



GOVERNMENT OF ODISHA
PANCHYATI RAJ & DRINKING WATER DEPARTMENT
BID IDENTIFICATION NO. 04/HRB/2025-26
DETAIL TENDER CALL NOTICE
BID DOCUMENTS
PANCHAYAT SAMITI
HARABHANGA

Sl. No	Name of the Project & Location	Approx cost (In Rs.) excluding GST
1	2	3
1	Construction of Additional class room at Karanjakata UPS.	Rs.91,53,690/-
2	Construction of upgraded high school at Karanjakata UPS	Rs.1,33,24,059/
3	Construction of multipurpose Hall at Bhairavi Degree College	Rs.1,01,98,503/

CONTRACTOR

BLOCK DEVELOPMENT OFFICER.
HARABHANGA BLOCK

**GOVERNMENT OF ODISHA
PANCHAYATI RAJ & D.W. DEPARTMENT
PANCHAYAT SAMITI OFFICE, HARABHANGA**

No: 04/HRB/2025-26-/ Date: 25.06./2026

**DETAILED TENDER CALL NOTICE
BID IDENTIFICATION No:- 04/HRB/2025-26**

1. The Block Development Officer, HARABHANGA on behalf of the Governor of Orissa invites Percentage rate bid in single cover system for the works as detailed In the table, from the class of eligible contractors as mentioned in **Col.6 (Six)**, registered with the State Government and **Experienced contractors** of equivalent grade / Class registered with Central Government/ MES / Railway, to be eventually drawn up in PWD' P-1 form, for execution of Building. The proof of registration from the appropriate authority shall be enclosed along with the bid. If successful, the bidder who has not registered under State Government has to register under the State PWD In appropriate class of eligibility before signing the agreement. Bidders may submit bids for any or all the following works.

Sl. No.	Name of the Project & Location	Approx cost (In Rs.) excluding GST	EMD, Bid Security @ 1%	Cost of tender paper	Class of contractor	Time required for Completion
1	2	3	4	5	6	7
1	Construction of Additional class room at Karanjakata	Rs.91,53,690/-	Bid Security Declaration as per Annexure-I of Bid Document	Rs.10,000/	"B "& "A"	09(nine)Calendar Months
2	Construction of upgraded high school at Karanjakata	Rs.1,33,24,059/	Bid Security Declaration as per Annexure-I of Bid Document	Rs.10,000/	"B "& "A"	09(nine)Calendar Months
3	Construction of multipurpose Hall at Bhairavi Degree College	Rs.1,01,98,503/	Bid Security Declaration as per Annexure-I of Bid Document	Rs.10,000/	"B "& "A"	09(nine)Calendar Months

2. Bid documents consisting of plans, specification, the schedule of quantities and the set of terms & conditions of contract and other necessary documents can be seen in the office of the Panchayat Samiti, HARABHANGA during office hours every day except on Sunday & Public holidays till last date of sale and receipt of tender paper. Interested bidders may obtain further information at the same address.

3. Bids must be accompanied with E.M.D. (Bid Security) of the amount specified for the work in the table at **Col.4** above in slip of N.S.C./K.V.P./P.O.T. D/ Post Office Savings Pass Book/ Deposit receipt of any Scheduled Bank (Valid minimum one year from the date of receipt) duly pledged in favour of Block Development Officer, HARABHANGA. Bids without E.M.D. or in other shape will not be considered and liable for rejection.

N.B:-E.M.D. in shape of Cash / Pay Orders or Bankers Cheques / Bank Draft is not acceptable.

4. The sale of the bid document shall start from dt.**01.07.2026 to 15.07.2026 between 10.00 A.M To 5.00P.M (Except 15.07.2026 last date of sale of the bid document)** in the office of the **Block Development Officer, HARABHANGA** during office hour. The cost of bid document as mentioned in **Col.5** has to be paid by each bidder in shape of demand draft drawn in favour of **Block Development Officer, HARABHANGA payable at HARABHANGA** from any nationalized Bank. This is non-refundable. Sale of bid document will be closed at **1.00 P.M.** on dt. **15.07. 2026.** The bid document may also be downloaded from website-<http://www.boudh.nic.in> during this period. The intending tenderers downloading the tender document has to pay the cost of tender paper for each set **Rs.10,000/-** in shape of **demand draft payable at SBI, Charichhak infavour of Block Development Officer, HARABHANGA.**

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5. Bids shall be received in the office of the Panchayat Samiti, HARABHANGA, till dt. **15.07.2026** up to **5.00PM- through Registered Post/Speed Post only**. The authority will not be held responsible for postal delay in the delivering of the documents or non-receipt of the same.
6. Bidders shall submit an original affidavit regarding the authenticity of their documents and E.M.D. along with their bids. Bids shall be accompanied with attested true copy of valid registration certificate, GSTIN and PAN card, otherwise his/ her bids shall be declared as non-responsive and thus liable for rejection. The original certificates of the lowest three bidders are to be produced before Asst.Executive Engineer, HARABHANGA Block for verification.
7. Bidders can submit **one tender paper** only. Submission of more than one tender paper by a bidder for particular work will be liable for rejection.
8. The bid will be opened at **11. 00 A.M.** on dt. **17.07.2026** in the office of the undersigned, In the presence of the bidders or their authorized representatives, who wish to attend. If the office happens to be closed on the last date of sale and receipt / opening of the bids as specified, the bid will be sold and received / opened on the next working day at the same time and venue.
9. If more than one bidder became eligible to get the tender, then the tender accepting authority will finalize the tender through a transparent lottery system, where all bidders/ their authorized representatives, the tender inviting authority/ his authorized representative and Accounts Officer of Block will remain present.
10. Additional Performance Security shall be obtained from the bidder when the bid amount is less than the estimated cost put to tender. In such an event, only the successful bidder who has quoted less bid price/ rates than the estimated cost put to tender shall have to deposit the **Additional Performance Security (APS)** (Vide **Office Memorandum No.173/W dt. 03.01.2026 of Works Department, Government of Odisha**) in shape of N.S.C /K.V.P./P O.T.D / Post Office Savings Pass Book / Deposit receipt of any Scheduled Bank (Valid minimum one year from the date of receipt) duly pledged in favour of **Block Development Officer, HARABHANGA** within **7(seven) days of issue of letter of acceptance(LoA)** otherwise the bid shall be cancelled and the earnest money deposit/ bid security shall be forfeited. Further proceeding for blacklisting shall be initiated against the bidder. (Vide **Office Memorandum No.14459/W dt. 20.09.2018 of Works Department, Government of Odisha**).
11. For Building and other Construction Workers Welfare Cess@ 1% (One Percentage) of the cost of construction shall be deducted from bills.
12. Other details can be seen in the bidding documents.
13. Checklist is to be duly filled in.
14. Engineer Contractor desires to avail the facility of exemption of E.M.D. is required to submit an affidavit to the effect that he/she has not yet availed the facility/participated in the tender for more than two works (excluding this work) during the current financial year. The name of work for which and the authority to which the tender is being submitted must be mentioned in the affidavit, failing which the tender will be rejected.
15. The ST/SC contractor desires to avail price preference are required to submit an affidavit with Govt. circular.
16. Any corrigendum/addendum will be displayed in the website <https://boudh.odisha.gov.in> only. So that the bidders are requested to visit the above web site regularly for any changes, since it will not be published in the paper again.
17. Conditional tender will summarily be rejected.
18. The undersigned reserves the right to cancel/reject the tender/bid without assigning any reasons thereof.
19. **Experience Certificate with relevant documents.**
20. **Bidder should must be mentioned the Sl. No. and name of the work on the top of the sealed cover page of the tender paper, falling which the tender will be rejected.**

**Block Development Officer,
HARABHANGA**

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Memo No.....**2355**...../ Dtd...**25.06.2026**.....

Copy advertisement Officer the Samaja, Sambada& Dharitri for information with request for arranging the publication of the Tender Call Notice (Minimun Size) in Odia daily News Paper (**Sambalpur Edition**) only for one day for wide circulation at the rate prescribed by the Govt. I & PR Deptt. And submit the bill for payment within amounting to Rs.6000/-.

**Block Development Officer,
HARABHANGA**

Memo No.....**2356**...../ Dtd...**25.06.2026**.....

Copy to the Deputy Secretary to Govt.Panchayati Raj &DW Deptt, Odisha for favour of Kind Information.

**Block Development Officer,
HARABHANGA**

Memo No.....**2357**..... / Dtd.....**25.06.2026**.....

Copy submitted to Collector & District Magistrate, Boudh/ CDO-cum-EO, Zilla Parishad, Boudh for favour of kind information.

**Block Development Officer,
HARABHANGA**

Memo No.....**2358**..... / Dtd.....**25.06.2026**.....

Copy submitted to the Suptd. Of Police, Boudhfavour of kind information.
Copy to Inspector-in-charge, Purunakatak Police Station for information. She/He is requested to arrange the police force in the office of the undersigned for smooth completion of the tender process on dt **17.07.2026. at 11:00 AM.**

**Block Development Officer,
HARABHANGA**

Memo No.....**2359**..... / Dtd.....**25.06.2026**.....

Copy submitted to the Sub-Collector, Boudh for favor of kind information
Copy Forwarded to Block Development Officers of Boudh/ Kantamal/ All District Level Officers of Boudh District for information with a request to display the notice in their respective office notice boards for wide publication.

**Block Development Officer,
HARABHANGA**

Memo No.....**2360**..... / Dtd.....**25.06.2026**.....

Copy to Tahsildar Harabhangal/ CDPO Harabhangal for information with a request to display the notice in their respective office notice boards for wide publication.

Copy to Office Notice Board for wide publication of General people.

**Block Development Officer,
HARABHANGA.**

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CHECKLIST TO BE ENSURED BY THE BIDDER

Sl. No	Particulars	Whether furnished		Reference to Page no.
		Yes	No	
01.	Cost of tender paper Rs.10,000.00 (Original financial instrument shall be furnished)			
02.	E.M.D 1% of the Estimated cost			
	E.M.D 2% of the estimated cost deploying machineries outside the State			
03.	Copy of valid Registration Certificate			
04.	Copy of valid VAT clearance certificate			
05.	Copy of PAN Card			
06.	No Relationship Certificate in Schedule – A			
07. (A)	Information regarding current litigation, debarring / expelling of the tender or abandonment of the work by the tenderer (Schedule-E)			
(B)	Affidavit (Schedule-F)			
08. (A)	Tools & Plants and machineries as per the requirement in Schedule-C (Minimum 70% marks to be obtained) and Annexure-I (Proof of ownership of Tools & Plants and machineries is to be furnished in shape of copy of invoices / required sale deed in case of 2 nd purchase / required lease deed with owner ship documents of the leaser duly attested. In case of centering & shuttering materials certificate of the Executive Engineer of Works Department within 90 days of last date of receipt of tender is allowed.			
09.	Affidavit of Joint Venture in case of Composite Building work.			
10.	Undertaking non-association with department Calling tenders.			
11.	Experience Certificate with relevant documents.			

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DETAILED TENDER CALL NOTICE

Sealed Percentage rate bids are invited in Single cover system from the Class of eligible contractors registered with the State Government and contractors of equivalent Grade / class registered with Central Government / MES / Railways having registration for Civil, Electrical and P.H. works for execution of Civil / E.I. / P.H. works on production of definite proof from the appropriate authority in prescribed form to be eventually drawn in P.W.D. FORM P-1 for the work Construction of Upgraded High School at Karanjakata UPS .

