree that, without our consent and without affecting in any manner our obligations hereunder, the Trustees shall have the fullest liberty to vary from time to time any of the terms and conditions of the said contract or to extend the time for full performance of the said contract including fulfilling all obligations under the said contract by the contractor or to postpone for any time or from time to time any of the powers exercisable by the Trustees against the contractor and to forebear or enforce any of terms and conditions relating to the said contract and We, .....Branch, Kolkata ...../Haldia, shall not be relieved from our liability by reason of

any such variation or extension being granted to the contractor or for any fore- bearance, act or commission on the part of the Trustees or any indulgence by the Trustees to the contractor or by any such matter or thing of whatsoever nature, which under the law relating to sureties would, but for this provision, have effect of so relieving us,

Branch,

Kolkata

/Haldia.

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

SIGNATURE.....

NAME.....

DESIGNATION.....

(Duly constituted attorney for and on behalf of)

BANK.....

BRANCH.....

Kolkata..... / HALDIA.

(OFFICIAL SEAL OF THE BANK)

## **Integrity Pact**

Between

Syama Prasad Mookerjee Port, Kolkata (SMPK) hereinafter referred to as "The Principal/  
Employer".

And

..... hereinafter referred to as "The Bidder/Contractor"

### **Preamble**

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

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

NOW, THEREFORE,

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

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

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

(1) The Principal commits itself to take measures necessary to prevent corruption and to observe the following principles:

1. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
2. The Principal will, during the tender process treat all Bidder(s) with equity and reason.



The Principal will, in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/ additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

3. The Principal will exclude from the process all known prejudiced persons.

(2). If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal Code (IPC)/Prevention of Corruption (PC) Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

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

(1) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

a. The Bidder(s) /Contractor(s) will not directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

b. The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contract, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

c. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

d. The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principles, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines, all the payments made to the Indian agent/representative have to be in Indian Rupees only. Copy of the "Guidelines on Indian Agents of Foreign Suppliers" is annexed and marked as Annex-A.

e. The Bidder(s)/Contractor(s) will when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

(2). The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

### **Section-3-Disqualification from tender process and exclusion from future contracts**

If the Bidder(s)/Contractor(s) before award or during execution has committed a transgression through a violation of Section 2 above, or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as considered appropriate.

### **Section 4-Compensation for damages**

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

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

### **Section 5-Previous transgression**

(1) The Bidder declares that no previous transgressions occurred in the last 3 years from the date of signing the Integrity pact with any other Company in any country conforming to the anti corruption approach or with any other Public Sector Undertaking / Enterprise in India, Major Ports/ Govt. Departments of India that could justify his exclusion from the tender process.

(2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as considered appropriate.

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

(1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.

(2) The Principal, will enter into agreements with identical conditions as this one with all Bidders, Contractors and Sub-contractors.

(3) The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

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

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

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

(a) The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this pact.

(b) The Monitors shall not be subject to instructions by the representatives of the parties and shall perform their functions neutrally and independently.

(c) Both the parties accept that the Monitors have the right to access all the documents relating to the contract.

(d) As soon as the Monitor notices, or has reason to believe, a violation of this pact, he will so inform the authority designated by the Principal and the Chief Vigilance Officer of Kolkata Port Trust.

(e) The BIDDER/ CONTRACTOR(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the PRINCIPAL including that provided by the BIDDER/ CONTRACTOR. The BIDDER/ CONTRACTOR will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation, if any. The same is applicable to sub-contractors. The Monitor shall be under contractual obligation to treat the information and documents of the Bidder/Contractor/ Sub-contractor(s) with confidentiality.

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

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

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

(i) If the Monitor has reported to the Principal substantiated suspicion of an offence under the relevant

IPC/PCA, and the Principal/ Employer has not, within reasonable time, taken visible action to proceed against such offence or reported to the Chief Vigilance Officer, the Monitor may also transmit this

information directly to the Central Vigilance Commissioner, Government of India.

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

**8.a) The Name and Correspondence Particulars of Independent External Monitors:**

a) Shri Subhashish Sarkar,  
Flat No. 406, Block-III,  
Kirti Apartments,  
Mayur Vihar Phase-I Extension,  
Delhi-110 091,  
Mob No. 98117 07230,  
E-mail : subhashishsarkar53@yahoo(dot)com  
b) Ms. Bulbul Sen, IRS (Retd.),  
B-104 Nayantara Apts.  
Block 8B, Sec - 7  
Dwarka  
New Delhi-110075  
E-mail ID – bsensarkar@gmail(dot)com

**Section 9 – Facilitation of Investigation:**

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

**Section 10 – Pact Duration:**

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

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

**Section 11 – Other Provisions:**

(1) This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal in Kolkata.

(2) Changes and supplements as well as termination notices need to be made in writing in English.

(3) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

(4) Should one or several provisions of this agreement turn out to be invalid, the reminder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

(For & on behalf of the Principal)

(For & on behalf of Bidder/Contractor).

(Office Seal)

(Office Seal)

Place :

Date :

Witness 1:

(Name & Address) .....

.....

.....

Witness 2:

(Name & Address) .....

.....

.....

**ANNEXURE-A**  
**GUIDELINES FOR INDIAN AGENTS OF FOREIGN SUPPLIERS**

There shall be compulsory registration of Indian agents of Foreign suppliers for all Tenders. An agent who is not registered with SMPK shall apply for registration in the prescribed Application-Form.

Registered agents will file an authenticated Photostat copy (duly attested by a Notary Public)/Original certificate of the principal confirming the agency agreement and giving the status being enjoyed by the agent and the commission/ remuneration/salary/retainer ship being paid by the principal to the agent before the placement of order by SMPK.

Wherever the Indian representatives have communicated on behalf of their principals and the foreign parties have stated that they are not paying any commission to the Indian agents, and the Indian representative is working on the basis of salary or as retainer, a written declaration to this effect should be submitted by the party (i.e. Principal) before finalizing the order.

DISCLOSURE OF PARTICULARS OF AGENTS/REPRESENTATIVES IN INDIA. IF ANY.

Tenderers of Foreign nationality shall furnish the following details in their offer:

The name and address of the agents/representatives in India, if any and the extent of authorization and authority given to commit the Principals. In case the agent/representative be a foreign Company, it is to be conformed whether it is real substantial Company and details of the same shall be furnished.

The amount of commission/ remuneration included in the quoted price(s) for such agents/ representatives in India.

Confirmation of the Tenderer that the commission/remuneration if any, payable to his agents/ representatives in India, is to be paid by SMPK in Indian Rupees only.

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

The name and address of the foreign principals indicating their nationality as well as their status, i.e. whether manufacturer or agents of manufacturer holding the Letter of Authority of the Principal specifically authorizing the agent to make an offer in India in response to tender either directly or through the agents /representatives.

The amount of commission/remuneration included in the price(s) quoted by the Tenderer for himself.

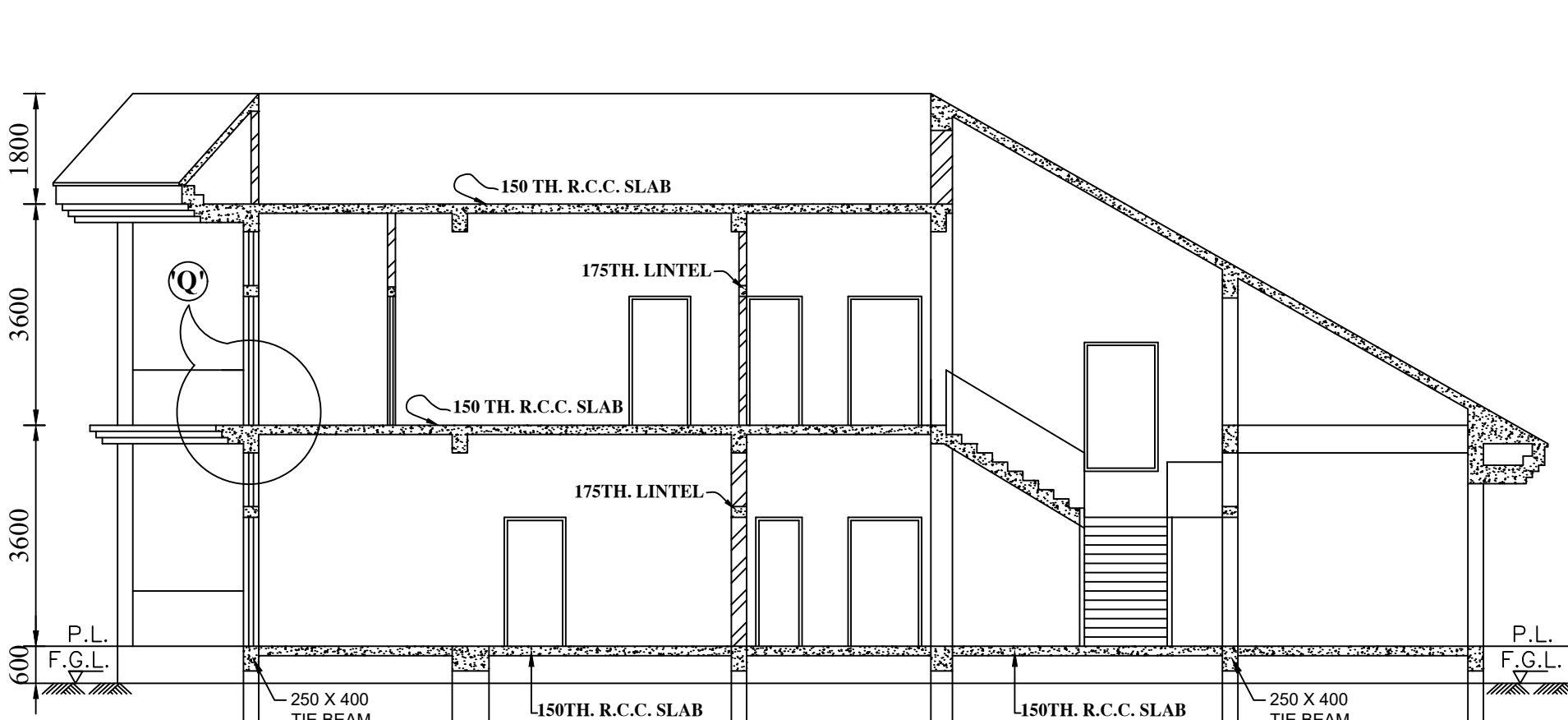
Confirmation of the foreign principals of the Tenderer that the commission/remunerations, if any, reserved for the Tenderer in the quoted price(s), is to be paid by SMPK in India in equivalent Indian Rupees.

In either case, in the event of contract materializing, the terms of payment will provide for payment of the commission/remuneration, if any payable to the agents/representatives in India in Indian Rupees on expiry of 90 days after the discharge of the obligations under the contract.

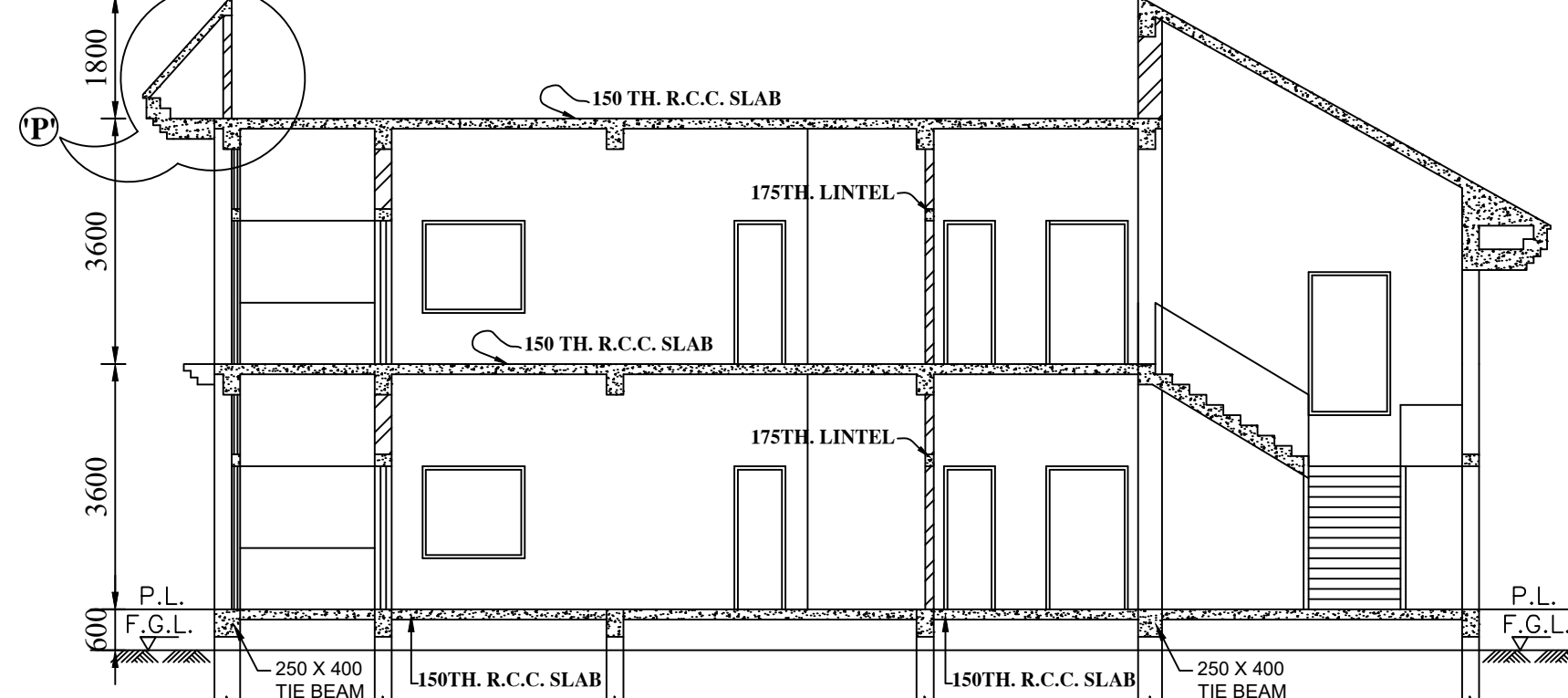
Failure to furnish correct and detailed information as called for in paragraph-2.0 above will render the concerned tender liable for rejection or in the event of a contract materializing, the same liable to termination by SMPK. Besides this there would be a penalty of banning business dealings with SMPK or damage or payment of a named sum.