- (a) This tender is of composite work basis and only tenderers with sound financial background capable of investing required amount for advance procurement of all materials required for the work need apply. Department shall not supply any material at all for the work.
 - (b) This detailed Tender Call Notice along with the clauses mentioned herein shall form a part of the contract and agreement.
2. The Bid documents are available on official website <https://boudh.odisha.gov.in> from 01.07.2026 to 15.07.2026 up to 1.00 PM. The last date and time of submission of Bid is as per contract data.
3. The Bid documents will be opened by the assigned officer in the office of the Panchayat Samiti, HARABHANGA, at 11.00A.M on 17.07.2026 in the presence of the bidders or their authorized representatives who wish to attend.
4. The cost of Bid documents in shape of demand draft issued from any nationalized/ scheduled bank may be prepared in the name of the **Block Development Officer, HARABHANGA** and payable at HARABHANGA of Rs.10,000.00 (Rupees Ten Thousand) only towards cost of tender paper separately for bid respectively. The bid document will be available from 01.07.2026 to 15.07.2026 between 10:00 AM to 1:00 PM in the office of Panchayat Samiti, HARABHANGA. The bid document can also be downloaded from website www.boudh.nic.in during this period. The intending tenderers down loading the tender document has to pay the cost of tender paper for each set Rs.10,000.00 in shape of bank draft payable at SBI, CHARICHHAK in favour of Block Development Officer, HARABHANGA. The original copy of the Demand Draft or money receipt shall be attached to bid documents submitted.
5. The bid is to be submitted in single covers along with. EMD, Cost of bid document, DTCN, Xerox copy of registration certificate, valid GSTIN, certificate, undertaking / certificates duly filled, affidavit, and documents required as per the relevant clauses of this DTCN. Up to . 5.00 PM by REGISTERED POST / SPEED POST ONLY.
6. The intending bidders are required to produce documents viz original Registration, valid GISTIN Certificate, PAN card after opening of Technical Bid for verification purpose in the latter stage along with the original documents relating to ownership and hiring of plants and machineries mentioned at Annexure-I, preferably within three working days from the date of opening of the tender. Furnishing Xerox copy of such documents along with the Bid is mandatory otherwise his/ her bid shall be declared as non-responsive and thus liable for rejection.
7. (i) The Contractors are required to furnish scanned copy of evidence of ownership of principal machineries/ equipment as per Annexure-I for which contractor shall have to secure minimum 70% of marks failing which the tender shall be liable for rejection.
(II) In case the contractor proposes to engage machineries and equipment as asked for in the tender document, owned or hired but deployed outside the State, he/she is required to furnish additional 1% EMD/Bid Security. The entire bid security including the additional bid security shall stand forfeited in case the contractor fails to mobilize the machineries within a period as to be able to execute an item of work as per original program which will be part of the agreement.
(III) The contractor intending to hire/lease equipments/machineries are required to furnish proof of ownership from the company/person providing equipments/machineries on hire/lease along with contracts/ agreements/lease deed and duration of such contract. The contracts/agreements/lease deed should be on long term basis for a minimum period of 09(Nine) months as mentioned in contract data from the last date of receipt of Bid documents.
8. The companies or individuals registered with State Government and contractors of equivalent Grade / class registered with Central Government / MES / Railways having registration for Civil, Electrical and P.H. works having both legal competency and expertise in Civil, Public Health and Electrical Engineering works need put tenders for this composite work and the documentary evidence under appropriate Act in support of their legal competency and expertise to execute Civil, Electrical and P.H. work invariably should accompany their tender papers. The Civil Contractor in order to take part in the Composite tender

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should enter into a sub-contract agreement with eligible Electrical Contractors having valid **M.V.** license (Associate with the sub-contractor) and a copy of such agreement for the work after due registration should be attached with the Tender in original and this shall also form a part of the tender. If the Civil Contractor is having registration in Electrical works under the same name and style, the question of joint venture does not arise. The tender papers shall bear signature of authorized person of the tenderer, the letter of authorization should accompany tender papers. The authorization should clearly indicate the name of legal person to sign and enter in to agreement and receiving payment and will be responsible for all contractual obligations for execution of work for Civil and Electrical Items of work to the Engineer-in- Charge.

9. (i) The contractor will be drawn in P.W.D. P-1 contract form and will constitute as follows.

a. Part – (A) : For Civil items of works

The contract shall be drawn & signed by **Block Development Officer, HARABHANGA** on behalf of the Governor of Odisha.

(ii) The Civil items of works as per Part-I of Schedule of quantities, Electrical items of works (both internal & external) as per part-II of Schedules of quantities and P.H. items of works (both internal & external) as per Part-III of the Scheduled of quantities of the Agreement shall be supervised measured and check measured by the authorized persons of the respective works.

10. If an individual makes the application, the individual should sign above his full type written name and current address.

11. If the application is made by proprietary firm, it shall be signed by the proprietor above his full type written name and the full name of his firm with its current address.

12. If the application is made by a firm in partnership, it shall be signed by all the partners of the firm above their full type written names and current address, or alternatively by a partner holding power of attorney for the firm in which case a certified copy of the power of attorney shall accompany the application. A certified copy of the partnership deed and current address of all partners of the firm shall also accompany the application.

13. If the application is made by a limited company or a corporation, it shall be signed by duly authorized person holding power of attorney for signing the application in which case a certified copy of the power of attorney shall accompany the application. Such limited company or corporation will be required to furnish satisfactory evidence of its existence along with the tenders.

14. No tenderers will be permitted to furnish their tender in their own manuscript papers. No letter should accompany the tender.

15. The tender should be strictly in accordance with the provisions as mentioned in the tender schedule. Any change in the wordings will not be accepted.

16. The work is to be completed in all respects within **9(Nine)** calendar months from the date of issue of work order. Tenderer whose tender is accepted must submit a program of work immediately after issue of work order for approval of Engineer-in-Charge.

17. All tenders received will remain valid for a period of 90 days from the last date prescribed for receipt of tenders and validity of tenders can also be extended if agreed by the tenderers and the Department.

18. The tenders shall carefully study the tentative drawings and specifications applicable to the contract and all the documents, which will form a part of the agreement to be entered in to, by the accepted tenderer and detailed specifications for Orissa, and other relevant specifications and drawings, which are available. Complaint at a future date that the tenderers have not seen plans and specifications cannot be entertained.

19. The drawings furnished with the tender are tentative and subject to revision or modification as tendered during the execution as per actual necessity and detail test conducted. But the tendered rates quoted by the tenderer will hold well in case of such modification of drawings during the time of execution and shall in no way invalidate the contract and no extra monetary compensation will be entertained. The work shall however be executed as per final approved drawing to be issued by the Engineer-in-Charge as and when required.

20. By admission of a tender for the work, a tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the work, about the quality and availability of the required quantity of material including the wheat/ rice referred to above, medical aid, labour and food stuff etc., and that rates quoted by him in the tender will be adequate to complete the work according to the specifications attached there to and that he had taken in to account all conditions and difficulties that may be encountered during its progress and to have quoted rates including labour and materials with taxes, octroi, other duties, lead, lifts, loading and unloading, freight for all materials and all other charges necessary for the completion of the work, to the entire satisfaction of the Engineer-in Charge of the work and his authorized subordinates. After acceptance of the contract rate Government will not pay any extra charges for any reason in case the contractor claims later on to have misjudged as regard availability of materials, labour and other factors.
21. The bid must be accompanied by security of the amount @ 1% (One percent) of the estimated cost put to tender along with tender in the form of Deposit receipt of [Schedule Bank / Kissan Vikash Patra / Post Office Savings BankAccount / National Savings Certificate / Postal Office Time Deposit Account](#) duly pledged in favour of the [Block Development Officer, HARABHANGA](#) and payable at [HARABHANGA](#) as per the terms and conditions laid down in OGFR and in no other form. Bidder's desirous to higher machineries or equipments from outside the state or owned but deployed outside the state are required to furnish additional 1 (one) percent EMD / Bid Security. Tenders not accompanied with E.M.D. as specified above will not be considered. No adjustment of E.M.D. from one work to another will be entertained.
(N.B.:[-Bank Draft/Pay orders or Bankers cheque from any Nationalized banks in favour of Block Development Officer , HARABHANGA shall not be considered as E.M.D\)](#))
22. The tender should be accompanied with the [Xerox copies of the valid Registration certificate, valid GSTIN and PANcard](#) which are mandatory and the original certificates are to be produced of opening of the tender before [Block Development Officer, HARABHANGA](#) for verification, otherwise his/her bid shall be declared as non-responsive and thus liable for rejection.
23. The tender containing extraneous conditions not covered by the tender notice are liable for rejection and quotations should be strictly in accordance with the items mentioned in the Tender Call Notices. Any change in the wording will not be accepted.
24. The department reserves the right of authority to reject any or all tenders received without assigning any reason whatsoever.
25. The earnest money will be retained in the case of successful tenderers and will be dealt with as per terms and condition of O.P.W.D. Code. The earnest money will be refunded to the unsuccessful tenderers on application after intimation is sent to rejection of their tenders. The retention of E.M.D. with the Department will carry no interest.
26. The Engineer-in-charge will notify the bidder / tenderer whose bid has been accepted of the award prior to expiration of the validity period by cable, telex or facsimile confirmed by registered letter. This letter (hereinafter and in the conditions of Contract called the "Letter of Acceptance") will state the sum that the Engineer-in-charge will pay the contractor in consideration of the execution, completion and maintenance of the Works by the contractor as prescribed by the contract (Hereinafter and in the contract called the "Contract Price").
The Notification of award will constitute the formation of the contract, subject only to the furnishing of a performance security (Initial Security Deposit) in form of Deposit receipt of [Schedule Bank / Kissan Vikash Patra / Post Office Savings Bank Account/National Savings Certificate / Post Office Time Deposit Account](#) duly pledged in favour of the [Block Development officer, payable at HARABHANGA](#) and in no other form, which including the amount already deposited as bid security (earnest money) shall be 2% of the value of the tendered amount (excluding 1% deposited towards hiring of equipments / machineries from outside the state if any) and sign the agreement in the P.W.D. form No. [P-1 \(Schedule XLV No. 61\)](#) for the fulfillment of the contract in the office of the [Block Development Officer, HARABHANGA](#) or as directed.
The security deposit together with the earnest money and the amount withheld according to the provision of P-1 agreement shall be retained as security for the due fulfillment of this contract and additional performance security in accordance with the provisions of the agreement.

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The agreement will incorporate all agreements between the officer inviting the bid and the successful bidder within 15 days following the notification of award along with the Letter of Acceptance. The successful bidder will sign the agreement and deliver it to the Engineer-in Charge. Following documents shall form part of the agreement.

- a) The notice-inviting bid, all the documents including additional conditions, specifications, and drawings, if any, forming the bid as issued at the time of invitation of bid and acceptance thereof together with any correspondence leading thereto & required amount of performance security including additional performance security.
 - b) Standard **P.W.D. Form P-1 with latest amendments**. Failure to enter in to the required agreement and to make the security deposit as above shall entail forfeiture of the Bid Security (earnest money) .No contract (tender) shall be finally accepted until the required amount of initial security money is deposited. The security will be refunded after 12 (Twelve) months of completion of the work and payment of the final bill and will not carry any interest.
As concurred by Law Department & Finance Department In their U.O.R. No 848 dtd.21.05.97 J.O.R.No.202 W.F.D. dtd.06.03.98 respectively the E.M.D. will be forfeited in case, where tenderers back out from the offer before acceptance of tender by the competent authority.
27. The contractor should be liable to fully indemnify the Department for payment of compensation under workmen compensation Act. VIII of 1923 on account of the workmen employed by the contractor and full amount of compensation paid will be recovered from the contractor.
28. Tenderers are required to liable by fair wages clause as introduced by Govt. of Orissa, Works Department letter No.VII (R&B) 5225, dt.26-2-55 and No.II, M-56/61-28842 (5), dt.27-9-61.
29. The contractor shall bear cost of various incidentals, sundries, and contingencies necessitated by work in full within the following or similar category.
- a) Rent royalties, CESS and other charges of materials, Octroi and all other taxes including prevailing taxes from time to time. Ferry tolls, conveyance charges and other cost on account of land buildings including temporary building required by the tenderer for collection of materials, storage, housing of staff or other purpose of the work are to be borne by the contractor at his own cost. No rent will be payable to Govt. for temporary occupation of land owned by govt. at the site of the work for bonafide use of the land for work and all such construction of temporary nature by the contractor shall be done after obtaining written permission from the Engineer-in-Charge of Civil portion of the work and all such construction shall have to be demolished and debris removed and ground made good and cleared after completion of the work at no extra cost.
 - b) Royalty will be recovered from each bill as notified by Govt. from time to time unless "K" Forms are enclosed. Refund of royalty at later date after passing of the bills cannot be entertained as the recovery of royalty is being credited to revenue.
 - c) Labour camps or huts necessary to a suitable scale including conservancy and sanitary arrangements therein to the satisfaction of the local labour laws and health authorities shall have to be provided by the Contractor.
 - d) Arrangement of suitable water supply including pipe water supply where available for the staff and labour as well as for the execution of the work is sole responsibility of the Contractor and no extra cost for carriage of water will be entertained.
 - e) All fees and dues levied by Municipal, Canal or Water Supply Authorities are to be borne by the Contractor.
 - f) Suitable safety equipment and dresses, gloves, life belts etc. for the labour engaged in risky operations are to be supplied by the contractor at his own cost.
 - g) Suitable fencing barriers, signals including paraffin and electric signals where necessary at work and approaches in order in project the public and employees from accident has to be provided by the Contractor at his own cost.
 - h) Compensation including cost of any legal suit for injury to persons or property arising out of execution of the work and also any sum, which may become payable due to operation of the workmen compensation act, shall have to be borne by the contractor.
 - i) The contractor has to arrange adequate lighting arrangements for the work wherever necessary at his own cost.
30. No payment will be made for layout, benchmark, level pillars, profiles and benching and leveling the ground required, which has to be carried out by the contractor at his own cost. The rates to be quoted should be for finished items of work inclusive of carriage of all materials and all incidental items of work.

31. After the work is finished all surplus materials should be removed from the site of work, preliminary work such as vats, mixing platforms, etc. should be dismantled and all materials removed from the site and premises left neat and his should be inclusive in the rates. No extra payment will be made to the Contractor in this account.
32. It should be understood clearly that no claim what-so-ever will be entertained to extra items of works quantity of any item besides estimate amount unless written order is obtained from the competent authority and rate settled before the extra items of work or extra quantity of any items of work is taken up.
33. The tenderers shall have to abide by the C.P.W.D. safety code rules introduced by the Govt.of India, Ministry of Works and Housing & Supply in their standing Order No.44150 dtd.25-11-57. 38. No part of the contract shall be sublet without written permission to the concerned Block Development Officer or transfer is made by the power of attorney authorizing others to receive payment on contractor's behalf.
34. Bid documents consisting of plans, specifications, the schedule of quantities and the set of terms and conditions of contract and other necessary documents can be seen in all the offices issuing the documents and office of the under signed during office hours every day except on Sundays and Public Holidays till last date of sale and receipt of tender papers. Interested bidders may obtain further information at the same address. But it must be clearly understood that tenders must be received in order and according to instructions in complete shape. Incomplete tender is liable for rejection.
35. No Relation certificate.
The contractor shall furnish a certificate along with the tender to the effect that he is not related to any officer in the rank of an Assistant Engineer & above in the Block. or Assistant/Under Secretary & above in the P.R & DW Department. If the fact subsequently proved to be false, the contract is liable to be rescinded. The earnest money & the total security will be forfeited & he shall be liable of make good to damages the loss or damages resulting for such cancellations. The proforma for no relationship certificate is contained in a separate sheet vide Schedule-A.
36. DELETED
- (a) DELETED
 - b) DELETED
 - c) DELETED
 - (d) DELETED
 - e) DELETED
 - f) DELETED
37. If any advance / Secured advance is granted by the Department the same will bear interest at the rate of 18% P.A.
38. All items of work as per schedule of quantities of this tender should confirm to OdishaDetailed Standard Specification. I.R.C. & I.S.I. Codes & Bridge code section I,II,III,IV&VII & latest design criteria for pre-stressed concrete bridge specially for Roads & Bridges issued by MoRT&H., Government of India, Compacting shall have to be carried out with help of mechanical vibrators from the range of I.S.:2505, I.S.:2006, I.S.:2514. I.S.:4656.
39. Shuttering & centering shall be with suitable steel shutters in side of which shall be lined with suitable sheeting and made leak proof and watertight. All joints in formwork shall be properly sealed preferably with P.V.C. joints sealing tapes & compounds.
40. Form work including complete false work shall be designed by the Contractor without any extra cost to employer and the Department will have the right to inspect the scaffolding, centering and shuttering made for the work and can reject partly of fully such structures, if found defective in their opinion. Any eventually such as loss of lives or property due to failure of centering and shuttering shall be the responsibility of the Contractor regarding compensation of all claims thereof.
41. Cement shall be used by bags and weight of one bag of Cement should be 50 (fifty) Kg. net & the Engineer-in-Charge or his representative shall have the right to test the weight & quality from time to time. Cost of empty cement bag @ Rs.3.80/-per each should be deducted from the bill.
42. The tenderers shall make all arrangements for proper storage of materials but no cost for raising shed for store and pay of security guard etc. will be borne by the Department. The department is not responsible for any theft or loss of materials at site. It is contractor's risk. Under any such plea, if the tenderer stops the work he shall have to pay the full penalty as per clauses of the contract.

43. Approach road to site of work for transport of materials to site of work is sole responsibility of the Contractor. Statutory traffic restriction in the town area for Transport of construction material to site of work is to be taken in to consideration before tendering and no consideration for extra time or compensation thereof shall be considered.
44. The contractor should at his own cost arrange necessary tools and plants required for efficient execution of work and the rates quoted should be inclusive of transportation, hire and running charges of such plant and cost of consumables.
45. The contractor shall properly co-ordinate with the execution of P.H. and Electrical works and takes care of the safety of workers.
46. The machineries if available, with the department may be supplied on hire as per charges noted in the enclosed statement and may be changed from time to time subject to the condition that the contractor will execute in advance an agreement with the Engineer-in-Charge.
47. No claim whatsoever will be entertained for supply of machineries. No extension of time will be granted to the contractor under this ground under any circumstances
48. The tenders should furnish along with their tender a list of works executed during the last three years duly certified by the concerned Engineer-in-charge indicating the satisfactory completion as per the proforma enclosed in a separate sheet of schedule-H.
49. An applicant or any of its constituent partners of whose contract for any work has been rescinded or who has abandoned any work in the last five years, prior to the date of the bid, shall be debarred from qualification. The tenderer is to furnish an affidavit at the time of submission of tender paper about the authentication of tender documents. An affidavit to this effect is to be furnished in Schedule-F. Non-furnishing of the information in Schedule - E and required affidavit in Schedule – F, the bid document will be summarily rejected.
50. It should be clearly understood that:
- a) The joints of the bars are to be provided with lapping, welds or bolts nuts as well be directed by the Engineer-in-charge.
 - b) Concrete test specimens 150mm x 150mm x 150mm in size (whether plain or reinforced concrete) for the testing shall be taken for each structural member by a representative of the contractor in the presence of responsible officer of the rank not lower than that of an Assistant Engineer or sub-Divisional Officer. The contractor shall bear the cost so involved in testing. The test specimen in cube should be carried out in the Departmental Control and Research Laboratory. Test should be carried out in accordance with the stipulation in Bridges code section-III.
 - c) Test specimens shall be formed carefully in accordance with the standard method of taking test specimen and no plea shall be entertained later on the grounds that the casting of the test specimen was faulty and that the result of the specimen did not give a correct indication of the actual quality of concrete.
 - d) Plain concrete and reinforced concrete specimens will be tested in Quality control and Research Laboratory. Cost of testing of all specimens and samples will be borne by the Contractor.
51. The rates quoted should be inclusive of carriage of water required in connection with execution of the work. No claim for carriage of water whatsoever will be entertained.
52. DELETED
53. List of tool & plants in running condition in possession of contractor is to be furnished in a separate sheet of schedule-C.
54. It is the responsibility of the contractor to procure and store explosive required for blasting operation. Department may render necessary possible help for procuring license.
55. For submission of a tender for the work, the tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the work about the quality and availability of the required quantity of materials, Medical aid, labour and Flood stuff etc. and that the rates quoted by him in the tender will be adequate to complete the work according to the specifications attached thereto and that he had taken in to account all conditions and difficulties that may be encountered during its progress and to have quoted labour rates and materials with taxes, Octoroi and other duties lead, lifts, loading and unloading freight for materials and all other charges necessary for the completion of the work to the entire satisfaction of the Engineer-in-charge of the work and his authorized subordinates. After acceptance of the contract rates Government will not pay any extra charges for any reason in case the contractor finds later on to have misjudged the conditions as regards the availability of materials,

regards the availability of materials, labour and other factors. The contractor will be responsible for any misuse, loss or damages due to any reasons whatsoever of any departmental material during the execution of work. In case of loss, damage or misuse, recovery at the rate at 5 times the cost of the materials will be deducted from the bills or his other dues.

56. 1.00 % or the prevailing percentage of I.T. Department of the gross amount of the bill towards income tax will be deducted from the contractor's bill.
57. 2% of the gross amount of the bill will be deducted from the contractor's bill towards sales GST, where Agreement Value is two lakh fifty Thousand and above.
58. It must be clearly understood that under no circumstances any interest is chargeable for the dues or additional dues if any payable for the work executed and final bill pending disposal due to any reason whatsoever.
59. No extra payment will be made for removing spreading and consolidating salvaged metals and materials.
60. Under section 12 of contractorslabour (Regulation and Abolition) Act. 1970 the contractor who undertakes execution of work through labour should produce valid license from licensing authorities of labour Department.
61. Additional performance security shall be taken on an incremental basis from the selected bidder for low bid prices in the project works as under:
 - a) where the bid price is below 0% but not below 10% of the project cost put to bid, no additional performance guarantee/security percentage is required.
 - b) where the bid price is below 10% but not below 20% of the project cost put to bid, the additional performance guarantee/security percentage shall be incremented by 0.1% for every percentage of bid price below 10% of the project cost put to bid starting at 11% with the additional bid performance guarantee being 0.1% and this additional performance guarantee percentage shall be applied on the bid price;
 - c) where the bid price is 20% or more below of the project cost put to bid, the additional performance guarantee percentage shall be incremented by 0.2% for every percentage of bid price below 20% of the project cost put to bid in addition to 1% of the bid price and this additional performance guarantee percentage shall be applied on the bid price;
 - d) The additional performance guarantee percentage shall be rounded off to the next lower percentage based on whether the decimal point of the percentage of bid price is below 0.5% or next higher percentage based on whether the decimal point of the percentage of bid price is 0.5% or more.
 - e) The additional performance security shall be treated as part of the performance security.
 - f) Justification for abnormally low bids shall be scrutinized by the Departmental Technical Committee and recommended to the competent authority of the Administrative Department for the approval of the Additional Performance Security (APS). An abnormally low bid is one in which the Bid price, in combination with other elements of the Bid, appears so low that it raises material concerns as to the capability of the Bidder to perform the contract at the offered price. Procuring Entity may, in such cases, seek written clarifications from the Bidder, including detailed price analyses of its Bid price in relation to scope, schedule, resource mobilization, allocation of risks and responsibilities, and any other requirements of the bid document. If, after evaluating the price analyses, the procuring entity determines that the Bidder has substantially failed to demonstrate its capability to deliver the contract at the offered price, the Procuring Entity may reject the Bid/ Proposal. However, it would not be advisable to fix a normative percentage below the estimated cost, which would automatically be considered as an abnormally low bid.
62. Sample of all material - The contractor shall supply sample of all materials fully before procurement for the work for testing and acceptance as may be requiring by the concerned Executive Engineer.
63. DELETED
64. DELETED
65. All reinforced cement work should conform to OdishaDetailed specification and should be of proportion as per Contract Agreement having desired compressive strength (in work test) in 15 Cm cubes at 28days, after mixing and test conducted in accordance with IS 456 and IS 516 .
66. Bailing out of water from the foundation, pipeline trenches S. Tanks/Soak pits/Sumps/M.H. etc. either rainwater or sub-soil water if necessary should be borne by the contractor. No payment will be made for benchmarks. Level pillars, profiles and benching and leveling the ground wherever required. The rates quoted should be for finished items of works inclusive of these incidental items of work. It should be understood clearly that no claims whatsoever would be entertained.