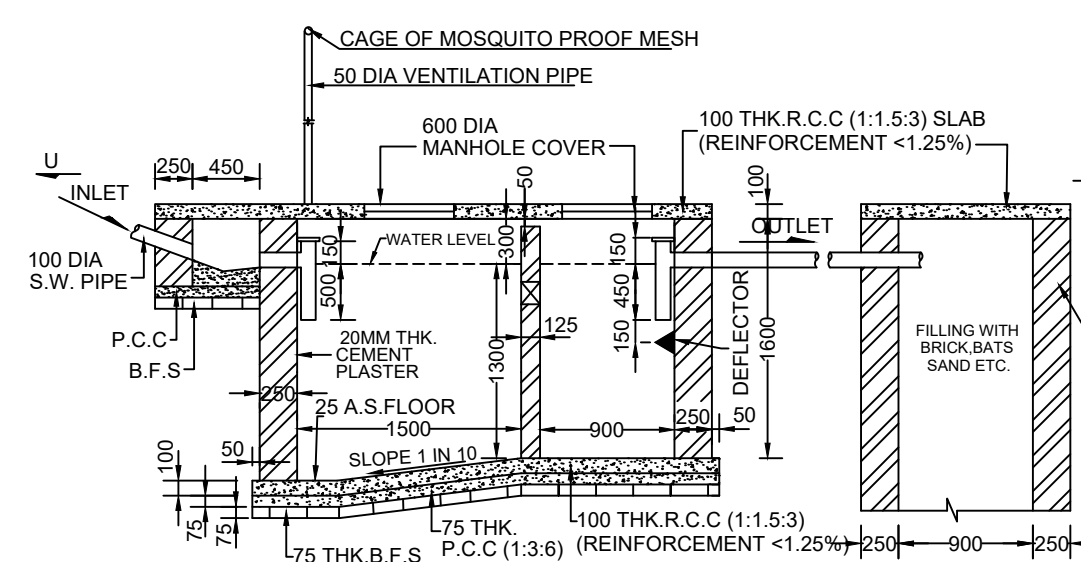




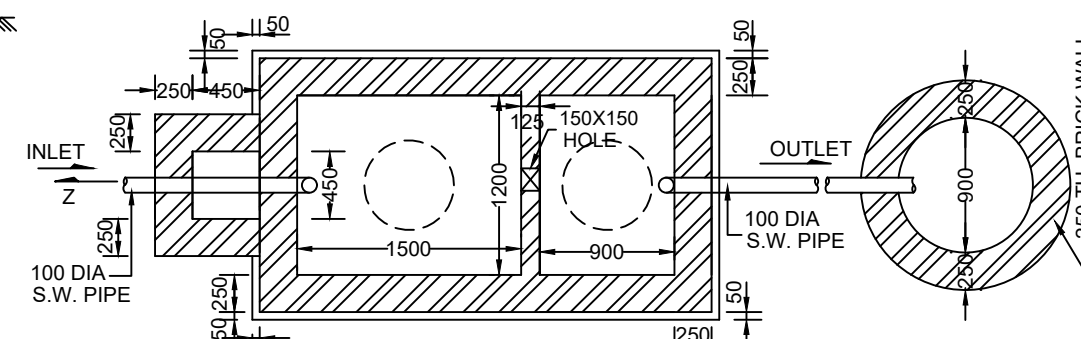
SECTION AT X-X'



SECTION AT Y-Y'

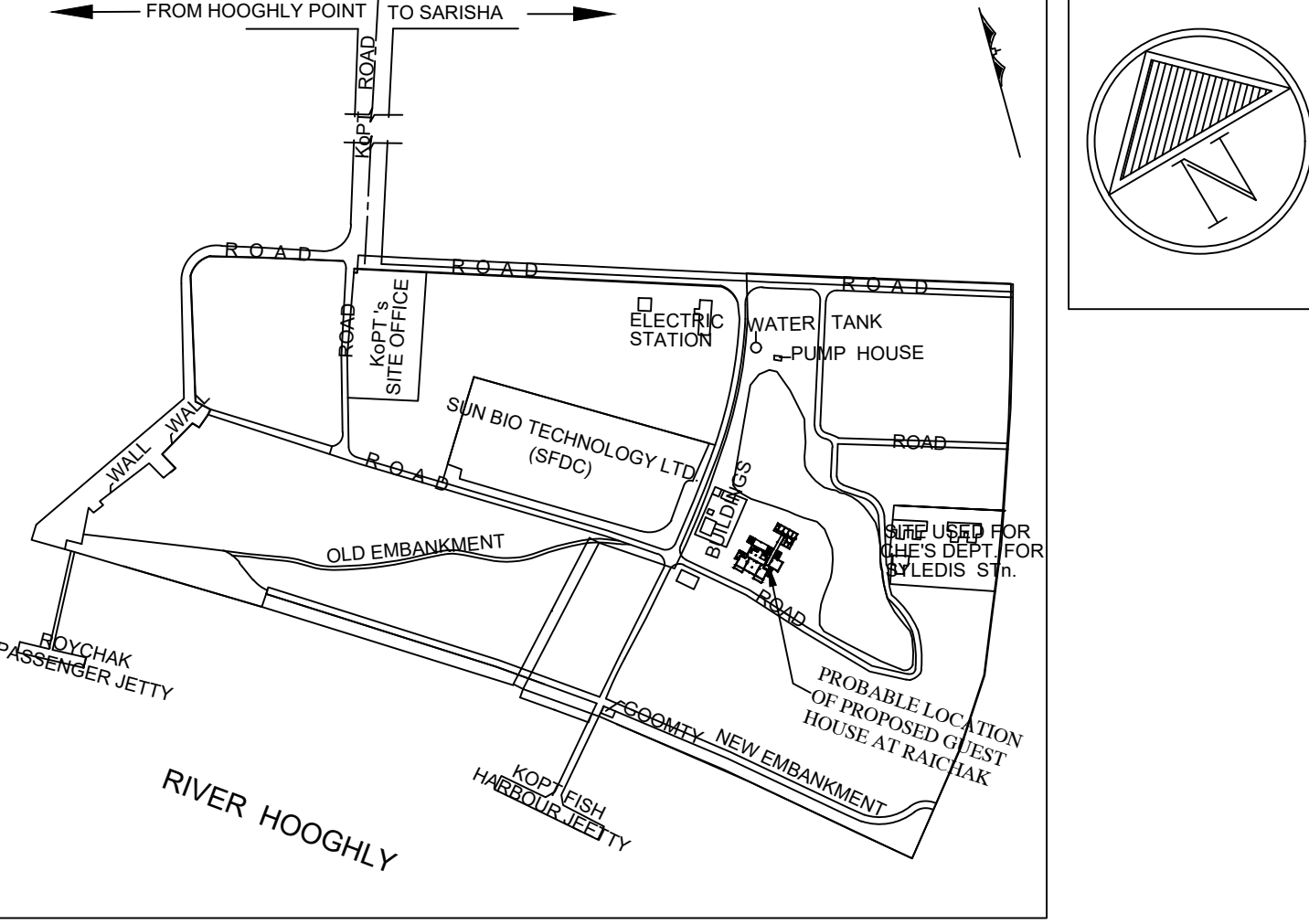


SECTION ON "ZZ"



PLAN AT "UU"

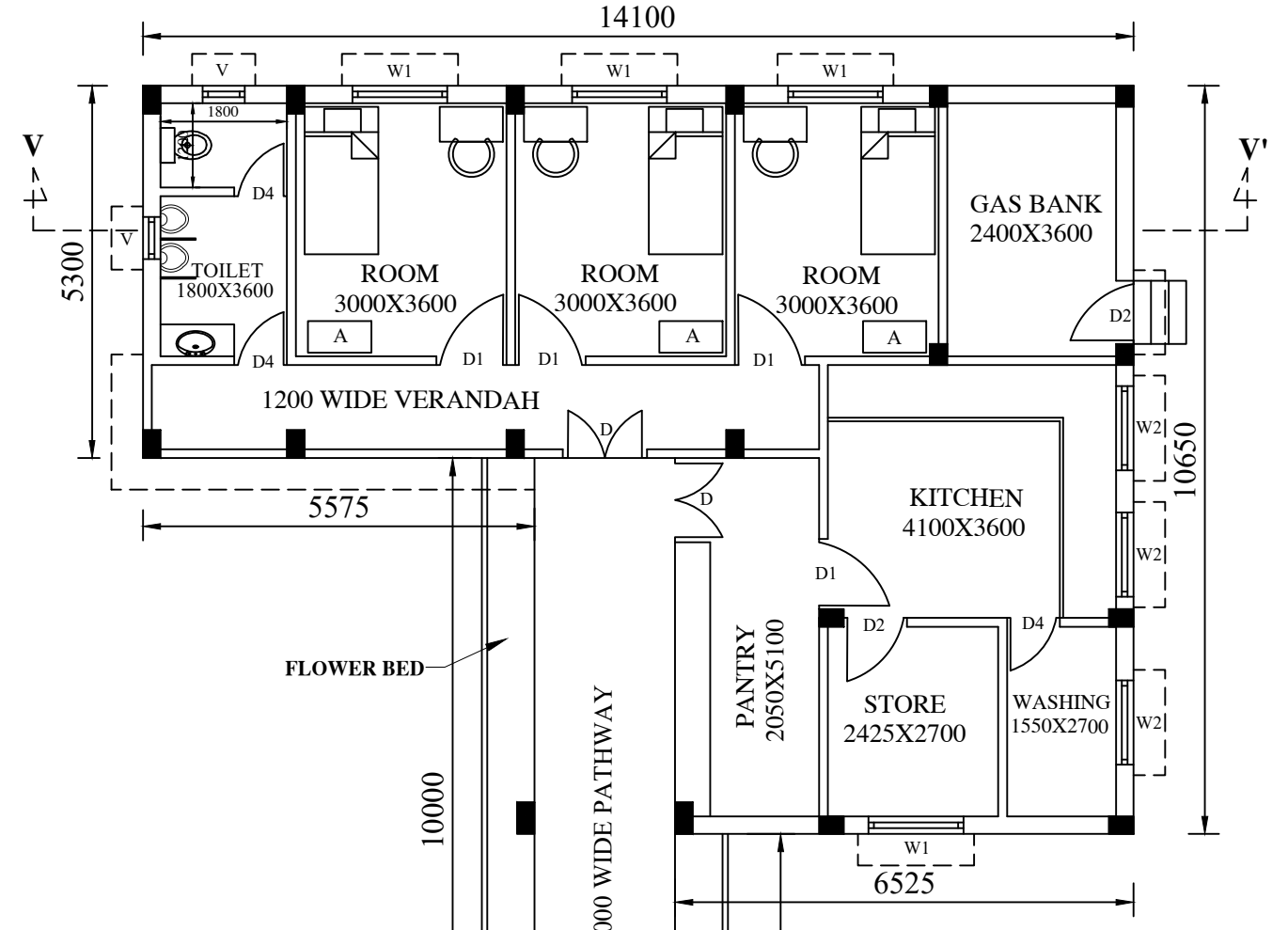
DETAIL OF SEPTIC TANK & SOAK PIT



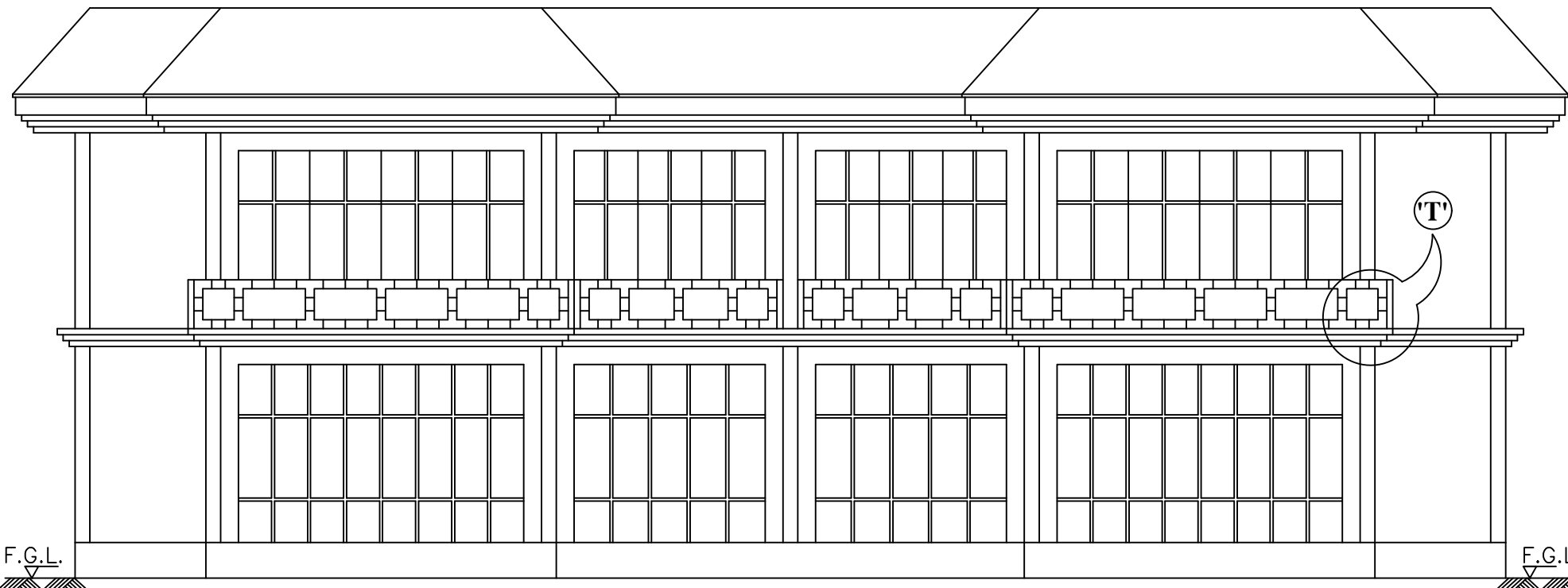
SITE PLAN

SCHEDULE OF DOOR&WINDOW:-

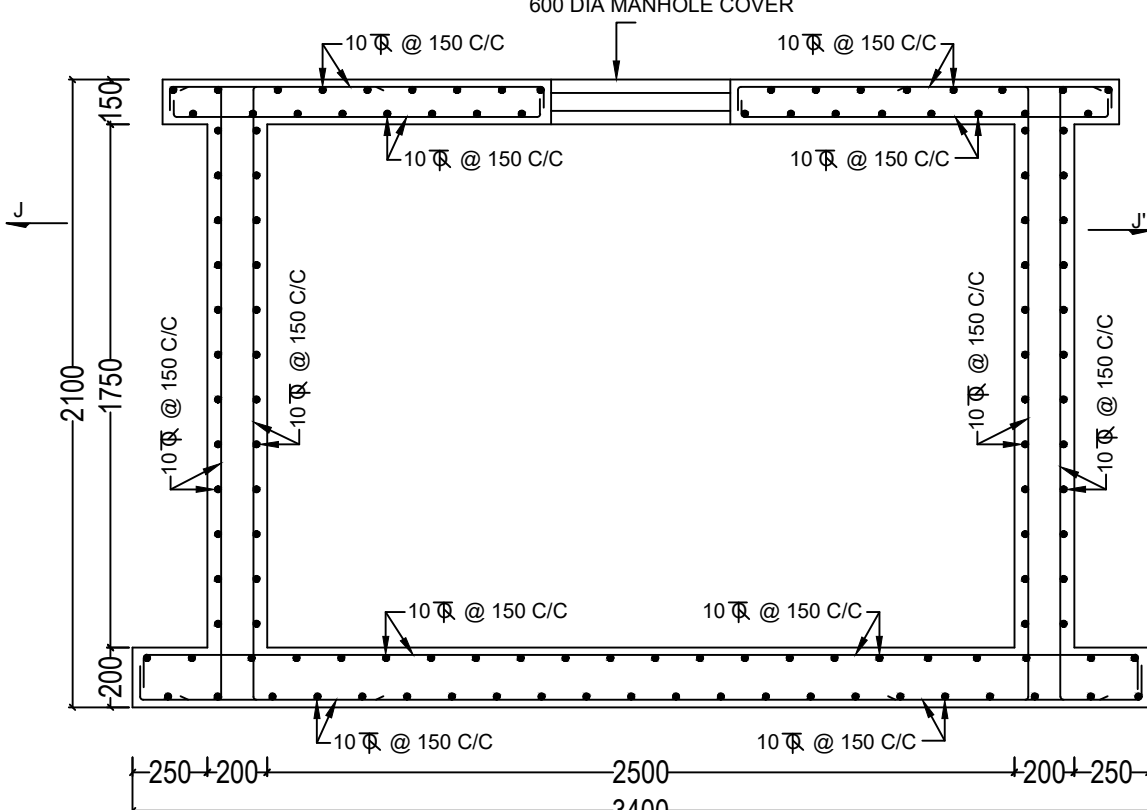
MKD	WIDTH	HEIGHT
D0	1800	2100
D	1200	2100
D1	1000	2100
D2	900	2100
D3	750	2100
W	1500	1350
W1	1350	1350
W2	1200	1350
W3	1200	2100
V	600	600



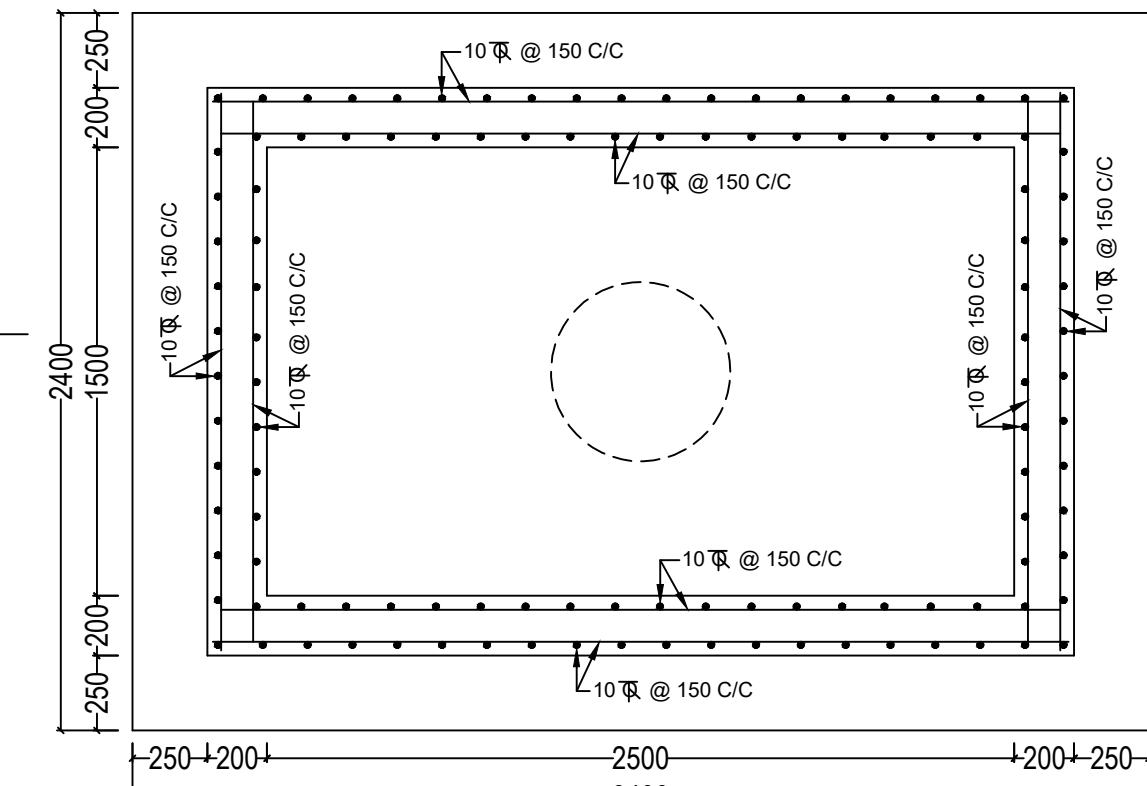
SECTION AT V-V'



RIVER SIDE ELEVATION



SECTION ON D - D'

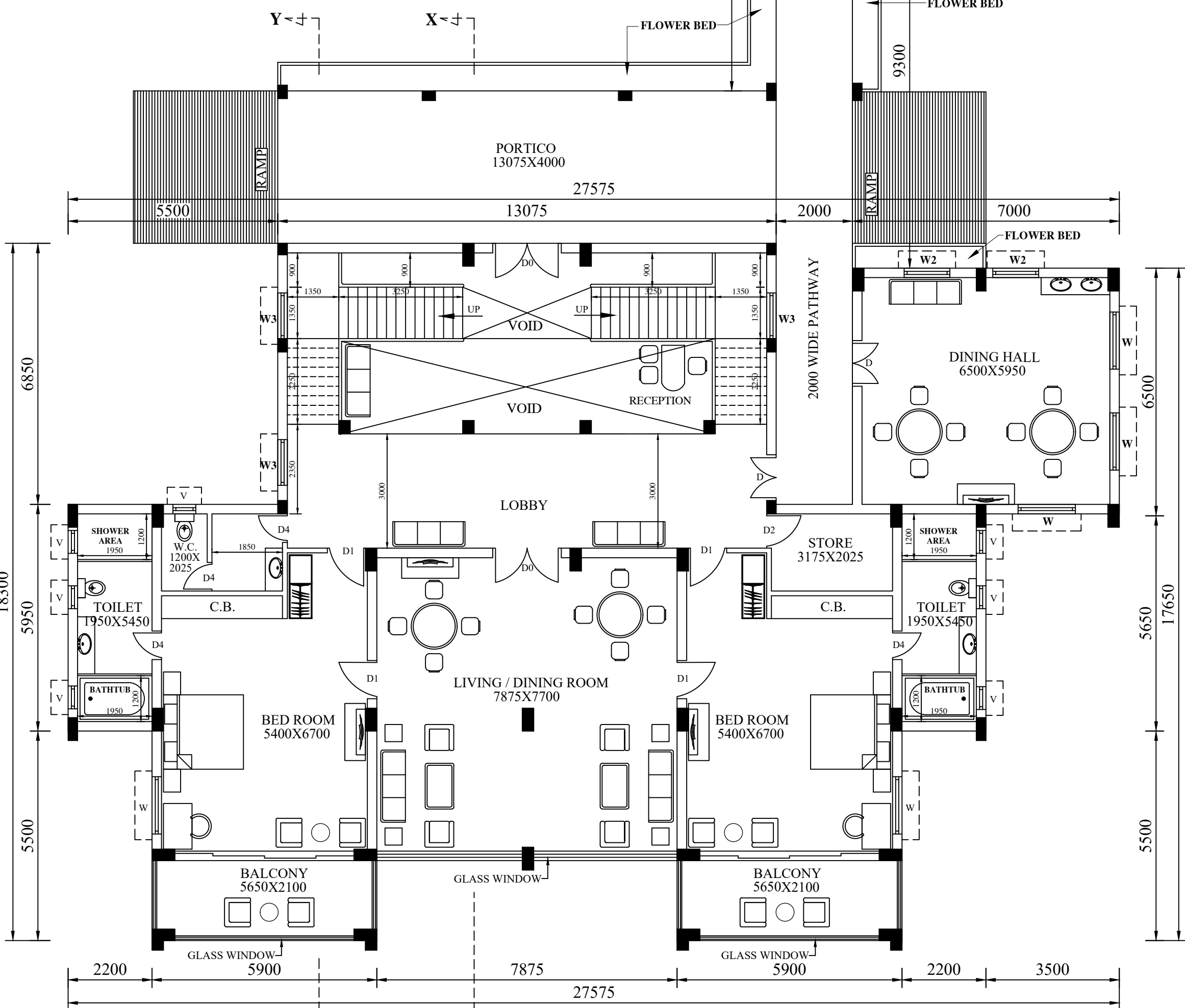


PLAN AT E - E'  
DETAIL OF OVER HEAD WATER TANK

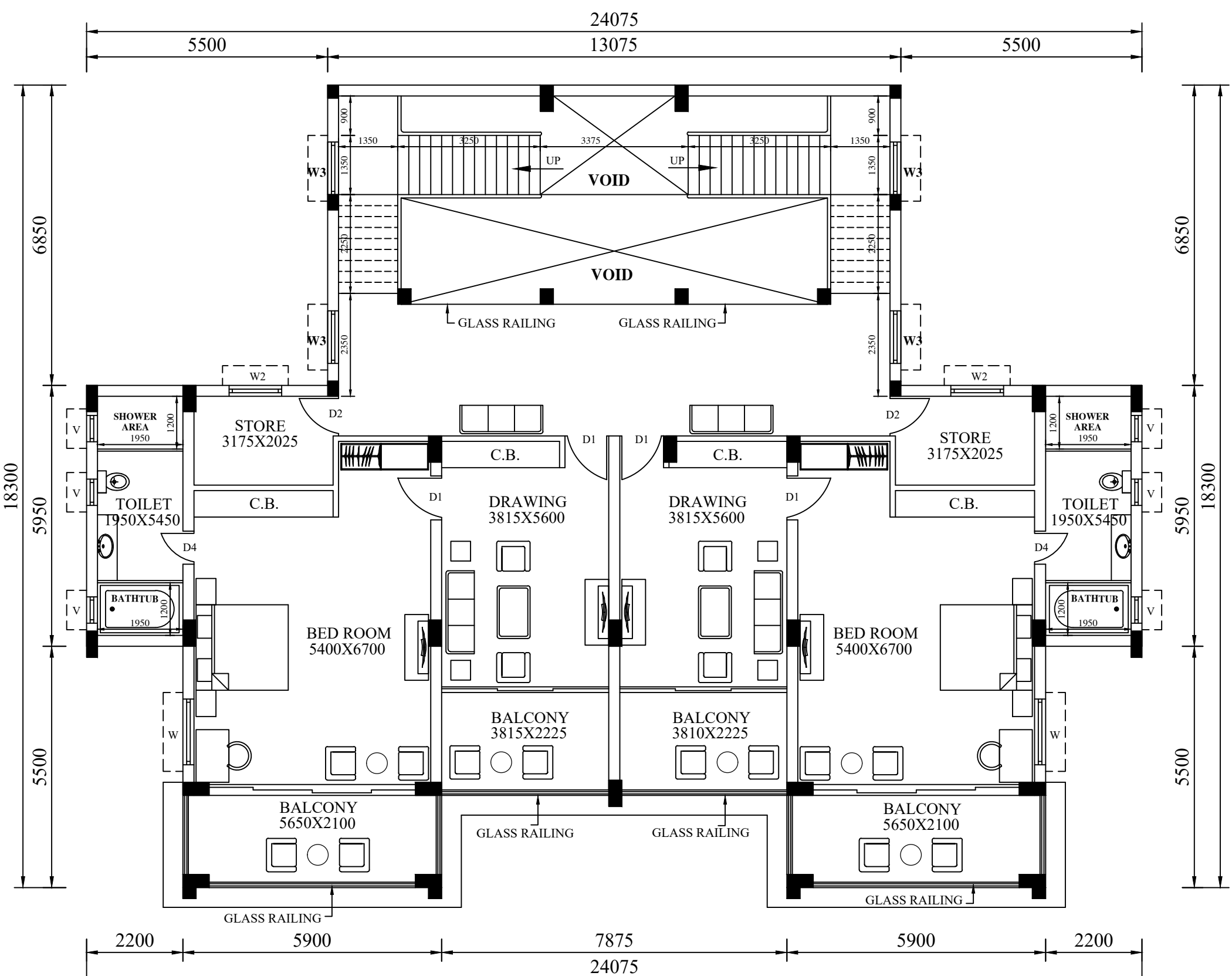
NOTES :-

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. ALL 250 TH. BRICK WORK SHALL BE OF CEMENT MORTAR (1:6) FIRST CLASS BRICK.
3. ALL 125 TH. BRICK WORK SHALL BE OF (1:4) CEMENT MORTAR.
4. ALL P.C.C. WORK SHOULD BE OF M15 GRADE CEMENT CONC.
5. ALL R.C.C. WORK SHALL BE OF M20 GRADE.
6. REINFORCEMENT SHALL BE OF Fe 500 GRADE.
7. CLEAR COVER FOR REINFORCEMENT
  - a) IN COLUMN = 40mm.
  - b) IN FOOTING = 50mm.
  - c) IN SLAB = 15mm.
  - d) IN BEAM = 50mm.
  - d) OTHERS = 25mm.
8. MINIMUM DEPTH OF FOUNDATION SHOULD BE 1.4 M FROM EXISTING GROUND LEVEL. UNLESS OTHERWISE SPECIFIED.

AREA STATEMENTS :-			
GROUND FLOOR COVERED AREA = 520.39 SQM. = 5600.00 SFT.			
FIRST FLOOR COVERED AREA = 334.79 SQM. = 3495.00 SFT.			



GROUND FLOOR PLAN

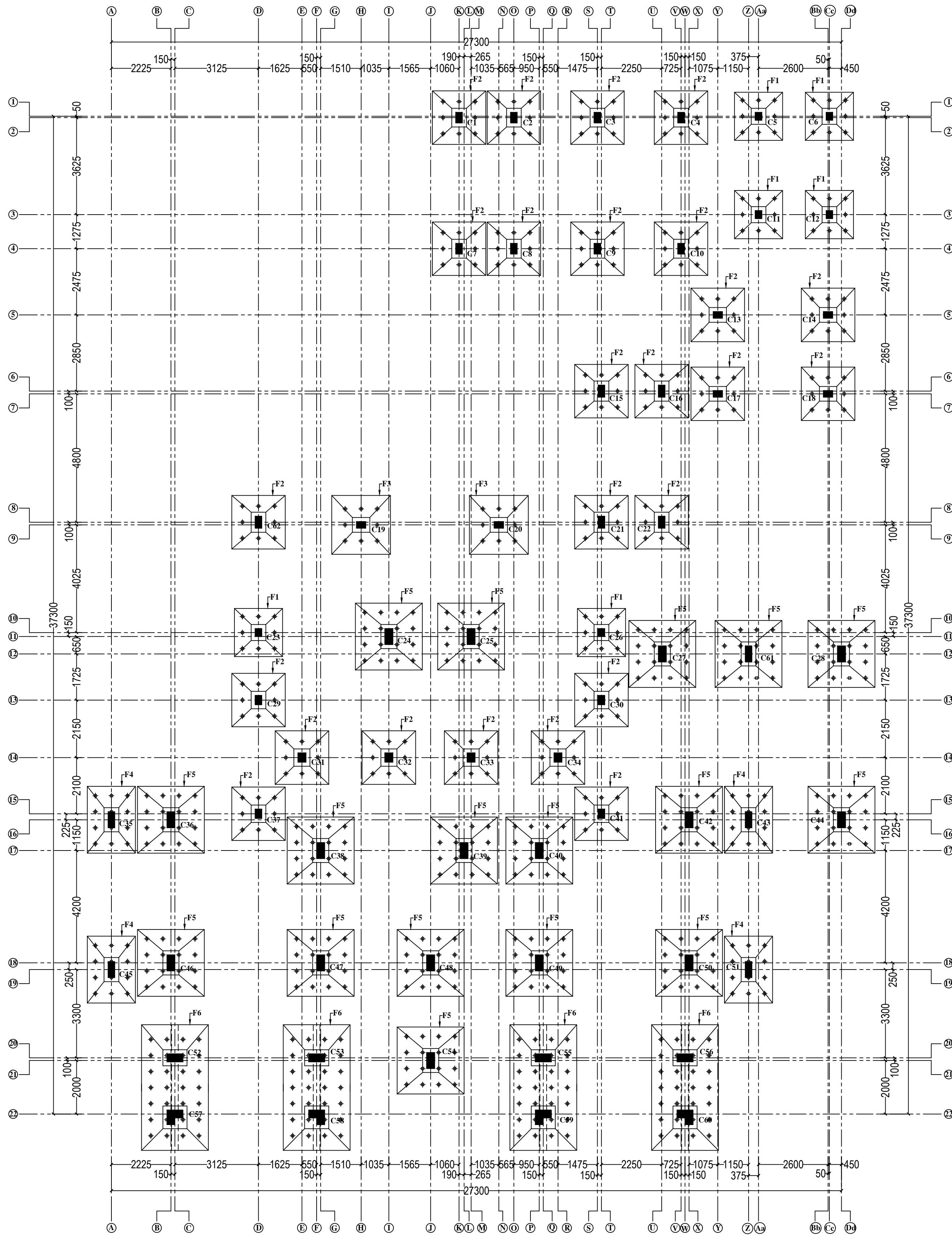
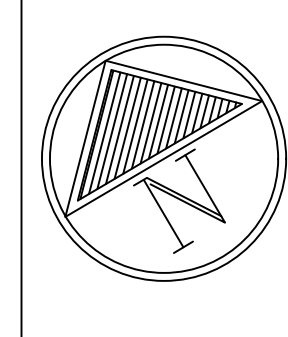


FIRST FLOOR PLAN

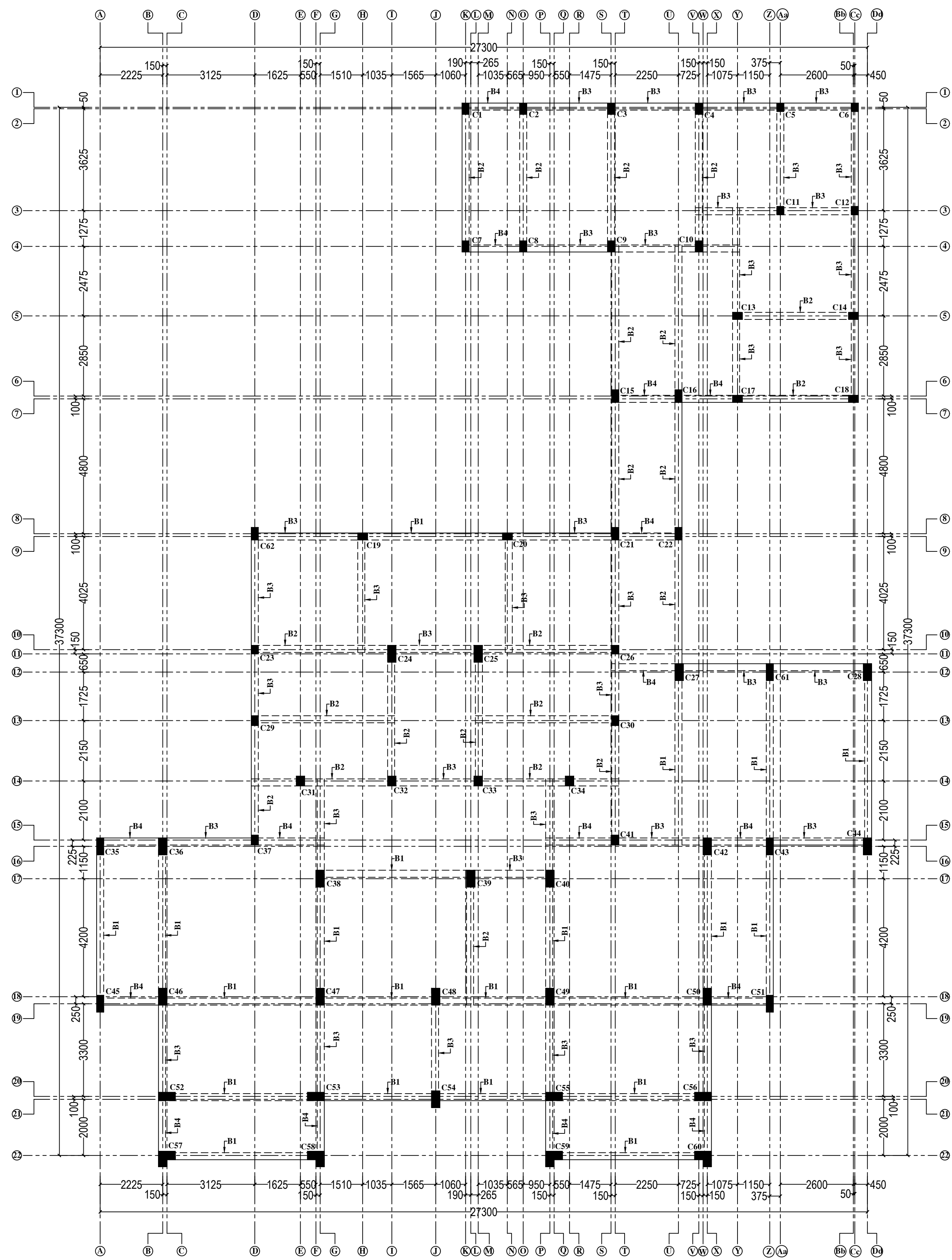
TENDER PURPOSE ONLY

PLAN, ELEVATION, SECTION, SEPTIC TANK, OVER HEAD WATER TANK, & SITE PLAN OF GUEST HOUSE AT RAICHAK.