67. All fittings for doors and windows if supplied by the contractor should be best quality and should get approved by the Engineer-in -Charge before their use on the work.
68. No part of the contract shall be sublet without written permission of the Officer-in -Charge or transfer is made by power of Attorney authorizing others to receive payment on the contractor's behalf.
69. The tenderer shall have to abide by the C.P.W.D. safety code rules introduced by the Government of India, Ministry of work Housing and Supply in their standing order No-44150 dtd.25.11.57.
70. The Contractor will have to submit to the **Block Development officer, HARABHANGA** monthly return of labour both skilled and unskilled employed by him on the work.
71. All fittings for doors and windows P.H. & Electrical works as supplied by the Contractor should be of best quality and conform to relevant I.S. specification and should be got approved by the Engineer-in-charge of the respective wing before they are used on the work.
72. 1% of the gross amount of the bill will be deducted from the contractor's bill towards Cess as per the Building & Other construction Workers (RE & CS) Act.1996 & Building & Other Construction Worker Welfare Cess Act.1996.
73. After completion of the work the contractor shall arrange at his own cost all requisite equipments for testing buildings, if found necessary and bear the entire cost of such test, including the inspection of Electrical Inspectorate.
74. The Tenderer should furnish along with their tender 1.a list of works, which are at present in their hand 2. list of T&P and 3.list of work executed in the prescribed Performa(s) enclosed herewith in appropriate place of bid document.
75. All reinforced cement concrete works should be finished smooth Extra charges for plastering if required to any R.C.C. structures like roof slab, Columns, Chajjas, fins, parapets, shelves etc. shall not be paid.
76. The tenderer may at his option quote reasonable rate for each item of work carefully so that the rate for one item should not be unworkable low and for others too high.
77. The contractor has to arrange the samples of materials required for execution to be got tested and approved by the Department before taking up the work and during course of execution required from time to time. All such samples will be tested at Departmental Control and Research Laboratory, at the cost of the Contractor with no extra cost to the Department.
78. If there is any damage to the work due to natural calamities like flood or cyclone or any other cause during the course of execution of work or up to 6 months after completion of work or if any, imperfection becomes apparent to the work within 6 months from the date of final certificate of completion of work the contractor shall make good of all such damages at his own cost with no extra cost to the Department. No claims, whatsoever, in this regard will be entertained.
79. The Fly Ash bricks should be of good qualities. The bricks should be approved by the Engineer-in-charge before use in the work and should conform to the minimum strength as per National Building Code.
80. Under Section 1 of contract Labour Regulation and Abolition Act 1970 the contractor who undertakes execution of work through labour should produce valid license from the licensing authority of Labour Department.
81. Standard co-efficient for linear measurement will be adopted while calculating consumption of steel and no claim whatsoever regarding difference in co-efficient of steel will be entertained. The rates quoted shall be inclusive of any eventuality of difference for co-efficient for linear measurements.
82. Engineer Contractor desirous to avail the facility of exemption of E.M.D is required to submit an affidavit to the effect that he has not yet availed the facility / participated in the tender for more than two works (Excluding this work) during the current financial year. The name of work for which participated and the authority to which the tender was submitted must be mentioned in the affidavit, failing which the tender will be rejected.
83. That for the purpose of jurisdiction in the event of disputes if any of the contract would be deemed to have been entered in to within the State of Odisha and it is agreed that neither party to the contract will be competent to bring a suit in regard to the matter by this contract at any place outside the State of Orissa.
84. **SPECIAL CONDITIONS (PART OF THE CONTRACT)**
- (I) All materials before they are being used in the items of works as per this Schedule of quantities and also the finished items of work where tests are applicable shall have to be tested through the Engineer-in-charge of the respective wing at appropriate Laboratories according to the relevant I.S. specifications of the materials and the said items of works and the cost of all such tests shall have to be borne by the Contractor and the rates of the items of works should be inclusive of cost of such tests.
- (II) The tests have to be planned & carried out such that the progress of work is not hampered

- (III) The tests are mandatory as per the prescribed frequencies and I.S. specifications. However, these are not exhaustive and the Engineer-in-charge has the right to prescribe other required test if any as will be considered from time to time.
85. In case of ambiguity between clauses of this D.T.C.N. and the P-1 contract form, the relevant Clauses of the P-1 contract form shall prevail over the D.T.C.N. The clauses not covered under P-1 contract form shall be governed by the clauses of the D.T.C.N.
86. It must be definitely understood that the Government does not accept any responsibility for the correctness and completeness of the trial borings shown in the Cross Section.
87. Schedule of quantities is accompanied in Cover (Price Bid). It shall be definitely understood that the Government does not accept any responsibility for the correctness or completeness of this schedule and that this schedule is liable for alternation or omissions, deductions or alternations set forth in the conditions of the contract and such omissions, deductions, additions or alternations shall no way invalidate the contract and no extra monetary compensation will be entertained.
88. In case of any complaint by the labour working about the non-payment or less payment of his wages as per latest minimum Wages Act, the Block Development Officer, HARABHANGA will have the right to investigate and if the contractor is found to be in default, he may recover such amount due from the contractor and pay such amount to the labour directly under intimation to the local labour office of the Govt. The contractor shall not employ child labour. The decision of the concerned Block Development officer is final and binding on the contractor.
89. The selected contractor may take delivery of departmental supply according to his need for the work issued by the Office in-charge subject to the availability of the materials. The tenderer shall make all arrangement for proper storages of materials but no cost for raising shed for storage, pay of security guard etc. will be borne by the Department. The Department is not responsible for considering the theft of materials at site. It is the contractor's risk. Under any such plea if the tenderer stops the work, he shall have to pay the full penalty as per clause of P1 agreement.
90. The Department will have the right to supply at any time in the interest of work any departmental materials to be used in the work and the contractor shall use such materials without any controversy or dispute on that account. The rate of issue of such materials will be at the stock issue rates inclusive of storage charges or rates fixed by the Department or current market rate whichever is higher.
91. DELETED
92. Though Departmental issue of cement and steel has indicated, it may not be taken as binding. The contractor must have to arrange by themselves cement, steel, bitumen and every sort of materials from approved manufacturer (TOR Rod -Tata Tiscon, SAIL along with all the approved rods by the works department (Vide letter no 10466/W, 23.06.2023) & Cement- Ultra Tech, Konark, ACC) get it tested in the any Departmental Laboratory and approved by the concerned Department before use. No extension of time or escalation of price on such account shall be entertained in future.
93. TOR rods, plates and structural members will be supplied in quantity, length and size available in the stock. For payment of reinforcement, the steel including plates etc. shall be measured in length of Different diameter, size and specification as actually used (including hooks and cranks) in the work correct to an inch or cm. And their weight calculated as per sectional weight prescribed by the Indian Standard Specification or as directed by the Engineer-in-Charge (Wastage of bars and unnecessary lapping will not be considered for measurement and payment).
94. Odisha Bridge & Construction Corporation Ltd. will be allowed price preference up to 3% over the lowest quotation or tender as laid down in Works and Transport Department Resolution No-285 date-17.04.1974. The Odisha Construction Corporation will be allowed a price preference to the extent of up to 3% over the lowest tender amount (Where their tender is not the lowest) provided they express willingness to execute the work after reduction of rates by negotiation.

95. The contractor is required to pay royalty to Govt. as fixed from time of time and produce such documents in support of their payment to the concerned Block Development Officer with their bills, falling which the amount towards royalties of different materials as utilized by them in the work will be recovered from their bills and deposited in the revenue of concerned department.
96. Trial Boring - The foundation level as indicated in the body of the departmental drawing is purely tentative and for the general guidance only. The Department has no responsibility for the suitability of actual strata at the foundation level. The contractor has to conduct his own boring before starting the work and get the samples tested at his own cost to ascertain the S.B.C. and credibility of the strata at founding level while quoting his rates for tender the contractor shall take in to account of the above aspects.
97. Any defects, shrinkage or other faults which may be noticed within 12 (Twelve) months from the completion of the work arising out of defective or improper materials or workmanship timing are upon the direction of the Engineer-in-Charge to be amended and made good by the contractor at his own cost unless the Engineer for reasons to be recorded in writing shall be decided that they ought to be paid for and in case of default Department may recover from the contractor the cost of making good the works. The contractor is also required to maintain the road/ building for 12 (Twelve) months from the date of successful completion of the work.
101. From the commencement of the works to the completion of the same, they are to be under the contractor's charge. The contractor is to be held responsible to make good all injuries, damages and repairs occasioned or rendered necessary to the same by fire or other causes and they hold the Govt. of Odisha harmless for any claims for injuries to person or structural damage to property happening from any neglect, default, want of proper care or misconduct on the part of the contractor or any one in his employment during the execution of the work. Also, no claim shall be entertained for loss due to earthquake, flood, cyclone, epidemic, riot or any other calamity whether natural or incidental damages so caused will have to be made good by the contractor at his own cost.
102. Gradation of ingredients: The coarse and fine aggregate shall meet the grade requirement as per the latest provision of relevant I.S. Code / I.R.C. code / MoRT&H specifications.
103. Where it will be found necessary by the Department, the Officer-in-Charge of the work shall issue an order book to the contractor to be kept at the site of the work with pages serially numbered. Orders regarding the work whenever necessary are to be entered in this book by the Officer-in-Charge with their dated signatures and duly noted by the contractor or his authorized agents with their dated signature. Orders entered in this book and noted by the contractor's agent shall be considered to have been duly given to the contractor for following the instructions of the Department. The order Book shall be the property of the Block and shall not be removed from the site of work without written permission of the Engineer-In-Charge and to be submitted to the Engineer-in charge every month.
104. The contractor should attach the certificate in token of payment deposit with the registration authority as per recent circular of the Government relating to his registration.
105. In case of any discrepancy in printing or omissions of statutory specifications or any other part or portion of the approved document during download of the bid document, the decision of the officer inviting the bid will be binding on the bidder.
106. The rates quoted by the contractor shall cover the latest approved rates of labours, materials, P.O.L. and Royalties. Arrangement of borrow areas; land, approach road to the building site etc. are the responsibility of the contractor.
107. The rate for each work of concrete items wherever dewatering is imperatively necessary the term dewatering shall mean the execution or operation of the items due to standing water as well as due to percolation of water. The quoted rates will be inclusive of this.
108. The contractor shall make requisition of claim book from the date of commencement of the work from the Department and shall maintain in proper block form with pages serially numbered in order to record items of works are not covered by his contract and claimable as extra. Claims shall be entered regularly in this book under the dated signature of the contractor or his duly authorized agents at the end of each month. A certificate should be furnished along with the claim to the effect that he has no other claim beyond this claim up-to-date. If in any month there are no claims to record, a certificate to that effect should be furnished by the contractor in the claim book. Each claim must be defined and should be given as far as possible regarding the quantities as well as the total amount claimed. The claim book must be submitted by the contractor regularly by 10th and 16th days of each month for orders of the Engineer-in-Charge or competent authority. Claims not made in this manner or the claim book not maintained from the commencement of the work is liable to be summarily rejected. The claim book is the property of

the block. and shall be surrendered by the contractor to the Engineer-in-charge after completion of the work or before recession of the contract by the Department whichever is earlier for record.