Chief Engineer	DY. Chief Engineer	Executive Engineer (DESIGN)	DRAWN BY	KOLKATA PORT TRUST			
				CIVIL ENGINEERING DEPARTMENT			
SCALE		1:25, 1:50, 1:100, N.T.S.	DATE		03/09/2019		
DWG. NO.		9154	REV. NO.		0	Sh-1	



COLUMN & FOUNDATION LAYOUT PLAN  
AT LEVEL (-1.40 M.)

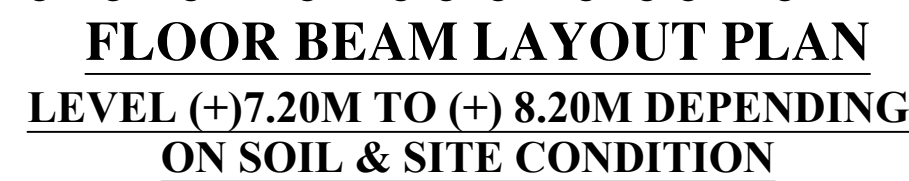
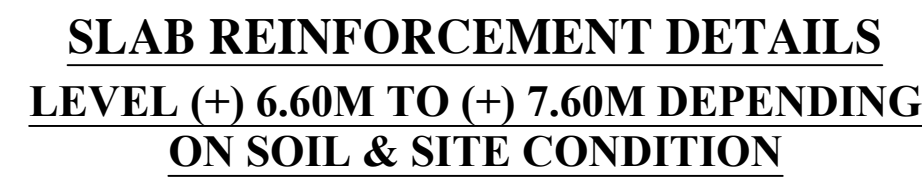


BEAM LAYOUT PLAN  
AT LEVEL (0.00 M.)

TENDER PURPOSE ONLY

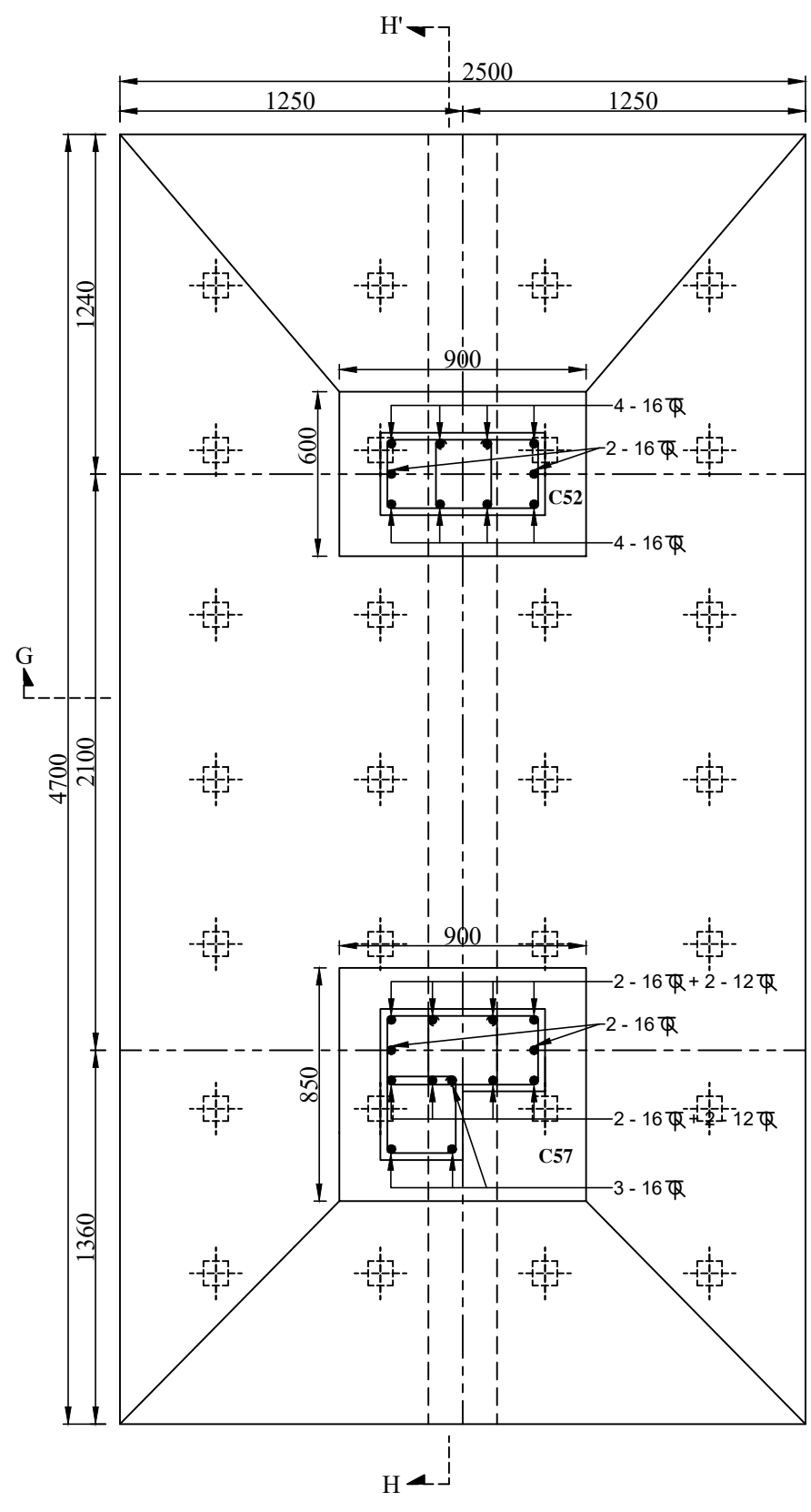
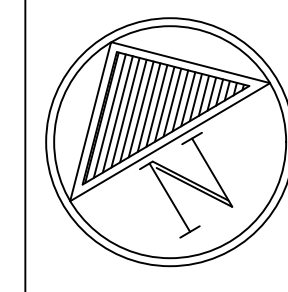
Chief Engineer	DY. Chief Engineer	Executive Engineer (DESIGN)	DRAWN BY	KOLKATA PORT TRUST			
				CIVIL ENGINEERING DEPARTMENT			
SCALE		1:100,	DATE	03/09/2019			
DWG. NO.		9154	REV. NO.	0	Sh-2		



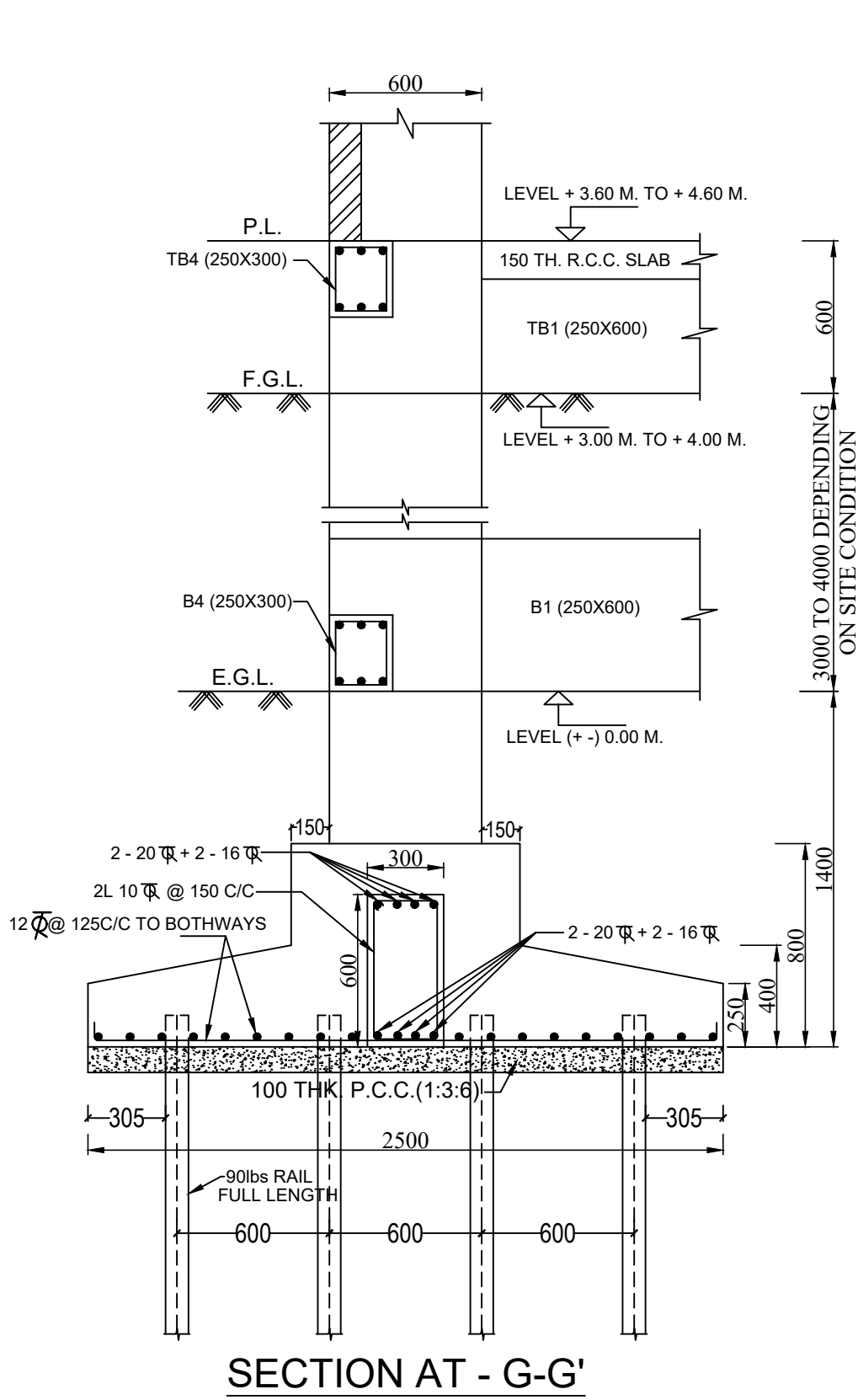


**TIE BEAM, FLOOR BEAM & ROOF BEAM  
LAYOUT PLAN, SLAB REINFORCEMENT  
DETAILS OF GUEST HOUSE AT RAICHAK.**

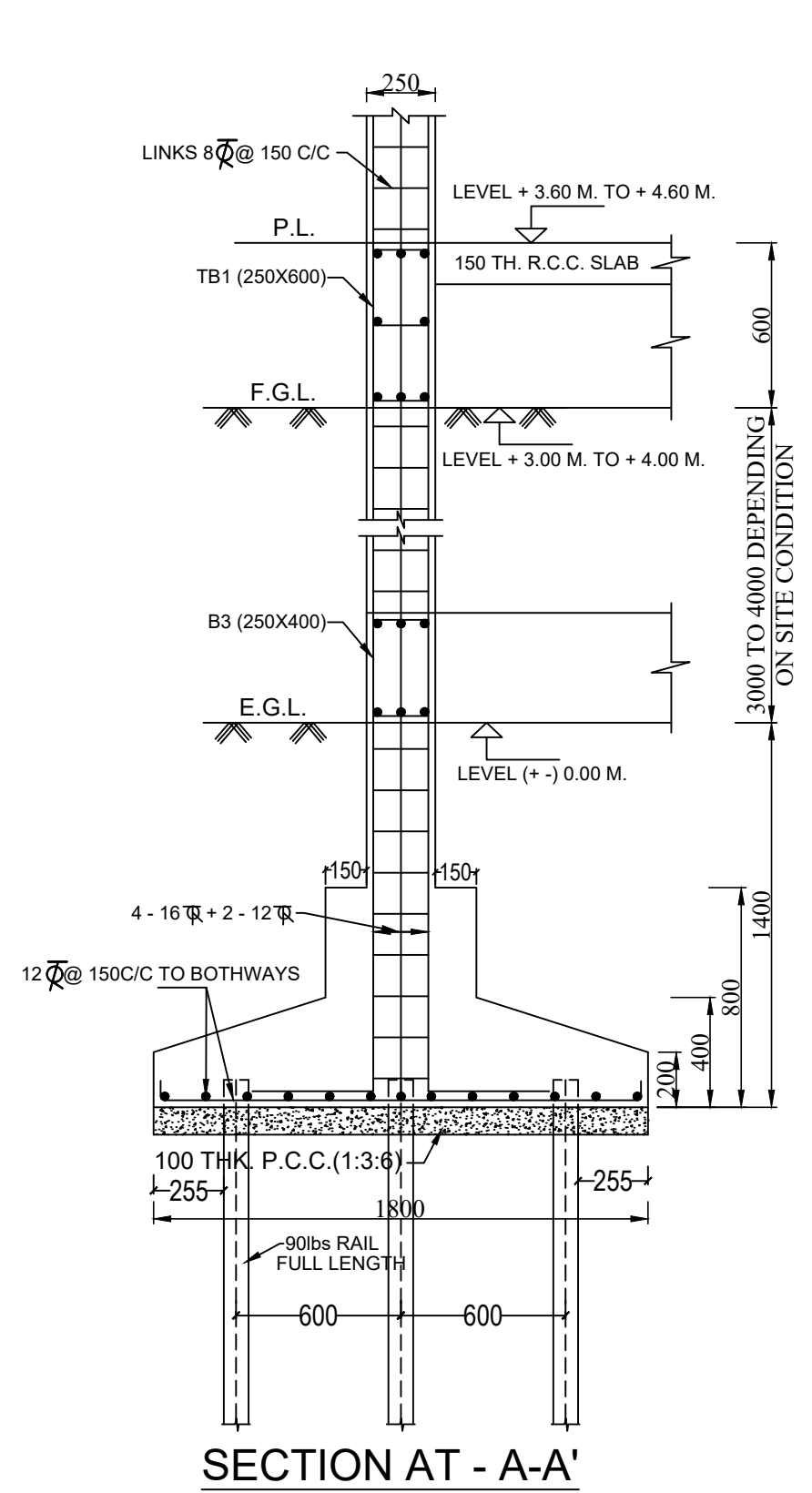
**TENDER PURPOSE ONLY**



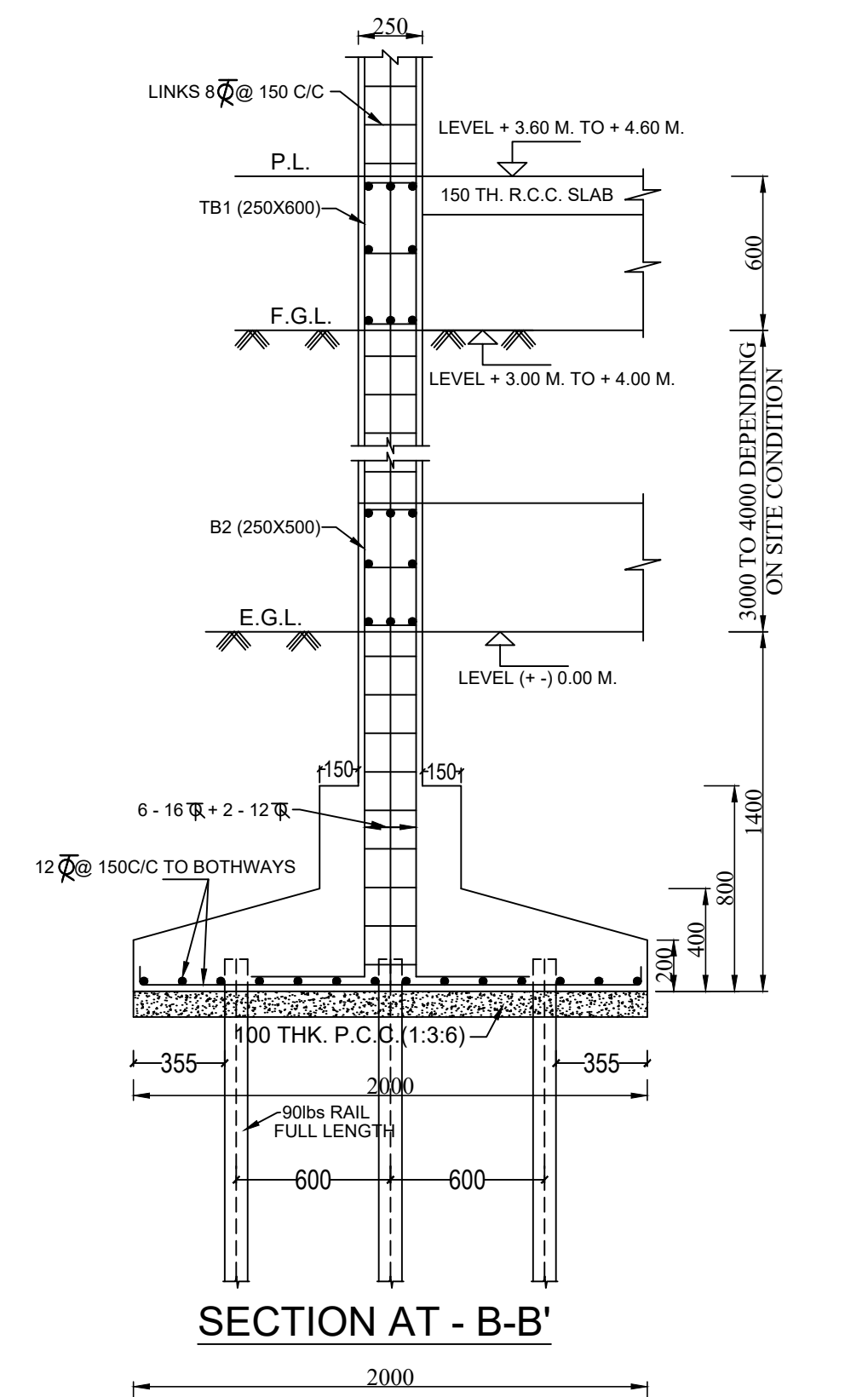
DETAILS OF R.C.C FOOTING (F6) TYP.  
SCALE-1:25