109. Number of tests as specified in I.R.C. / MoRT&H / I.S.I specification required for the construction of roads / bridges / buildings or any other structural works will be conducted in any Govt. Test House /Departmental laboratories/reputed material testing laboratory as to be decided by the Engineer-in-charge. Testing charges including expenditure for collection / transportation of samples /specimens etc. will be borne by the contractor. The collection of samples and testing are to be conducted for both prior to execution and during execution as may be directed by the Engineer-in-charge and on both the accounts the cost shall be borne by the contractor.
110. Even qualified criteria are met; the bidders can be disqualified for the following reasons, if enquired by the Department
- (a) Making a false statement or declaration.
 - (b) Past record of poor performance.
 - (c) Past record of abandoning the work half way/ recession of contract.
 - (d) Past record of in-ordinate delay in completion of the work.
 - (e) Past history of litigation.
111. In case the 1st lowest tenderer or even the next lowest tenderers withdraw in series one by one, thereby facilitating a particular tender for award, then they shall be penalized with adequate disincentives with forfeiture of EMD unless adequate justification for such back out is furnished. Appropriate action for black listing the tenderers shall also be taken apart from dis-incentivizing the tenderer.
112. The following documents which are not submitted with the Bid, will be deemed to be part of the Bid:

Sl. No	Particulars
1	Notice Inviting tender
2	Instruction to the Bidders
3	Conditions of Contract.
4	Contract data
5	Specifications
6	Drawings

113. Condition for issue of plant & machinery to contractor on hire: - Tools & plants will be issued to the contractor only if it is desirable in the interest of Govt. works and if these can be spared without inconvenience to the Department. The Sanction of the B.D.O. HARABHANGA shall be necessary in each case. The contractor shall arrange his Program of work according to the availability of the plant & machinery & no claim will be entertained for any delay in supply by the Department.

An agreement shall be entered in to by the contractor to the effect that these hire charges are recoverable from the bills of the contractor regularly and the final payment for the work including refund of security deposit will not be made until the total amount due to the Government on account of hire of machinery etc. is recoverable in full. Full amount of hire charges due from the contractor at any contract at any time shall be recovered from his next subsequent bill. All transit and incidental charges in connection with the dispatch of tools and plants and machineries from workshop shed/ deposit return there to, will be borne by the contractor. The hire charge shall be recovered at the prescribed rates from and inclusive of the date, the plant and machinery is made over up to and inclusive of the date of its return, even though the same day it may not have been utilized for any reason except for a major break down which may take more than 72 hours for repairs. The contractor shall immediately intimate in writing to the Engineer-in-charge when any plant or machinery goes out of order requiring major repairs. The hire charges are for clock hours. In case of tar boilers, hot mix plant and any other machinery requiring similar preparation the working hour will include the time required to make up the boiler temperature and bring plant to the operating conditions before the actual start of work. The machine will work in shifts of 8 hours each. Extra charges towards overtime wages of any of the operating and maintenance staff will be livable. These charges will be fixed by the Engineer-in-charge from time of time. In no case, the tools and plants shall be operated beyond 8 hours in any shift without prior written permission of the Engineer-in-charge.

The contractor shall release the plant and machinery as and when required for periodical servicing and maintenance. He shall also provide for any labour and water source for washing the plants. In the case of Concrete mixtures, pavers and similar such type of equipment, the contractor shall arrange to get the hopper cleaned and the drums etc. washed at the close of work each day. The plant and machinery once issued to a contractor shall not be returned by him on account of lack of arrangement of labour and material etc. on his part. The same will be returned only when they do not require or

when in the option of Engineer-in-charge the work or a portion of work for which issued is completed. The tools and plants shall while in transit and in the custody of contractor be at his sole risk and responsibility for damages and / or loss except fair wear and tear. The damage or loss as assessed by Engineer-in-charge shall be made good by the contractor. In the event of a disagreement as to the extent of damage or the value of article lost, the decision of Collector, HARABHANGA shall be final. The contractor shall on or before the supply of plant and machinery sign an agreement in indemnifying the Govt. against loss or damage to the machine. The Contractor shall also be responsible for any claim for compensation for loss of life, injury or damages to property etc. arising from any cause what-so-ever. The contractor shall provide full time choukidar for guarding the plant and machinery at site.

If the articles are not returned within the date originally specified or extended by the Engineer in charge, in addition to the normal hire charge, a surcharge equal to 10% of the hire charges will be levied for the period that the machinery is not returned. Such period will be treated as working time. In the event of the non-return of the machinery, the full value of the articles at the current market price will be recovered from the contractor's outstanding bills or any bills that may become due in respect of his other work under the state public works Department. The decision of the Chief Engineer shall be final in case of dispute.

FORM OF AGREEMENT – The contractor shall, before taking the possession of the machinery, enter in to an agreement with the Engineer-in-charge or his nominees in the form attached. Log Books for recording the hours of daily works for each of the plant and machinery supplied to the contractor will be maintained by the Department will be attested by the contractor or his authorized agent daily. In case of contractor contests the correctness of the entries and / or fails to sign the logbook, the decision of the Engineer-in-charge shall be final and binding on him. Hire charges will be calculated according to the entries in the logbook and will be binding on the contractor.

114. ELIGIBILITY CRITERIA FOR QUALIFICATION:

- a. Required E.M.D as per the Clause No. 7 and Clause No.21.
- b. Demand draft towards cost of tender paper as per Clause No.4.
- c. Xerox copy of valid Registration Certificate, Valid GSTIN, PAN card along with the tender documents and furnish the Original Registration certificate, and PAN card, for verification of opening of Cover-I of the tender before Block Development Officer, HARABHANGA as per Clause No.22.
- d. Information regarding current litigation, debarring / expelling of the applicant or abandonment of work by the applicant in schedule "E" and affidavit to that effect including authentication of tender documents and Bank guarantee in schedule "F" as per Clause No.49.
- e. License criteria as per Clause No.8 for composite tender.
- f. DELETED
- g. Evidence of ownership of major items of construction equipments, named evidence of arrangement of processing them on hire/lease/buying as defined therein. (As per Annexure-I)
- h. DELETED

Proposal for subcontracting the components of the works for construction/up-gradation, aggregating to not more than 20 percent of the contract price, if desired.

- j. Submission of original bid security and tender paper cost as prescribed in the relevant clause of DTCN after last date and time of submission of bid before the stipulated date & time for opening of the bid.
The intending tenderer(s) should have the total financial turnover of an amount not less than the amount put to Tender(Annexure Column-7) during any 3(three) financial years taken together of the last proceeding five financial years.

115. ADDENDUM TO THE CONDITION OF P-1 CONTRACT

Clause-2(a) of P-1 Contract:-TIME CONTROL :-(Vide Works Department Office Memorandum No.24716 dtd.24.12.2005 and No.8310 dtd.17.05.2006)

2.1. Progress of work and Re-scheduling program.

2.1.1. The Block Development Officer, HARABHANGA shall issue the letter of acceptance to the successful contractor. The issue of the letter of acceptance shall be treated as closure of the Bid process and commencement of the contract.

2.1.2. Within 15 days of issue of the letter of acceptance, the contractor shall submit to Block Development Officer, HARABHANGA for approval a Program showing the general methods, arrangements, and timing for all the activities in the Works along with monthly cash flow forecast.

2.1.3. To ensure good progress during the execution of the work the contractors shall be bound in all cases in which the time allowed for any work exceeds one month to complete, 1/4th of the whole time allowed under the contract has elapsed, 1/2 of the whole of the work before 1/2 of the whole time allowed under the contract has elapsed, 3/4th of the whole of the work before 3/4th of the whole time allowed under the contract has elapsed.

2.1.4. If at any time it should appear to the Engineer-in-Charge that the actual process of the work does not conform to the Program to which consent has been given the Contractor shall produce, at the request of the Engineer-in-Charge, a revised Program showing the modifications to such Program necessary to ensure completion of the works within the time for completion. If the contractor does not submit an updated Program within this period, the Engineer-in-Charge may withhold the amount of 1% of the contract value from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program has been submitted.

2.1.5. An update of the Program shall be a Program showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work including any changes to the sequence of the activities.

2.1.6. The Engineer-in-Charge's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Engineer-in-Charge again at any time. A revised Program is to show the effect of Variations and Compensation Events.

2.2. Extension of the Completion Date.

2.2.1. The time allowed for execution of the works as specified in the Contract data shall be the essence of the Contract. The execution of the works shall commence from the 15th day or such time period as mentioned in letter of Award after the date on which the Engineer-in-Charge issues written orders to commence the work or from the date of handing over of the site whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, Government shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money & performance guarantee / Security deposit absolutely.

2.2.2. As soon as possible after the Agreement is executed, the Contractor shall submit the Time & Progress Chart for each milestone and get it approved by the Department. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the Contractor within the limitations of time imposed in the contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate Program has been agreed upon) complete the work as per milestone given in contract data.

2.2.3. In case of delay occurred due to any of the reasons mentioned below, the Contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the works.

i) Force majored, or

ii) Abnormally bad weather, or

iii) Serious loss or damage by fire, or

iv) Civil commotion, local commotion of workmen, strike or lockout affecting any of the trades employed on the work, or.

v) Delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in executing work not forming part of the Contract.

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vi) In case a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work and which would cause the Contractor to incur additional cost, or

vii) Any other cause, which, in the absolute discretion of the authority mentioned, in Contract data is beyond the Contractors control.

2.2.4. Request for reschedule and extension of time, to be eligible for consideration, shall be made by the Contractor in writing within fourteen days of the happening of the event causing delay. The Contractor may also, if practicable, indicate in such a request the period for which extension is desired.

2.2.5. In any such case a fair and reasonable extension of time for completion of work may be given. Such extension shall be communicated to the Contractor by the Engineer-in-Charge in writing, within 3 months of the date of receipt of such request. Non-application by the contractor for extension of time shall not be a bar for giving a fair and reasonable extension by the Engineer-in-Charge and this shall be binding on the contractor.

2.3. Compensation for Delay.

2.3.1. If the contractor fails to maintain the required progress in terms of clause-2 of P-1 Contract or to complete the work and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the Government on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below as the Chief Engineer (whose decision in writing shall be final and binding) may decide on the amount of tendered value of the work for every completed day / month (as applicable) that the progress remains below that specified in Clause-2 of P-1 Contract or that the work remains incomplete. This will also apply to items or group of items for which a separate period of completion has been specified. Compensation @ 1.5% per month of for delay of work, delay to be completed on per Day basis. Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10% of the Tendered Value of work or to the Tendered Value of the item or group of items of work for which a separate period of completion is originally given. The amount of compensation maybe adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Government.

In case, the contractor does not achieve a particular milestone mentioned in contract data, or the rescheduled milestone(s) in terms of Clause-2.5, the amount shown against that milestone shall be withheld, to be adjusted against the compensation levied at the final grant of extension of time. Withholding of this amount on failure to achieve a milestone shall be automatic without any notice to the contractor. However, if the contractor catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the contractor fails to make up for the delay in subsequent milestone(s), amount mentioned against each milestone missed subsequently also shall be withheld

However, no interest whatsoever shall be payable on such withheld amount.

2.3.2 If more than one bidder became eligible to get the tender, then the tender accepting authority will finalize the tender through a transparent lottery system, where all bidders/ their authorized representatives, the tender inviting authority/ his authorized representative and Accounts Officer of Block will remain present.

2.5. Management Meetings.

2.5.1. Either the Engineer or the Contractor may require the other to attend a management meeting. The business of management meetings shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.

2.5.2. The Engineer shall record the business of management meetings and is to provide copies of his record to those attending the meeting and to the Employer. The responsibility of the parties for actions to be taken to be decided by the Engineer either at the management meeting or after the management meeting and stated in writing to all who attended the meeting. Clause-2 (b) of Item Rate P-1 Agreement:- Rescission of Contract (Amendment as per letter No.10639 dt. 27.05.2005 of Works Department, Orissa):- To rescind the contract (of which rescission notice in writing to the contractor under the hand of the Executive Engineer, Boudh, shall be conclusive evidence), 20% of the value of left over work will be realized from the contractor as penalty.