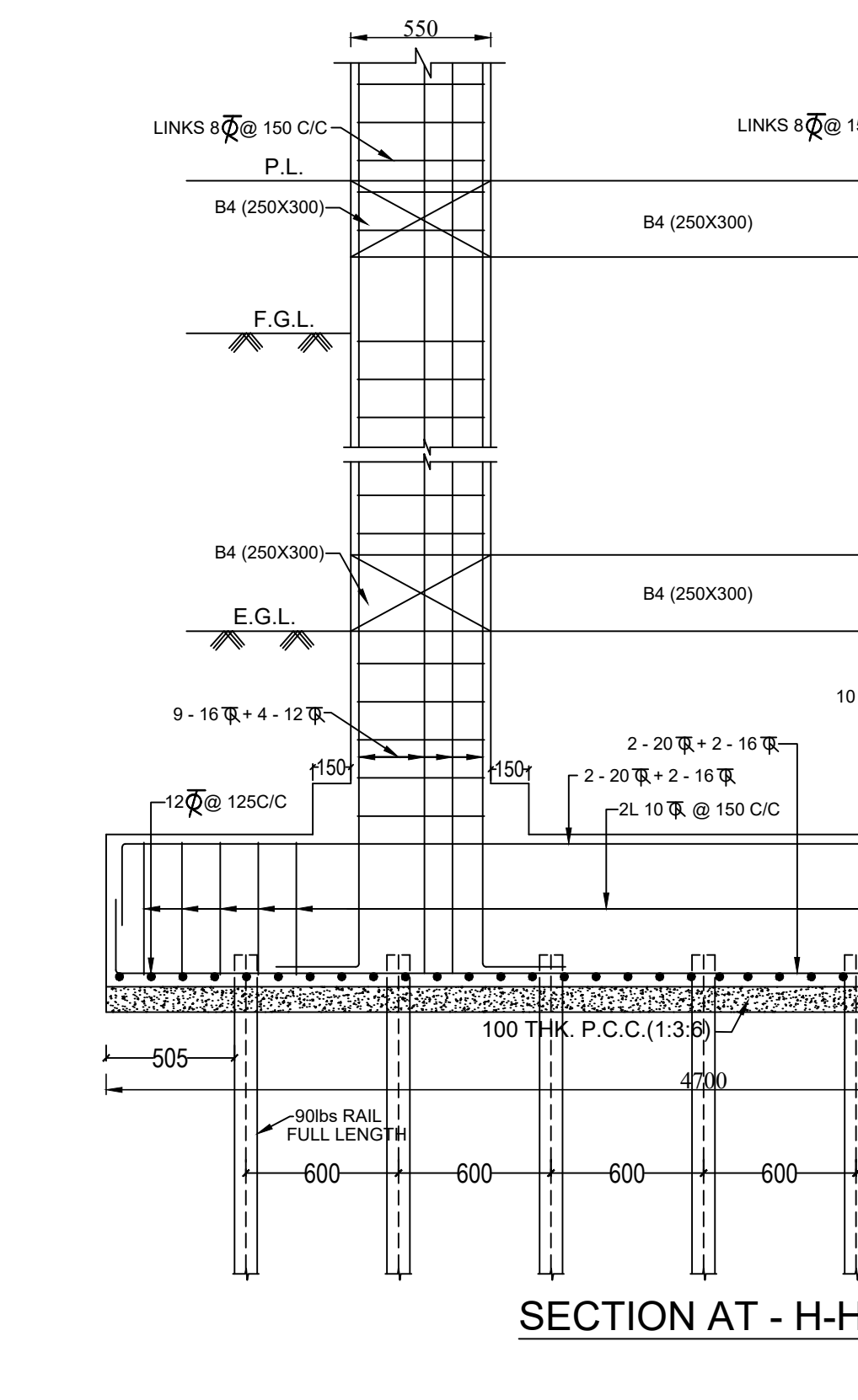
SECTION AT - G-G'



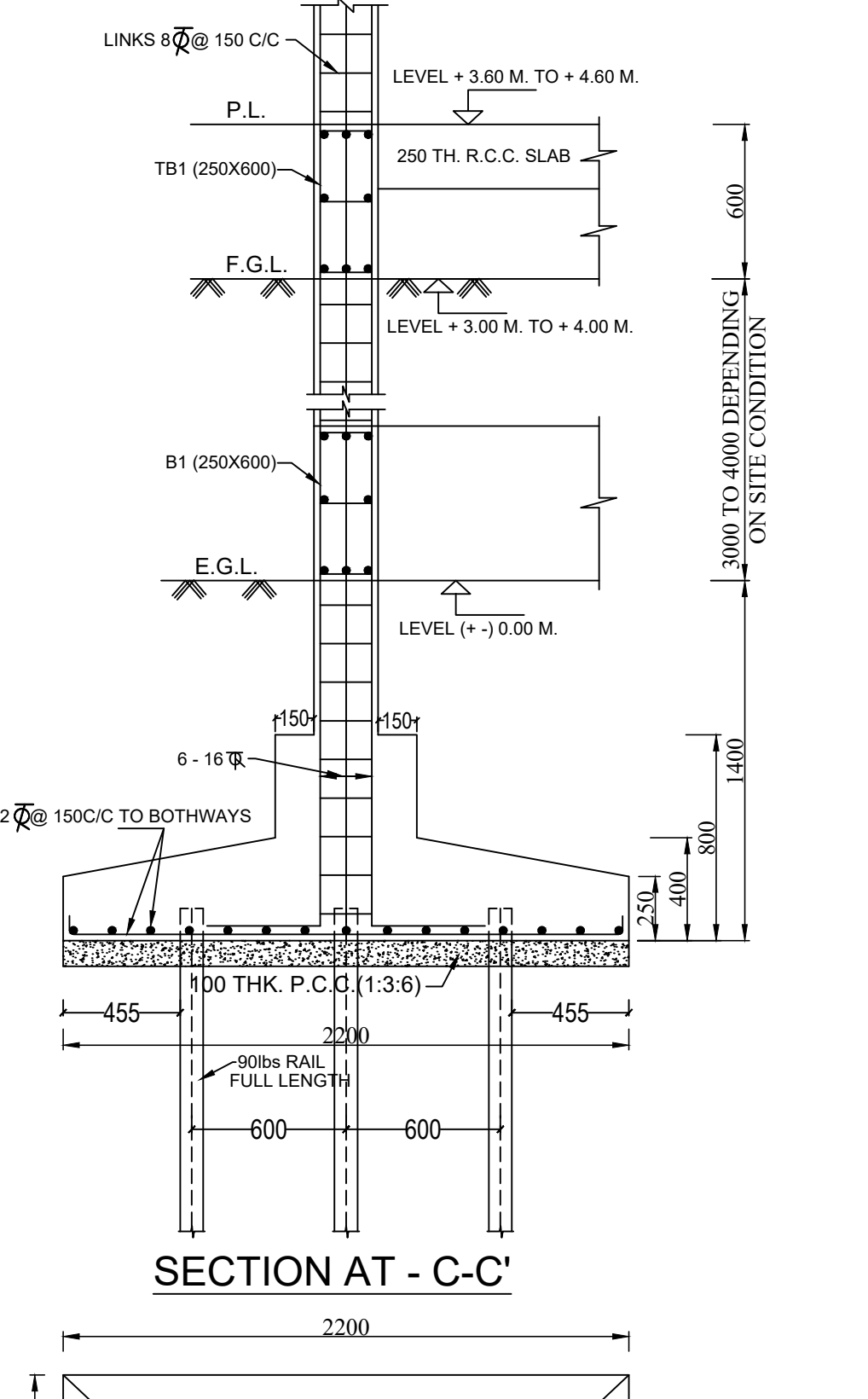
DETAILS OF R.C.C FOOTING (F1) TYP.  
SCALE-1:25



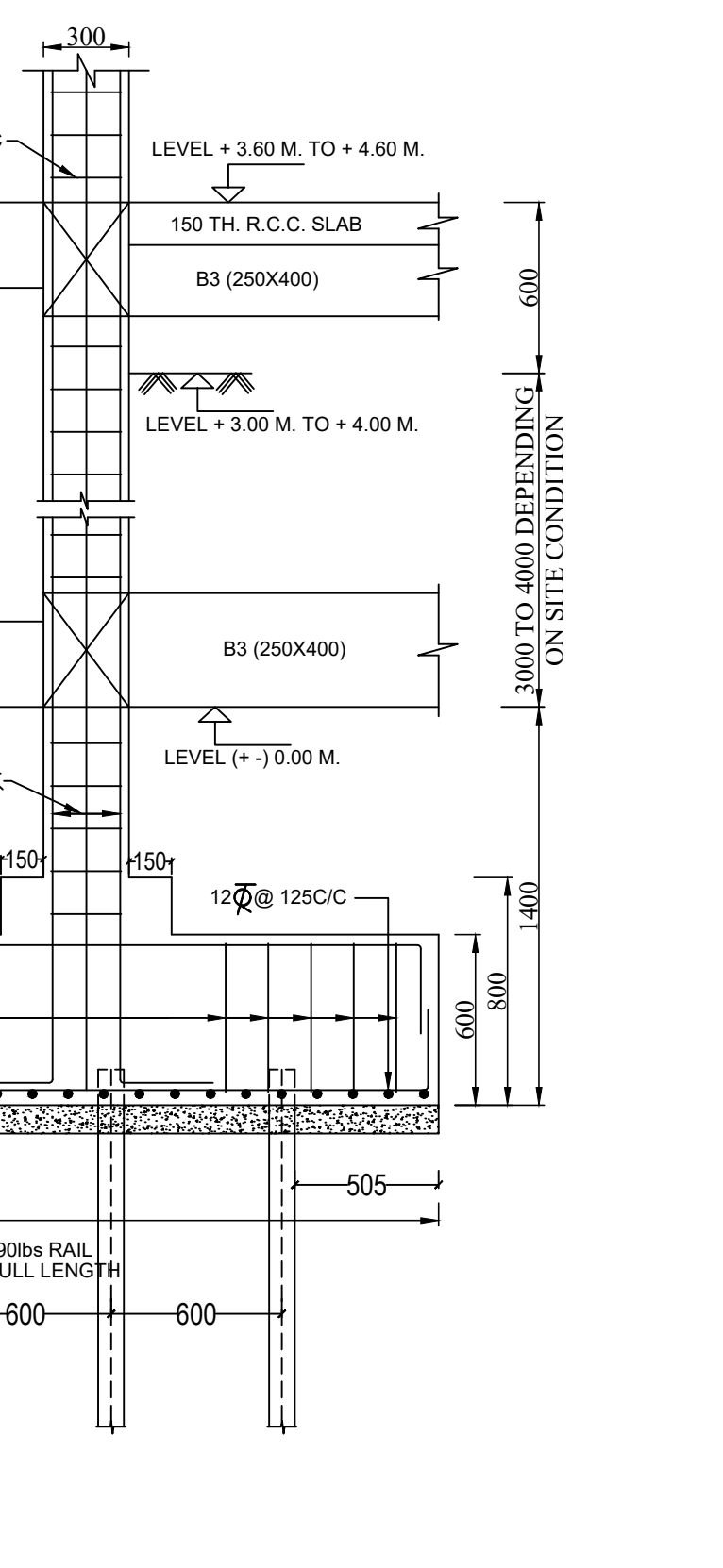
DETAILS OF R.C.C FOOTING (F2) TYP.  
SCALE-1:25



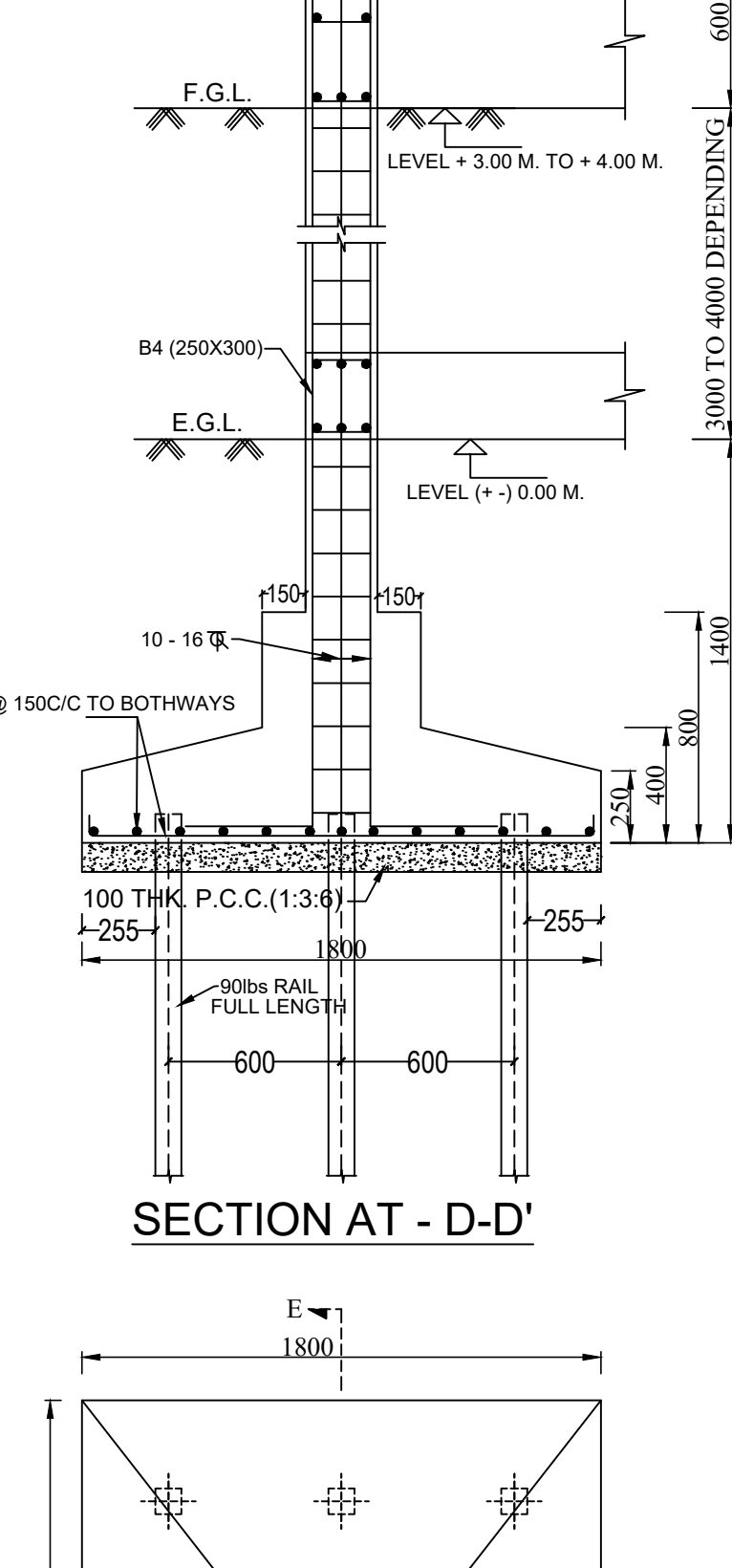
SECTION AT - H-H'



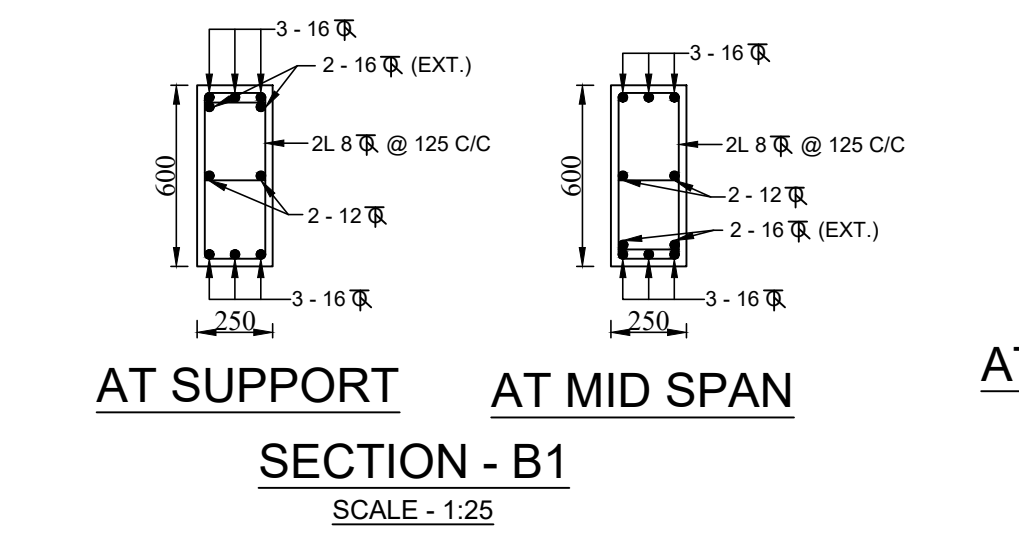
DETAILS OF R.C.C FOOTING (F3) TYP.  
SCALE-1:25



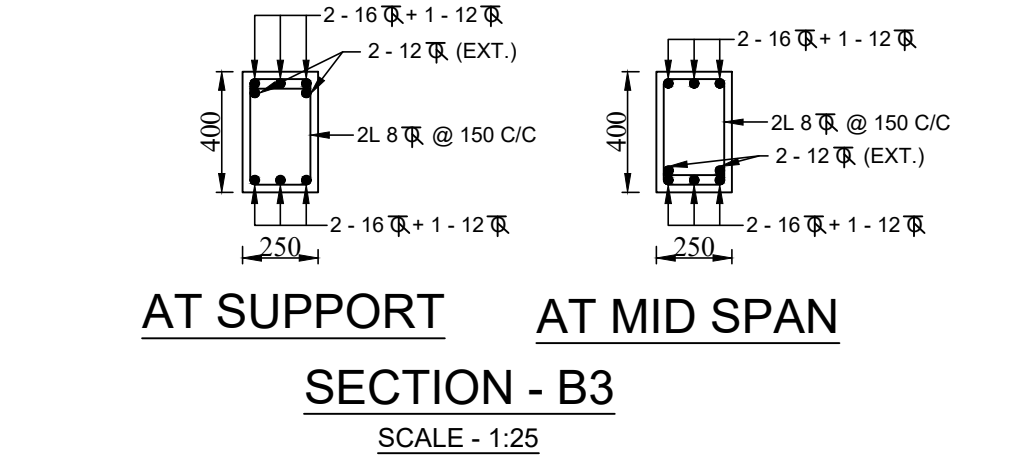
SECTION AT - D-D'



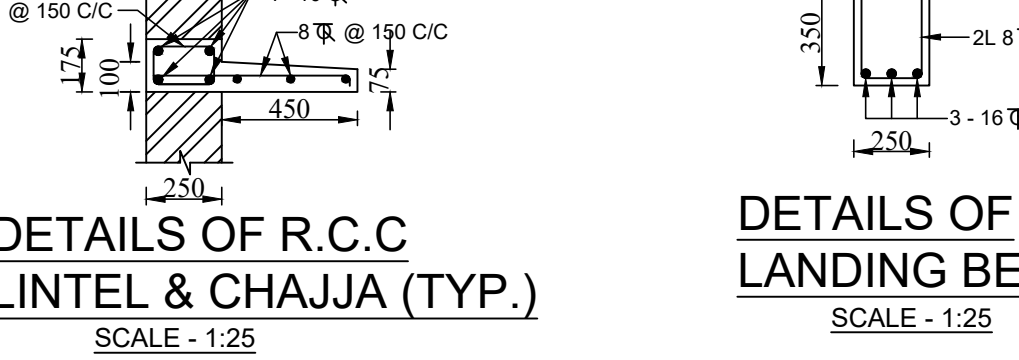
DETAILS OF R.C.C FOOTING (F4) TYP.  
SCALE-1:25



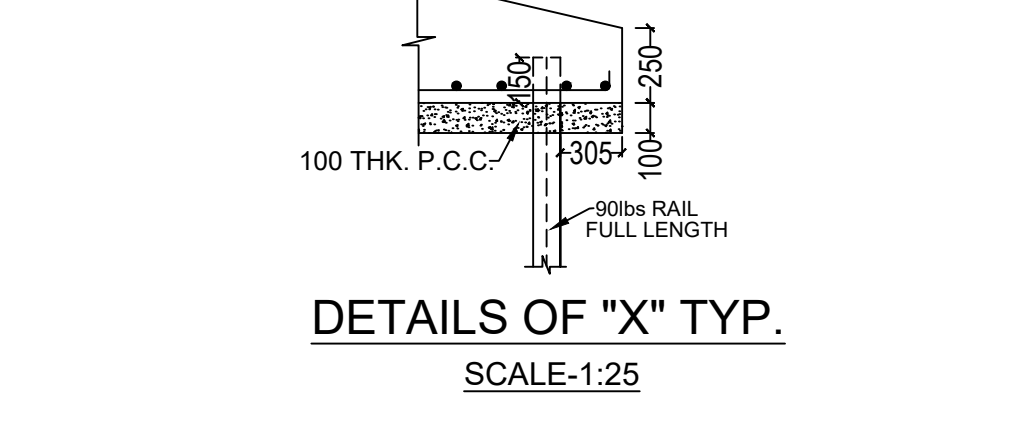
SECTION - B1  
SCALE - 1:25



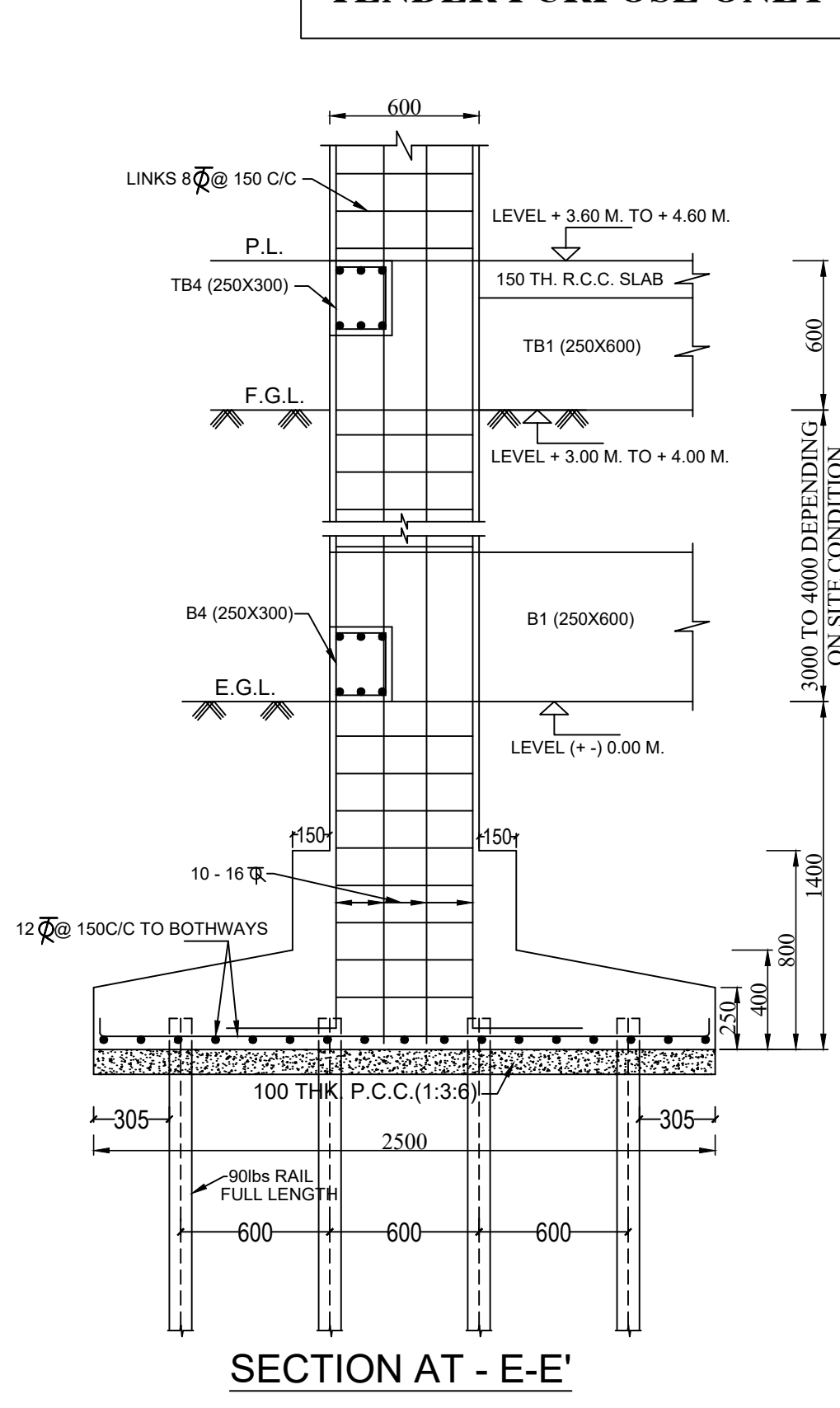
SECTION - B3  
SCALE - 1:25



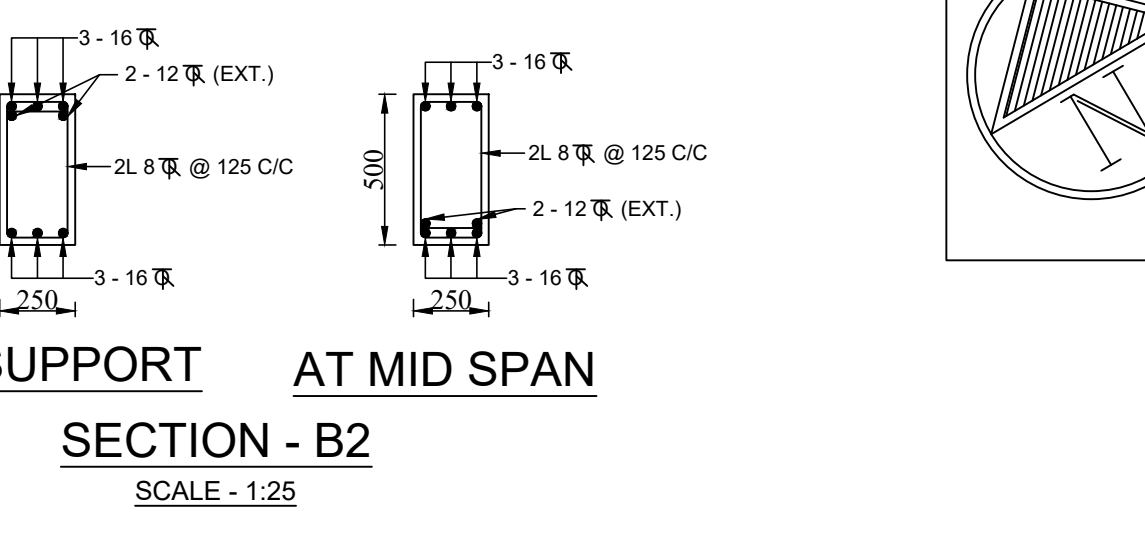
DETAILS OF R.C.C LINTEL & CHAJJA (TYP.)  
SCALE - 1:25



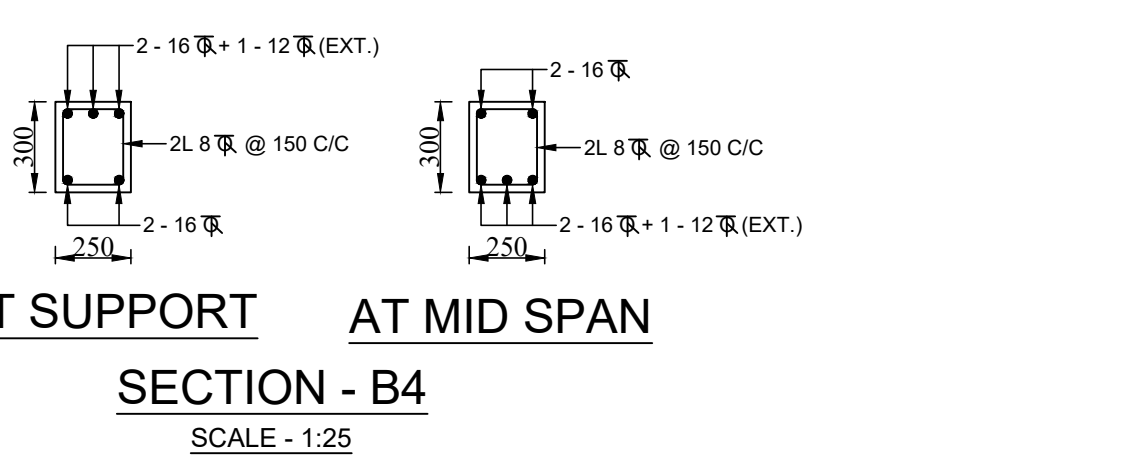
DETAILS OF "X" TYP.  
SCALE-1:25



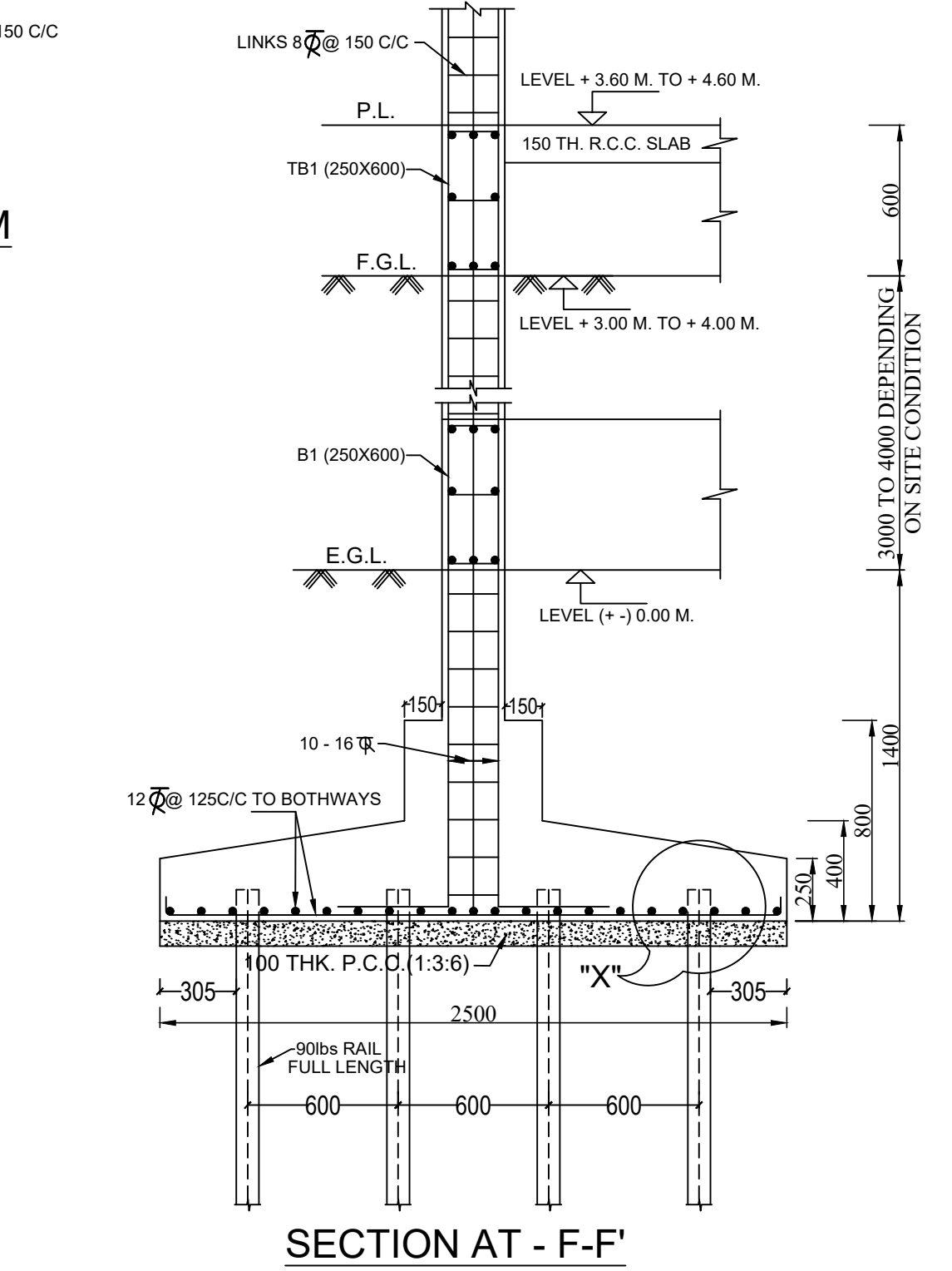
SECTION AT - F-F'