116. The tenderers are required to go through each clause of P.W.D. Form P-1 carefully in addition to the clauses mentioned here in before tendering.

117. A Contractor may be black listed as per amendment made to Appendix XXXIV to OPWD Code Vol.-II on rules for black listing of Contractors vide letter no.3365 dt.01.03.2007 of Works Department, Orissa.

As per said amendment a Contractor may be blacklisted

- a) Misbehavior/threatening of Departmental & supervisory officers during execution of work/tendering process.
- b) Involvement in any sort of tender fixing.
- c) Constant non-achievement of milestones on insufficient and imaginary grounds and non-adherence to quality specifications despite being pointed out.

d) Persistent and intentional violation of important conditions of contract.

e) Security consideration of the State i.e. any action that jeopardizes the security of the State.

f) Submission of false/ fabricated / forged documents for consideration of a tender.

118. The safety certificate of the E.I. work will be furnished by the agencies after getting necessary verification from the Electrical Inspector / equally competent authority responsible for the work prior to Energization of the building.

119. Percentage rate contract (vide Works Department letter no.8310 dt.17.05.2006) In case of percentage rate tender:-

i. The Contractor has to mention percentage excess or less over the estimated cost (In figures as well as words) in the prescribed format appended to the tender document.

ii. Only percentage quoted shall be considered. Percentage quoted by the Contractor should be accurately filled-in figures and words, so that there is no discrepancy

- a. If any discrepancy is found in the percentage quoted in words and figures, then the percentage quoted by the Contractor in words shall be taken as correct.
- b. If any discrepancy is found in the percentage quoted in percentage excess/ less and the total amount quoted by the Contractor, then percentage will be taken as correct.
- c. The percentage quoted in the tender without mentioning excess or less and not supported with the corresponding amount will be treated as excess.
- d. The percentage quoted in the tender without mentioning excess / less supported with corresponding amount does not tally with either to percentage excess or less then it will be treated as percentage excess.
- e. The percentage quoted in the tender without mentioning excess / less supported with corresponding amount if tallied with the percentage then it will be treated as to which side the amount tallies.

iii. The Contractor will write percentage excess/ less unto one decimal point only. If he writes the percentage excess / less up to two or more decimal points, the first decimal point shall only be considered without rounding off.

iv. The tender shall be written legibly and free from erasures, over writings or corrections of figures. Corrections, over writings & interpolations where unavoidable should be made by making out, initialing, dating and rewriting.

v. In the contract P1 time is the essence. The contractor is required to maintain a certain rate of progress specify in the contract.

vi. The quantity mentioned can be increased or reduced to the extent of 10% for individual items subject to a maximum of 5% over the estimated cost. If it exceeds the limit stated above prior approval of competent authority is mandatory before making any payment.

vii. The period of completion is fixed and cannot be altered except in case of exceptional circumstances with due approval of next higher authority.

viii. Bills for percentage rate tenders shall be prepared at the estimated rates for individual items only and the percentage excess or less shall be added or subtracted from the gross amount of the bill.

(Total 119 Clauses)

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GENERAL CONDITIONS

1. Drawings & Specifications

The Contractor, after the award of the contract and on signing the agreement shall be furnished free of cost two copies of each of the drawings specifications, descriptive schedules and other details necessary for execution of the work. All further drawings and details as may be prepared by the department from time to time for reasonable development of the work described in the contract documents and reasonably necessary to explain and amplify the contract drawings and to enable the contractor to execute and complete the work shall also be supplied in duplicate to contractor free of cost.

Any further copies of such drawings, required by the contractor shall be paid for by him. The contractor shall keep one copy of all the drawings specifications, price schedule of items and quantities at work site and the Engineer-in-charge or his authorized representative shall at all reasonable times have access to the same.

2. Contractor's Responsibility.

- a) The contractor shall provide at his cost everything necessary for the proper execution of the works according to the intend and meaning of the drawings, schedule of items and quantities and specifications taken together, if the same is not particularly shown or described therein, provided that the same can reasonably be inferred there from, If the Contractor finds any discrepancy in the drawings or between the drawing and schedule of quantities and specifications, he shall immediately in writing refer the same to the Engineer-in-charge whose decision shall be final & binding.
- b) Any work done at any time or even before receipt of such details shall be removed/replaced by the contractor without any expense to the department If the work is not in order and if so directed by the Engineer-in-charge error inconsistencies in drawings and local conditions affecting the works shall be brought to the notice of the Engineer-in-charge immediately for his decision All drawings, bill of quantities and specifications and copies therefore furnished by the department, are their property. They shall not be used on any other work and shall be returned to the Department on request on completion and before issue of final certificate or termination of the contract.
- c) All materials and workmanship shall be of the respect kinds described in the specification. B.O.Q, contract and in accordance with the instruction of the Engineer-in-charge. The contractor must satisfy himself about the same while furnishing samples for approval of the Engineer-in-charge before incorporation in the works.
- d) The Engineer-in-charge may from time to time cause at his discretion such tests on samples of materials or workmanship of all/any materials and work, as he may consider necessary at places of manufacture, fabrication, on the site or at such other places. The expenditure incurred for all such tests shall be borne by the contractor.
- e) All approved samples are to be preserved by the contractor in a regular manner in the site office for inspection and verification of the Engineer-in-charge or his representative from time to time.
- g). It is the responsible of the tenderer to get the prepare verification certificate from the competent authority for electrical works before the final bill.
- h) **Alteration / Addition & Omissions**
The Engineer-in-charge shall make any variation of the form, quality or quantity of the works or any part thereof that may be in his opinion be necessary and for that purpose or if for any, other reason it shall, in his opinion be desirable, he shall have power to order the Contractor to do so and the Contractor shall do any or allot followings:.
 - a) Increase or decrease the quantity of any work included in the contract.
 - b) Omit any such work.
 - c) Change the levels, lines, position and dimensions of any part of the works, and
 - d) Execute additional works of any kind necessary for the completion of the work. No such variation shall in any way radiate or invalidate the contract, but the value of all such variations

shall be taken into account and shall be added to or deducted from the contract sum accordingly, but no such variation shall be made by the contractor

without prior written instruction from the Engineer-in-charge.

e) The Schedule of quantities/rates shall be deemed to have been prepared and included in accordance with the method of measurement of work set out and as per the relevant specifications or in its absence relevant I.S. code of practice Any error in the specification or in quantity or omission of any item from the schedule of quantities/ rates shall not vitiate the contract, but he adjusted by adding to or deduction from the contract sum provided that no rectification of errors, if any, shall be allowed in the contract schedule of rates.

4. Valuation of variations

- a) All extra or additional work done or work omitted shall be valued at the rates and price set out in the prices schedule of quantities, and/or derived there-from, if in arriving at the contract sum, the Contractor have added to or deducted from the total of the items in the tender any sum either as a percentage or proportion, then the same percentage of proportion shall apply to all items or works in the prices schedule as also for valuation of variation.
- b) If the contract does not contain any rate or price applicable to the extra or additional work, or the rate or price in the priced schedule of quantities has become inapplicable in the opinion of the Engineer-in-charge by virtues of such addition or omission, then suitable rates or price shall be agreed such rates shall be derived by analysis based on standard schedule of rates of State P.W.D. / P.H.D or in case such is not available therein, form any approved schedule with the various elements valued at local market price plus 15 (fifteen) percent towards over-heads.
- c) The extra or additional work like display board, Work contingency (1% of bill amount) etc will be derived and added to the contactor bill and accordingly will be deducted or paid from the same as per direction of Engineer- in- charge.

5. The Offers are also to include

- a) To supply all materials, labour, supervision, services, supports, scaffoldings, approach road, construction equipment, tools and plants etc., as required for proper execution of all the items of the work as per drawing and specification.
- b) To provide all incidental items not shown or specified in particular, but reasonable or necessary for successful completion of the work in accordance with the drawings, specifications and schedule of quantities.
- c) Cleaning, Uprooting the stumps, vegetation and old masonry etc., met in the trenches and excavations.
- d) Providing shoring and shuttering to avoid sliding of the soils and removal of the same or completion.
- e) De-watering as required and directed.
- f) Excavation at all depths (Unless otherwise mentioned in schedule), stacking separately usable and disposal of surface earth and materials from site as directed.
- g) Curing of ail concrete and cement works as per specification and direction,
- h) Centering, shuttering as required for all concrete work.
- i) Bending, binding, tying the grill & placing in position, including supply of all materials &labour etc.
- j) To provide water and power required for construction testing and commissioning,
- k) Testing of materials and works as per specification and direction

Annexure- I

List of Plants & Equipments to be deployed on contract work

Sl. No	Type of Equipments	No. of machines required	Marks
1.	Concrete Mixture	1 No	30
2.	Concrete Vibrator Plate type	1 No.	10
3.	Concrete Vibrator Needle type`	1 No.	10
4.	Truck/ Tipper	1 No	10
5.	Tractor	1 No	10
6.	Water Tanker	1 No.	10
7.	Water Pump	1 No.	10
8.	Centering and Shuttering Plate	1 Set	10

100

CERTIFICATE OF NO RELATIONSHIP

I/We hereby certify that I/We* am/are* related / not related (*) to any officer of Panchayat Samiti Office, HARABHANGA of the rank of Assistant Engineer & above and any officer of the rank of Assistant / Under Secretary and above of the P.R & D.W Department, Govt. of Odisha. I/We* am/are* aware that, if the facts subsequently proved to be false, my/our* contract will be rescinded with forfeiture of E.M.D and security deposit and I/We* shall be liable to make good the loss or damage resulting from such cancellation.

I/We also note that, non-submission of this certificate will render my / our tender liable for rejection.

(*) - Strike out which is not applicable

Signature of the Tenderer
Date:-

SCHEDULE –B

CERTIFICATE OF LIST WORKS EXECUTED

I/We do hereby certify that the following works have been executed by me/us in the last 3 years.

Sl.No	Particulars of work already executed (year wise)	Value of work executed (year wise)	Name of Department under which the works were executed	Period of commencement & completion.	Whether the work were completed in stipulated period.	Remarks
1	2	3	4	5	6	7

Signature of the tenderer.
Date.

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SCHEDULE – B:- DELETED

SCHEDULE – C

CERTIFICATE OF TOOLS AND PLANTS

I/We hereby certify that the following tools and plants, machineries and vehicles are in my /our possession in working orders.

- (i)
- (ii)
- (iii)
- (iv)
- (v)

I/We also note that, non-submission of this certificate will render my/our tender liable for rejection.

Signature of the Tenderer
Date.

SCHEDULE – D:- DELETED

SCHEDULE – E

INFORMATION REGARDING CURRENT LITIGATION, DEBARRING EXPELLING OF TENDERER OR ABANDONMENT OF WORK BY THE TENDERER

- | | | |
|----|---|----------|
| 1. | a) Is the tenderer currently involved in any litigation relating to the works. | Yes / No |
| | b) If yes: give details: | |
| 2. | a) Has the tenderer or any of its constituent partners been debarred/ expelled by any agency in India during the last 5 years. | Yes / No |
| 3. | a) Has the tenderer or any of its constituent partners failed to perform on any contract work in India during the last 5 years. | Yes / No |
| | b) If yes, give details: | |

Note:

If any information in this schedule is found to be incorrect or concealed, qualification application will summarily be rejected.