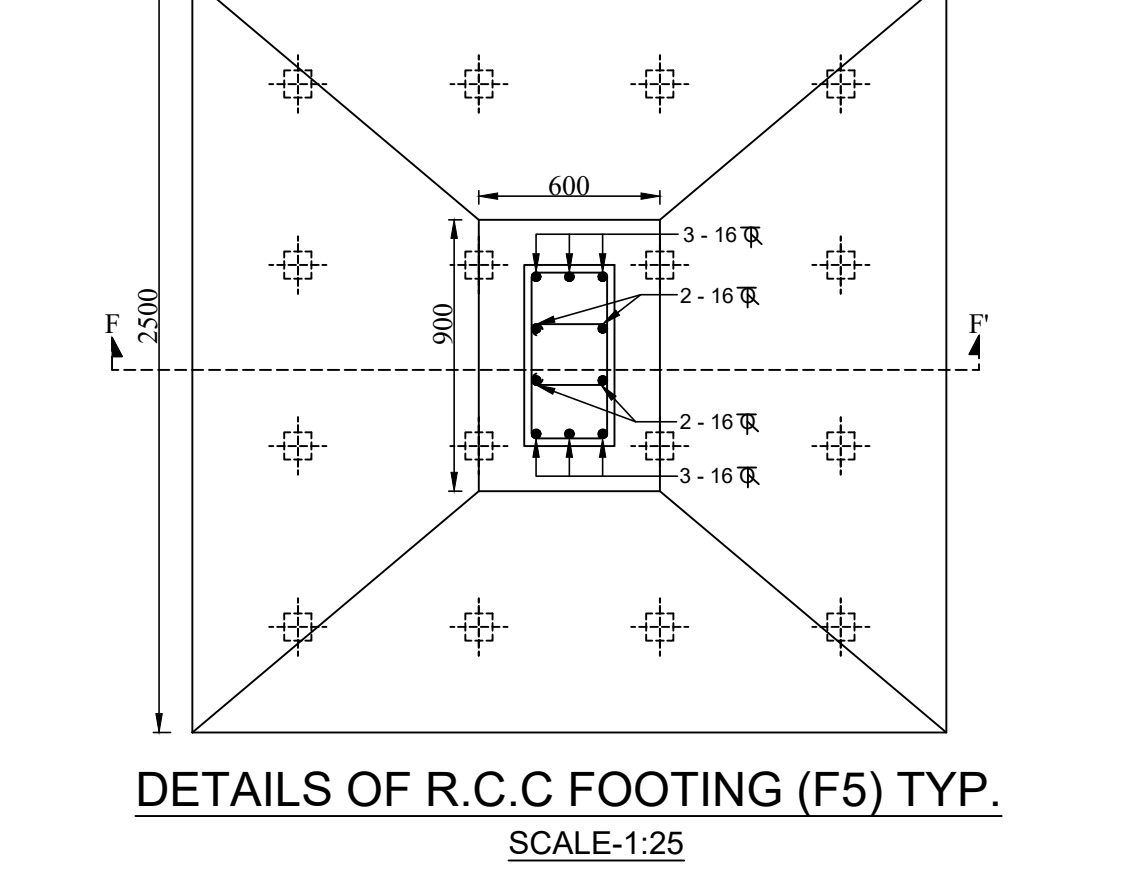
SECTION - B2  
SCALE - 1:25



SECTION - B4  
SCALE - 1:25



SECTION AT - F-F'



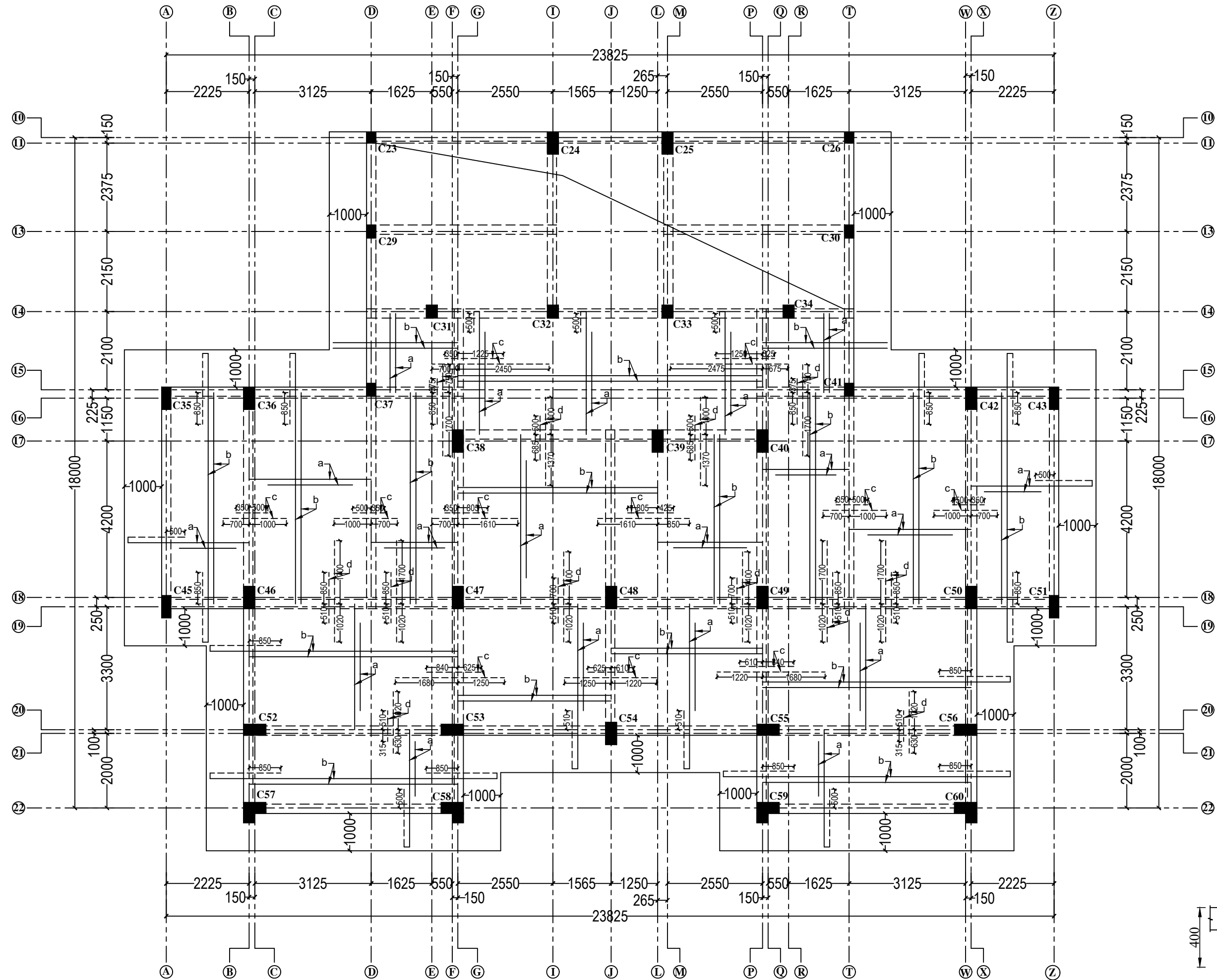
DETAILS OF R.C.C FOOTING (F5) TYP.  
SCALE-1:25

FOUNDATION DETAILS, BEAM DETAILS,  
LANDING BEAN, LINTEL & CHAJJA, OTHERS  
DETAILS OF GUEST HOUSE AT RAICHAK.

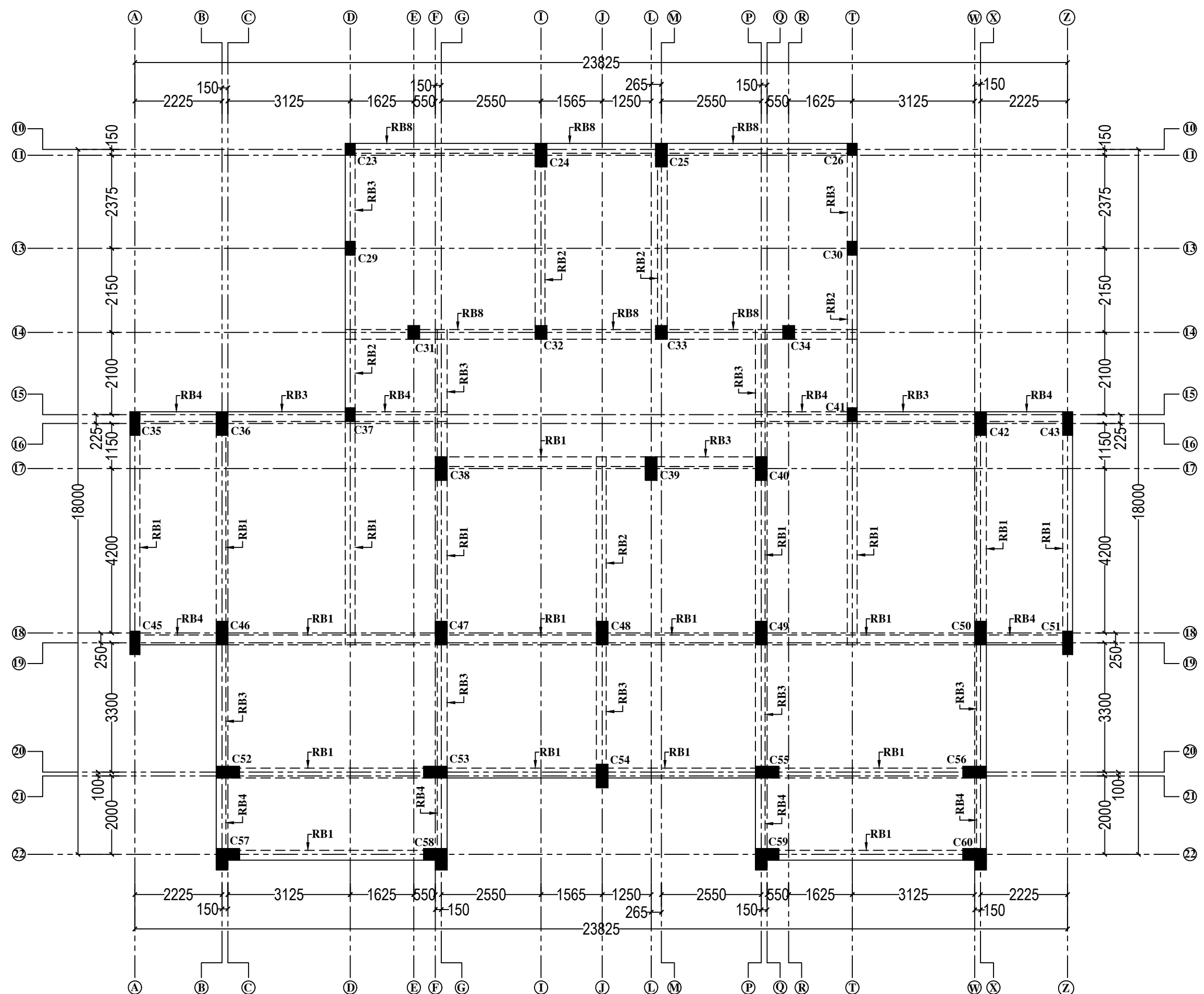
Chief Engineer	DY. Chief Engineer	Executive Engineer (DESIGN)	DRAWN BY

KOLKATA PORT TRUST			
CIVIL ENGINEERING DEPARTMENT			
SCALE	1:25,	DATE	03/09/2019
DWG. NO.	9154	REV. NO.	0 Sh-6



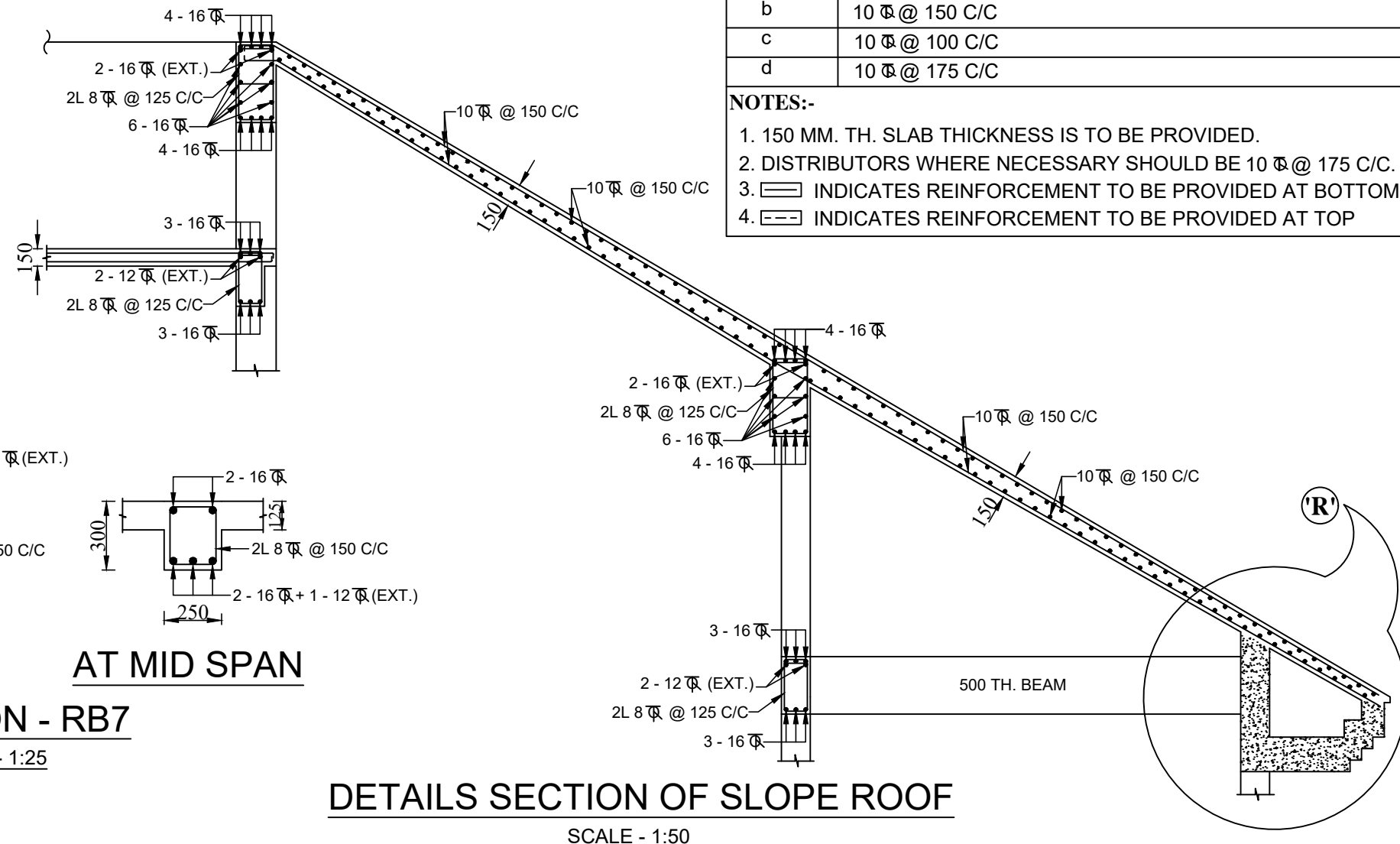


ROOF BEAM LAYOUT PLAN  
LEVEL (+)10.80M TO (+) 11.80M DEPENDING  
ON SOIL & SITE CONDITION

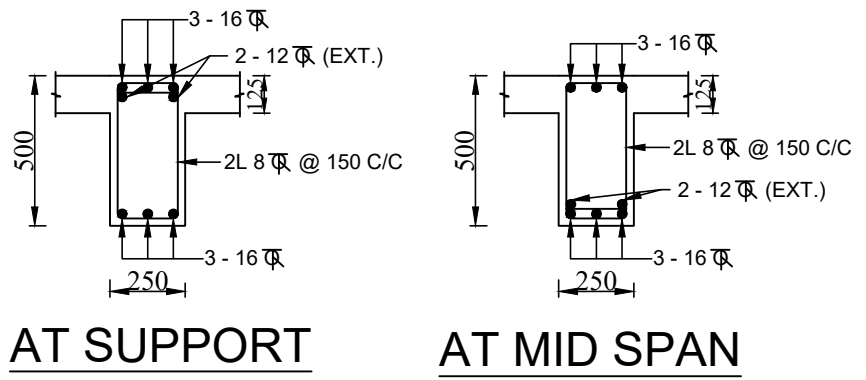


ROOF BEAM LAYOUT PLAN  
LEVEL (+)10.80M TO (+) 11.80M DEPENDING  
ON SOIL & SITE CONDITION

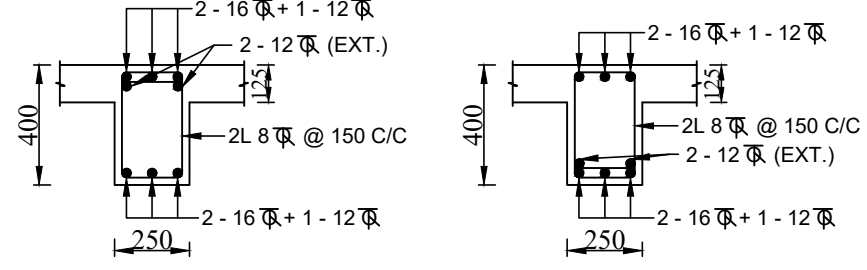
REINFORCEMENT DETAILS OF SLAB	
BAR MARKED	REINFORCEMENT DETAILS
a	10 ̢ @ 150 C/C
b	10 ̢ @ 150 C/C
c	10 ̢ @ 100 C/C
d	10 ̢ @ 175 C/C
NOTES:-	
1. 150 MM. TH. SLAB THICKNESS IS TO BE PROVIDED.	
2. DISTRIBUTORS WHERE NECESSARY SHOULD BE 10 ̢ @ 175 C/C.	
3.  INDICATES REINFORCEMENT TO BE PROVIDED AT BOTTOM	
4.  INDICATES REINFORCEMENT TO BE PROVIDED AT TOP	



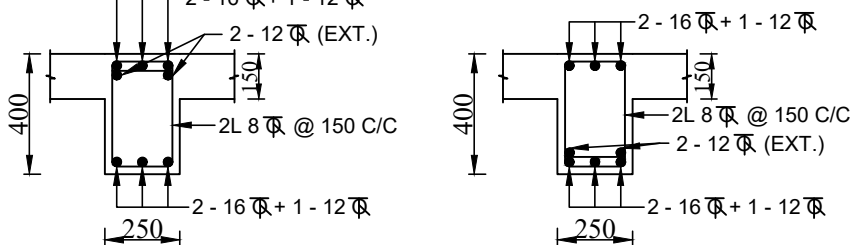
AT SUPPORT AT MID SPAN  
SECTION - RB7  
SCALE - 1:25



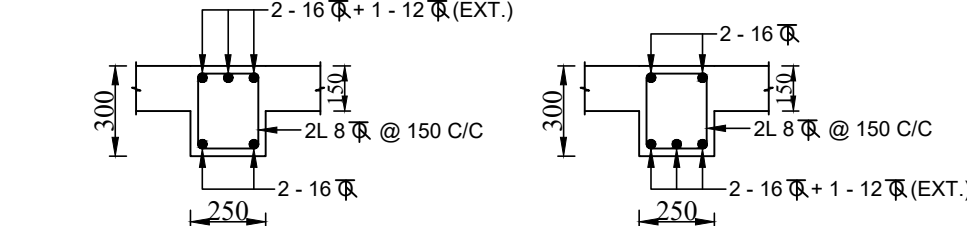
AT SUPPORT AT MID SPAN  
SECTION - RB5  
SCALE - 1:25



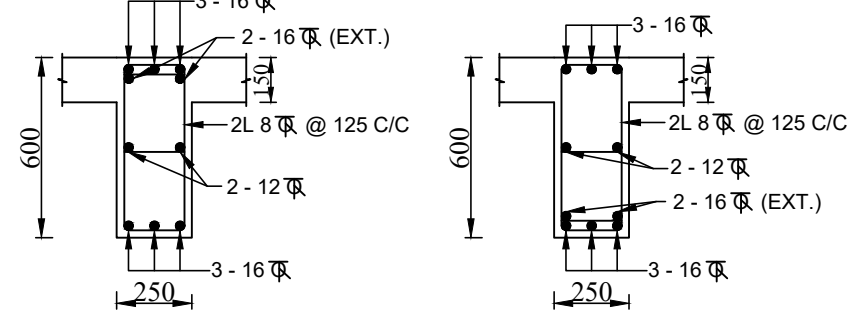
AT SUPPORT AT MID SPAN  
SECTION - RB6  
SCALE - 1:25



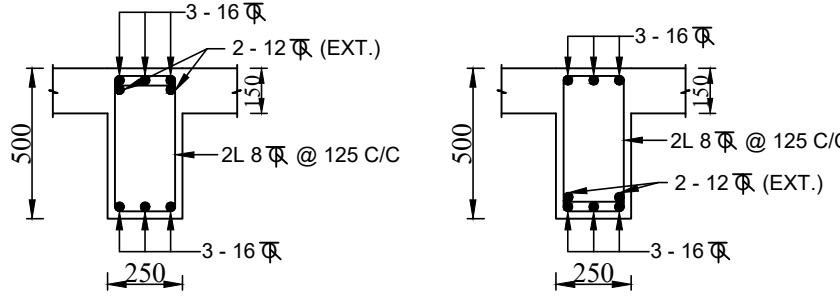
AT SUPPORT AT MID SPAN  
SECTION - RB3  
SCALE - 1:25



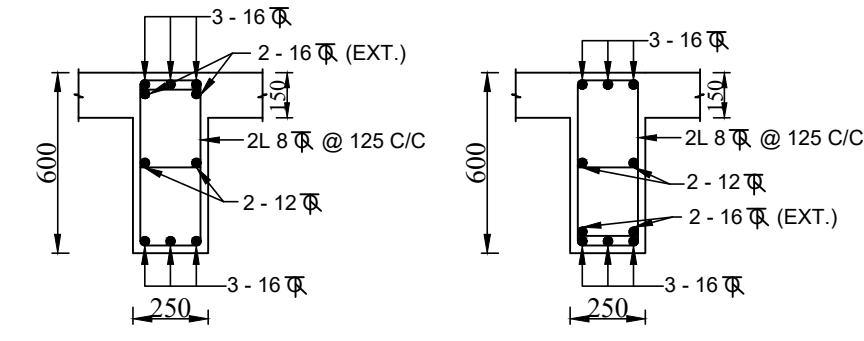
AT SUPPORT AT MID SPAN  
SECTION - RB4  
SCALE - 1:25



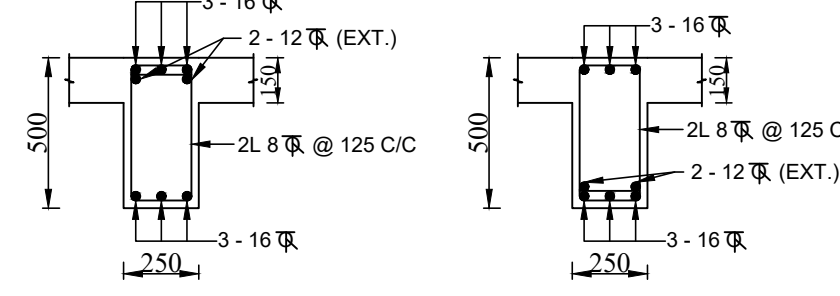
AT SUPPORT AT MID SPAN  
SECTION - RB1  
SCALE - 1:25



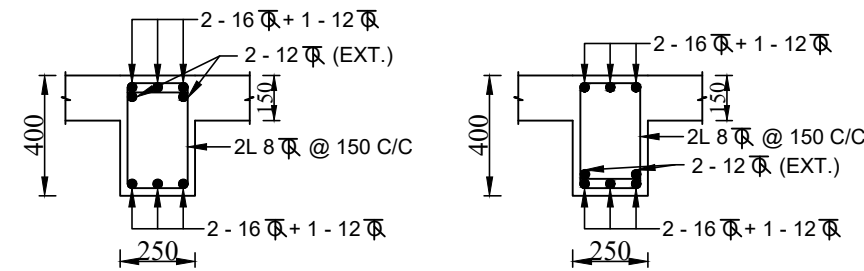
AT SUPPORT AT MID SPAN  
SECTION - RB2  
SCALE - 1:25



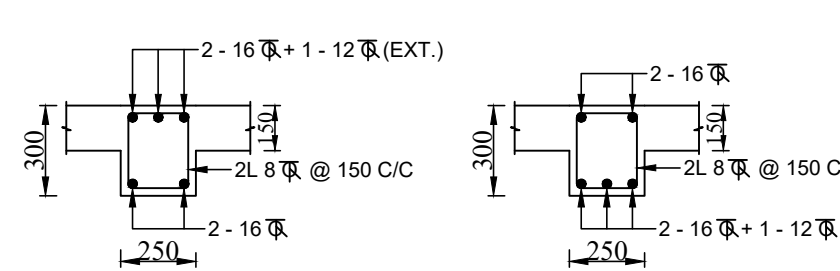
AT SUPPORT AT MID SPAN  
SECTION - FB1  
SCALE - 1:25



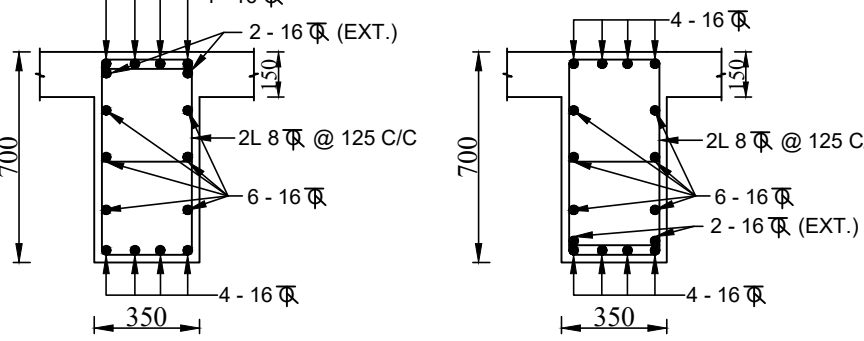
AT SUPPORT AT MID SPAN  
SECTION - FB2  
SCALE - 1:25



AT SUPPORT AT MID SPAN  
SECTION - FB3  
SCALE - 1:25

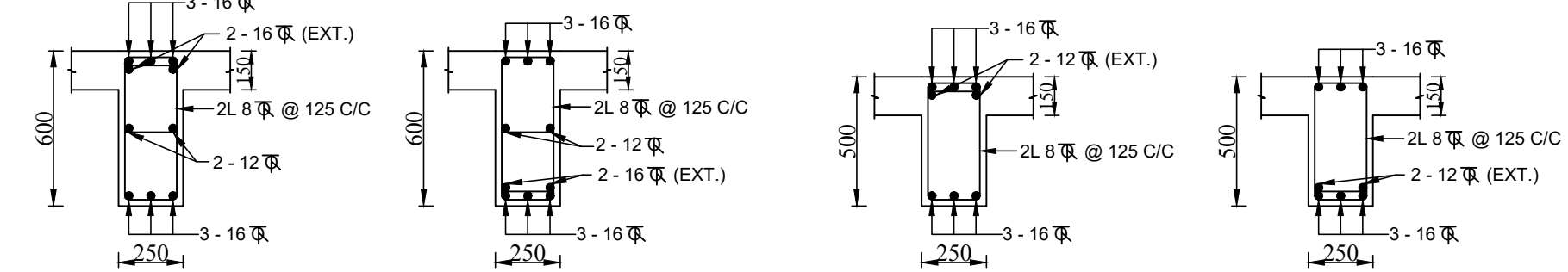


AT SUPPORT AT MID SPAN  
SECTION - FB4  
SCALE - 1:25

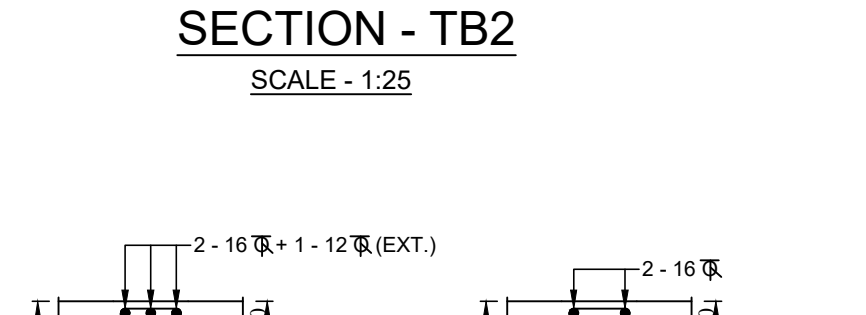


AT SUPPORT AT MID SPAN  
SECTION - RB8  
SCALE - 1:25

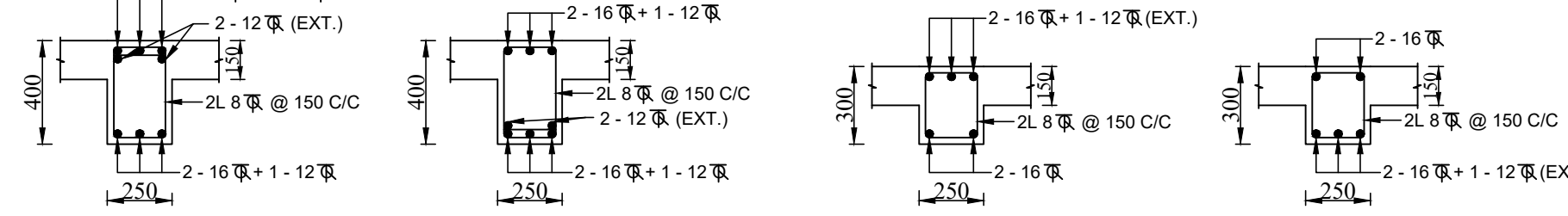
REINFORCEMENT DETAILS OF COLUMN			
COLUMN MKD.	FOUNDATION TO PLINTH	GROUND FLOOR	FIRST FLOOR
C1, C2, C3, C4, C7, C8, C9, C10.			
C5, C6, C11, C12.			
C13, C14, C17, C18, C19, C20, C29, C30, C37, C41.			
C15, C16, C21, C22, C62.			
C23, C26.			
C24, C25, C27, C28, C36, C38, C39, C40, C42, C44, C46, C47, C48, C49, C50, C52, C53, C54, C55, C56.			
C31, C32, C33, C34.			
C35, C43, C45, C51, C61.			
C57, C58, C59, C60.			



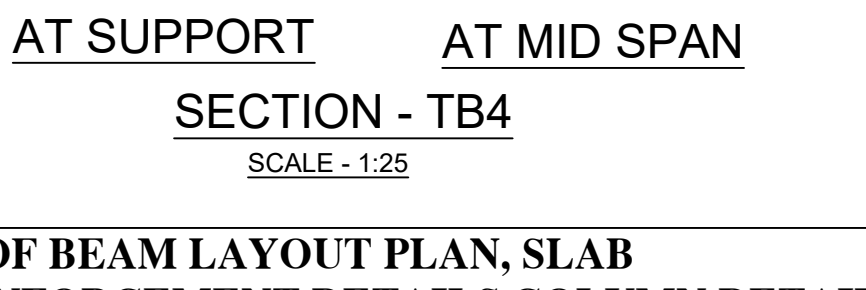
AT SUPPORT AT MID SPAN  
SECTION - TB1  
SCALE - 1:25



AT SUPPORT AT MID SPAN  
SECTION - TB2  
SCALE - 1:25

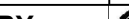


AT SUPPORT AT MID SPAN  
SECTION - TB3  
SCALE - 1:25



AT SUPPORT AT MID SPAN  
SECTION - TB4  
SCALE - 1:25

TENDER PURPOSE ONLY

Chief Engineer	DY. Chief Engineer	Executive Engineer (DESIGN)	DRAWN BY	 <div>KOLKATA PORT TRUST</div> <div>CIVIL ENGINEERING DEPARTMENT</div> <table><tr><td>SCALE</td><td>1:25, 1:50, 1:100.</td><td>DATE</td><td colspan="2">03/09/2019</td></tr><tr><td>DWG. NO.</td><td>9154</td><td>REV. NO.</td><td>0</td><td>Sh-5</td></tr></table>	SCALE	1:25, 1:50, 1:100.	DATE	03/09/2019		DWG. NO.	9154	REV. NO.	0	Sh-5
SCALE	1:25, 1:50, 1:100.	DATE	03/09/2019											
DWG. NO.	9154	REV. NO.	0		Sh-5									
				SCALE	1:25, 1:50, 1:100.	DATE	03/09/2019							
				DWG. NO.	9154	REV. NO.	0	Sh-5						