Signature of Tenderer

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AFFIDAVIT

1. The undersigned do hereby certify that all the statements made in the required attachments are true and correct.
2. The undersigned also hereby certifies that neither my / our firm / company / individuals _____ nor any of its constituent partners have abandoned any road/ bridge/Irrigation /Buildings or other project work in India nor any contract awarded to us for such works have been rescinded during the last five years prior to the date of this bid.
3. The undersigned hereby authorize(s) and request(s) any bank, person, firm or Corporation to furnish pertinent information as deemed necessary and as requested by the Department to verify this statement or regarding my (our) competency and general reputation.
4. The undersigned understands and agrees that further qualifying information may be requested and agree to furnish any such information at the request of the Department.
5. The undersigned undertake that in case of any information furnished by me found to be incorrect, the Government has right to reject the Bid.

(Signature of Tenderer)

Title of Officer

**Name of Firm
Date**

SCHEDULE – G: - DELETED

SCHEDULE – H

**Proposed sub-contracts and firms involved. [Refer ITB Clause 3.2 h]
(Admissible in case of composite bids only)**

Sanction of the works	Value of Sub-contract	Sub-contractor (Name & Address)	Experience in similar work
1	2	3	4

Attach copies of certificates on possession of valid license for executing water supply/sanitary work/building electrification works [Reference Clause 3.2 h]

**Signature of the Tenderer.
Date**

SCHEDULE – I

SAMPLE FORMATS
UNDER TAKING

This is to certify that

1. My firm has neither been associated, directly or indirectly, with the Consultant or with any other entity that has prepared the design, specifications, and other documents for the Project nor has any person associated with been proposed as Project Manager for the Contract.
2. My firm has not engaged any agency and any of its affiliates engaged by the Engineer-in-Charge to provide consulting services for the preparation or supervision of this work.
3. My firm has not engaged any Engineer of gazetted rank employed in Engineering or Administrative duties in an Engineering Department of the Government of Odisha or other gazetted officer retired from Government service during last two years without prior permission of the Government of Odisha in writing on or before submission of this tender. I am aware that my contract is liable to be cancelled if either I or any of my employees is found any time to be such a person who had not obtained the permission of the Government of Odisha as aforesaid.

Signature of the Tenderer.

Date:-

- Note:**
- i. Strike out whichever is not applicable
 - ii. In case any person is under his employment with due permission from Government, the same may be cited in a separate letter.

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SCHEDULE – J

RELATIONSHIP DECLARATION

To,
The Tender Inviting Officer,
Subject: (Name of the Work)
Reference : (Bid reference number)

Sir,
Pursuant to clause 2.2 of the ITB, it is to inform that I have relative(s) employed as an Officer in the rank of an Assistant Engineer/Under Secretary under the _____ Department. His (Their) details are as follows.

Pursuant to clause 2.3 of the ITB, I am to submit herewith the names of persons who are working under my firm having near relatives to any gazetted officer in the rank of an Assistant Engineer/Under Secretary in the _____ Department.

SI No	Name of the my employee and his designation in the firm	Presently working at	Details of his relatives working in the Department
			Relationship Name: Designation Office Address
			Relationship Name: Designation Office Address

I am also duty bound to inform the relationship of any subsequent employment with any gazette officer in the rank of an Assistant Engineer/Under Secretary in the _____ Department. I am aware that any breach of this condition would render my firm liable for penal action for suppression of facts.

Yours Sincerely

Signature of the Tenderer.

Date:-

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CONSTRUCTION OF MULTIPURPOSE HALL AT BHAIRAVI DEGREE COLLEGE, DIST: - BOUDH**BILL OF QUANTITIES FOR CIVIL WORKS**

Sl	Description	Units	Qty	Rate	Amount
1	Earthwork excavation in all kinds of soil as per drawing and technical specification including dressing and levelling the bed, sides and bottom and removing the excavated earth and depositing the same away from the work site within initial lead of 50m and initial lift of 1.5m, including cost, conveyance of all materials, all labour, T&P articles required for the work, including shoring, shuttering, propping and dewatering if required etc. complete in all respect as per direction of the Engineer-in-Charge.	Cum	341.78	311.50	1,06,464.47
2	Back filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m.	Cum	113.93	173.10	19,721.28
3	Carriage / disposal of excavated surplus earth from the worksite by mechanical means within a lead of 5Km including loading and unloading etc. complete. in all respect as per direction of Engineer-in-Charge.	Cum	227.85	278.80	63,524.58
4	Supplying and filling in foundation trenches and plinth with sand, well watered and rammed in layers not exceeding 23cm in depth with all lead and lift including cost, conveyance, loading, unloading, royalties and , materials, cost of all labour, sundries, T&P required for the work etc. complete in all respect as directed by the Engineer-in-Charge.	Cum	331.90	738.70	2,45,174.53
5	Providing and lying Plain Cement Concrete of proportion (1:3:6) in foundation and floors using 4cm (1 1/2") 0 mm & down grade black hard crusher broken granite stone metal, washed and screened sharp sand of approved quality from approved quarry including hoisting, lowering, laying the concrete, ramming, watering and curing etc. complete to required thickness including cost of all materials, conveyance, loading, unloading, cost of labours, T&P, hire & running charges of concrete mixer, etc. all complete as per the direction of the Engineer -in -charge.	Cum	73.18	6260.00	4,58,106.80

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6	Providing and laying in position ready mixed M-25 grade concrete having compressive strength at 28 days test not less than 250 kg/ sq.cm for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , including the cost of centering, shuttering finishing and excluding reinforcement including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, and hoisting, lowering, laying and compacting concrete, watering and curing and finishing the exposed surfaces smooth with cost, conveyance, royalties, of all materials with all labour, Labourcess and T&P required for the work improve workability without impairing strength and durability as per direction of the Engineer - in - charge.				-
A	GROUND FLOOR				-
a	Foundation & bases of column	cum	56.46	7118.83	4,01,928.99
b	Plinth Beam	cum	18.77	7993.83	1,50,044.14
c	Columns	cum	13.17	16506.22	2,17,386.92
d	Roof Beam	cum	16.15	16506.22	2,66,575.45
e	Lintel	cum	2.55	14838.63	37,838.50
f	Chajja	sqm	14.61	1285.24	18,777.36
g	R.C.C. floor and roof slab	cum	49.22	14442.75	7,10,872.16
h	R.C.C. Wall	cum	4.26	8920.00	37,999.20
B	FIRST FLOOR				-
a	Columns	cum	2.26	18583.53	41,998.77
7	Cutting, straightening coiled or bent up M.S. rods, HYSD steel or Tor Steel welding or jointing if necessary, bending, binding, tying the grills as required for RCC works, and hoisting, lowering and placing in proper position according to approved designs and drawings including cost, conveyance, loading, unloading, M.S. rods, HYSD steel or Tor steel and binding wires of 18 to 20 gauge required for the work and cost of all labour, sundries, T&P and scaffolding complete in all respect as directed by the Engineer-in-Charge (payment will be made according to the actual weight of M.S. rod, HYSD steel or Tor steel consumed in the work and no separate payment will be made towards weight of binding wires which is to be borne by the contractor at his own cost).				-
A	GROUND FLOOR	Qntl	224.40	9614.30	21,57,448.92
B	FIRST FLOOR	Qntl	4.52	9648.40	43,610.77

8	Fly Ash brick masonry using fly ash bricks of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:6) with ordinary portland cement (OPC) and screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge.				-
A	Foundation & Plinth	Cum	50.40	5675.20	2,86,030.08
B	GROUND FLOOR	Cum	57.10	5708.60	3,25,961.06
C	FIRST FLOOR	Cum	13.73	6094.60	83,678.86
9	Fly Ash brick masonry using fly ash bricks of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:4) with ordinary portland cement (OPC) and screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in Superstructure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge.				-
A	GROUND FLOOR	Cum	2.34	5937.30	13,893.28
10	Providing 16 mm. thick cement plaster (1:6) finished smooth to inside brick walls after racking out the joints including watering and curing with cost, conveyance, loading, unloading, royalties of all materials, cost of all labour, T&P, sundries and scaffolding required for the work etc. with providing grooves as directed by the Engineer in charge. (INSIDE WALL)				-
A	GROUND FLOOR	Sqm	530.32	279.90	1,48,436.57
11	Providing 6mm thick cement plaster in cement mortar of (1:4) to RCC surfaces such as ceilings of roof slabs, stairs, landings, chajja, shelves, columns, beams and lofts etc. including roughening/chipping, scraping and cleaning and finishing the plastered surface smooth using wooden floats, bars, etc. only to proper plumbs and level, making grooves, beads and drip coarse to give required ornamental finish as per drawing including cost of all materials, conveyance, loading and unloading, royalties, cost of all labour, scaffolding, staging, watering before plastering and curing, sundries and T&P, etc.				-

	complete as per direction of the Engineer-in-charge.				
A	GROUND FLOOR	sqm	284.69	217.10	61,806.20
12	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) finished with top layer 6 mm thick cement plaster 1:6 (1 cement : 6 fine sand).				-
A	GROUND FLOOR	sqm	267.68	296.10	79,260.05
B	FIRST FLOOR	sqm	109.62	302.60	33,171.01
13	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate (DSR 2023- 11.3.1)				-
	Ground floor	sqm	256.18	520.51	1,33,343.86
					-
14	8 to 10 mm thick Full Body Glazed Vitrified tile (600x600) over 20mm thick bed of CM 1:4 (Make somany- Duragres full polished)- Market Rate analysis				-
A	GROUND FLOOR	sqm	256.18	1526.60	3,91,084.39
15	8 to 10 mm thick Matt Vitrified tile (600x600) for dado over 12mm thick bed of CM 1:3				-
A	GROUND FLOOR	sqm	18.47	1336.30	24,681.46
16	Providing and fixing in position wood plastic composite door frame with appropriate length of ETA Approved carbon steel galvanized (minimum 5 microns) double threaded 6.8 grade Polyamide PA 6 grade sleeve HRD C 10 anchor suitable for fastenings both on concrete & masonry/aerated blocks including cost of all materials, labours, T & P etc required for the work. complete in all respect as directed by the Architect/Engineer-in-charge.				-
A	GROUND FLOOR	rnm	11.70	1080.00	12,636.00
17	Supplying, fitting and fixing of 32mm thick flush door shutter with approved quality of 30mm thick BWR block board pasted with 1mm thick sunmica on both side of approved design and quality including cost of all door fittings and fixtures etc. complete.				-

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A	GROUND FLOOR	sqm	5.04	10668.61	53,769.79
18	Supplying, fitting and fixing of M.S grills, Grill window (as per I.S. specification and as per approved drawings) in proper position in all floors and at all height including making holes to brick walls/ R.C.C structure/wood work etc. and making good to the damaged walls/ structures with cement concrete (1:2:4) with black hard crusher broken granite stone chips of 12mm to 20mm size (20mm size not to exceeds 25%) including watering and curing etc. complete in all respect as directed by the Engineer in charge (W.I. / M.S. windows grills, grill gates, collapsible gates with top and bottom rails, steel windows, steel doors, steel frames for doors and windows, staircase and parapet railings square bar along with required nos. of nails and screws and other required materials of approved quality and approved size shall be supplied by the contractor at his own cost.)				-
A	GROUND FLOOR	KG	815.75	73.84	60,234.98
19	Finishing wall surface of walls with wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials, labour T&P etc. complete the work as per the direction of engineer incharge.				-
A	GROUND FLOOR	sqm	1082.69	86.10	93,219.61
19	Providing Wall painting with cement primer(water bound)onecoat to the internal wall surface including cost of all materials, labour, Tools & Plant, Brushes etc. complete in all respects as per the direction of engineer incharge.(Internal)				-
A	GROUND FLOOR	sqm	815.01	83.80	68,297.84
20	Providing Wall painting with Plastic emulsion paint two coats to all New work to get an even shade including cost of all materials, labour, Tools & Plant, Brushes etc. complete in all respects as per the direction of engineer incharge.(interior)				-
A	GROUND FLOOR	sqm	815.01	107.80	87,858.08
21	Painting to external surface of building with two coats of weather seal coat of approved shade and quality of approved design after cleaning by watering & removing the dirt etc. to the surface to be painted including watering, curing, cost, conveyance of all materials, cost of all labour, brushes, T&P etc. and necessary scaffolding work complete as directed by the Engineer-in-charge.				-
A	GROUND FLOOR	sqm	267.68	99.80	26,714.46
B	FIRST FLOOR	sqm	109.62	103.40	11,334.71

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22	Providing Wall painting with cement primer(water bound) one coat to the external wall surface including cost of all materials, labour, Tools & Plant, Brushes etc. complete in all respects.(external)				-
A	GROUND FLOOR	sqm	267.68	83.80	22,431.58
B	FIRST FLOOR	sqm	109.62	87.20	9,558.86
23	Providing and painting two coats with synthetic enamel paint of approved quality and approved shade confirming to ISI on steel work to give an even shade in all floors at all height over a coat of primer of approved quality and shade including sand papering and making the surface smooth with cost, conveyance, loading and unloading, of all materials, cost of all labour, sundries, T&P, scaffolding etc. required for the work and complete in all respect as directed by Engineer-in-charge.				-
A	GROUND FLOOR	sqm	16.32	191.80	3,130.18
24	Providing 2.5 cm thick grading concrete(1:2:2) on roof slab using 6mm size hard granite chips including hoisting, lowering, laying, concrete with watering, curing in all floors with cost, conveyances, royalty of all materials, all labour, labourcess, T&P etc. complete as per direction of the Engineer in charge.				-
A	FIRST FLOOR	Sqm	264.25	438.10	1,15,767.93
25	Supplying, Diluting & Spreading Chemical Emulsion like CHLORPYRIPHOS OR Other Chemical approved by the Central Insecticides Board as directed by the manufacturer and spraying the mixture uniformly by the sprayer as preconstructionalantitermite treatment and creating a chemical barrier under and around the column pits, wall trenches, basement excavation, top surface of plinth filling, junction of walls and floors along with external perimeter of the building, expansion joints, surrounding the pipes and conduits etc. complete at the rate of 7.5 litres (or as directed by the manufacturer) per sqm on vertical and 5.0 litres per sqm on horizontal surfaces, 50% of the emulsion to be filled in center to center etc. complete as per the holes made in trenches at 150m.m IS:6313/1981(Part-II) complete including cost, conveyance, loading, unloading and ,es of all materials, cost of all labour, T&P, sundries and scaffolding where required for the work etc. as directed by the Engineer -in - charge.(The payment shall be made on the basis of the actual measurement of the plinth area of the building at Ground Floor and vertical faces will not be measured for payment).	Sqm	108.72	110.40	12,002.69

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26	Providing and fixing of UPVC sliding windows 2/3 track sliding-60 series/Top hung ventilator of any approved make ,duly manufactured using upvc reinforced profiles of 62mm x 60mm x 2.25mm for outer frame, 66mm x 38mm x 2.25mm for sliding shutter frames capable of mounting single glazing system,structurally reinforced with hot dip galvanised upto 50 microns of minimum thickness of 1.2 mm prefabricated and welded through fusion welding & the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal including the cost of all materials,necessary locking arrangements ,fittings,cost of labour,T&P ,etc complete as per direction of Engineer-in-charge.				-
A	GROUND FLOOR	sqm	26.44	6000.00	1,58,640.00
27	Glass doorSupplying , fitting and fixing of openable UPVC doors with frame of approved make with 6mm thick glass of approved quality complete with frame, shutters and all fitting and fixtures.				-
A	GROUND FLOOR	Sqm	5.76	8682.12	50,009.01
28	Providing and lying integral cement based water proofingtreatment including preparation of surface as required for treatment of roofs, balconies, terrace etc consisting of following operations: (a) Applying a slurry cot of neat cement using 2.75kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using briken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortr 1:5 (1 cement : 5 coarse sand) admixed with water proofingcompound conforming to IS : 2645 and approved by Engineer-in-charge over 20mm thick laayer of cement mortr of mix 1:5 (1 cement 5 coarse saand) admixed with water proffing compound conforming to IS : 2645 and approved by Enginer-in-charge to required slope and treating similarly the adjoining wall up to 300 mm height including rounding of junctions of waall and slabs. (c) After two dys of proper curing applying a second coat of cement slurry using 2.75 kg/sqqm of cement admixed with water proffing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 (1 cement 1: 4 Coarse cement sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge	Sqm	264.25	780.00	2,06,115.00
	Total A =				75,50,540.38
A.3	PLINTH PROTECTION				

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29	Earth work in excavation in all kinds of soil (Ordinary, hard soil & stoney earth soil) for foundation trenches within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5 cm to 7 cm and laying in layers not exceeding 0.3 m in depth and as per specification approved by the department.	CUM	8.00	311.50	2,492.00
30	Supplying, filling in foundation and plinth with sand including watering and ramming with cost, conveyance, royalties of sand with labour and T&P required for the work etc. complete (Measurement will be taken on finished compacted section only).	CUM	5.00	738.70	3,693.50
31	Providing & laying Plain Cement concrete (PCC) of proportion (1:4:8) in foundation and floors using 4cm (1½”) size clean hard black crusher broken granite stone metal of approved quality and from approved quarry including hoisting, lowering and laying concrete in layers not exceeding 15 cm. (6”) thick to the required level ramming, watering, curing etc. complete including cost, conveyance, royalties and ,es of all materials with all labour, cess and T&P required for the work etc. complete in all respect.	CUM	3.00	5864.90	17,594.70
32	Providing & laying Plain cement concrete (1:2:4) using 12mm size black hard crusher broken granite chips of approved quality from approved quarry including hoisting, lowering and laying concrete in layers, watering, curing etc. complete including cost, conveyance, royalties of all materials with labour, cess and T&P etc. required for the work complete.	CUM	2.00	7896.30	15,792.60
33	Providing Brick work with Fly ash bricks 25cm x 12cm x 8cm size having crushing strength not less than 75 kg/cm ² with dimensional tolerance +/- 2 percent in cement mortar (1:6) (1 cement: 6 sand), with all necessary projection, splay cutting, circular moulding, corbelling, etc., including cost of all materials, labour, conveyance, loading ,and unloading, royalties, scaffolding, watering, curing, sundries, tools and plants, etc., as per the direction of the Engineer-in-charge.	CUM	4.00	5675.20	22,700.80
34	Providing 12 mm. thick cement plaster in plinth protection at all height with cement mortar of mix (1:6) with portland slag cement (PSC) finished smooth to inside rough surface of brick masonry walls after racking out joints including watering and curing rounding of corners etc. complete with cost, conveyance, loading and unloading, royalties and ,es of all materials and cost of all labour, T&P, sundries and scaffolding required for the work etc. with providing grooves as directed by the Engineer in charge.	SQM	40.00	193.80	7,752.00
	Total =				70,025.60

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BILL OF QUANTITIES (WATER SUPPLY & SANITATION)					
	Description	Units	Qty	Rate	Amount
35	Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor pvc pipes conforming to ASTM-D-1785/89 (Sch-80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor all complete as per specification and direction of the Engineer in charge. Ground Floor 25mm dia PVC ASTM pipe (sch-80)	Mtr	10.00	213.20	2,132.00
	32mm dia PVC ASTM pipe (sch-80)	Mtr	12.00	277.80	3,333.60
	40mm dia PVC ASTM pipe (sch-80)	Mtr	15.00	363.80	5,457.00
	First Floor 40mm dia PVC ASTM pipe (sch-80)	Mtr	40.00	377.70	15,108.00
	50 mm dia PVC ASTM pipe (sch-80)	Mtr	30.00	468.10	14,043.00
36	Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor CPVC pipes conforming to IS:15778 having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings including fixing the pipe with clamps at 1.00. spacing. This includes Jointing of pipes & fittings with one step CPVC solvent cement and testing of Joints all complete as per specification and direction of the Engineer in charge. Ground Floor 20mm dia CPVC pipe	Mtr	10.00	273.40	2,734.00
	25mm dia CPVC pipe	Mtr	12.00	361.70	4,340.40
	32mm dia CPVC pipe	Mtr	15.00	534.60	8,019.00
37	Supplying all materials, labour, T&P and cutting holes through existing brick work including making good the damages in cement mortar (1:4) for taking GI pipes and fittings/ PVC pipes and fittings etc all complete as per PH specification and direction of the Engineer in charge. 250mm thick wall Ground Floor	Each	10	65.70	657.00
38	Supplying all materials, labour, T&P and cutting hole in R.C.C floors, roofs, etc upto 19 cm thick for passing GI pipes / PVC pipes and fittings etc and repairing the holes after insertion of pipes etc with cement concrete (1:2:4) including finishing complete so as to make it leak proof as per direction of the Engineer in charge. Ground Floor	Each	5	221.80	1,109.00
39	Supplying all materials, labour, T&P and cutting grooves in pucca floors and walls for taking GI/ PVC pipes and making good the damages as per the direction of the Engineer in charge. Ground Floor	Mtr	12.00	229.30	2,751.60

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40	Supplying all materials, labour, T&P and fitting and fixing brass/CP fittings of the following nominal bore with supply of all jointing materials complete as per specification and direction of the Engineer in charge. 15 mm dia 2 WAY BIB COCK WITH WALL FLANGE (FLR-CHR-5041N Jaquar Make)	Each	4	2140.90	8,563.60
	15mm dia CP Health Faucet (ALD-CHR-577)	Each	4	1698.00	6,792.00
	15 mm dia CP Long body Bibcock(FLR-CHR-5043N Jaquar make)	Each	4	2288.50	9,154.00
	15mm dia CP ANGULAR STOP COCK WITH WALL FLANGE (FLR-MCH-5053N Jaquar Make)	Each	8	1255.00	10,040.00
	20mm dia CP CONCEALED STOP COCK EXT HVY WTH WITH FLANGE(FLR-MCH-5083N Jaquar)Make	Each	2	1501.10	3,002.20
	32mm dia CP Bottle trap (Jaquar make)-ALD - CHR-769L -300x190cm	Each	4	1747.20	6,988.80
	Auto closing concealed urinal flush valve(Jaquar make)-PRS-CHR-077	Each		2288.50	-
	URINAL PARTITION ST.450mm(JSE-CHR-810US450X)	Each		4774.00	-
	15 mm dia CP pillar cock auto closing system(Jaquar)-PRS-CHR-031	Each	4	2214.70	8,858.80
	Sink Cock - Jaquar Make - CON-CHR-349KNM	Each		2116.30	-
	Soap Dispenser with glass bottle(ACN-CHR-1135N)	Each	3	1328.80	3,986.40
	CP soap Dish holder (Jaquar make)-AKP-ABR-35731P	Each	8	1698.00	13,584.00
	Towel Ring Round - (As Per Jaquar,Catno.:ACN-CHR-1121BN)	Each	6	935.10	5,610.60
	600mm long CP towel rail(Jaquar)-ACN-IVY-1111NM	Each	2	1378.10	2,756.20
	25mm dia brass or gun metal fullway valve (Shakti Make)	Each	2	945.80	1,891.60
	32mm dia brass or gun metal fullway valve (Shakti Make)	Each	2	1385.20	2,770.40
	50mm dia brass or gun metal fullway valve (Shakti Make)	Each	2	2580.90	5,161.80
	15mm dia CP flange	Each	15	40.30	604.50
	15mm dia CP extension piece	Each	15	59.30	889.50
	C.P. Waste 1 1/4"	Each	4	104.30	417.20
41	Supplying all materials, labour, T&P and fitting and fixing CP shower with 15mm or 20mm inlet with CP shower arm including polishing all complete as per specification and direction of the Engineer in charge.15mm dia CP revolving shower With shower arm(Jaquar)OHS-CHR-1985+SHA-CHR-477	Each	2	1722.60	3,445.20

42	Supplying all materials, labour, T&P and fitting and fixing 10 litres capacity low level flushing cistern with a pair of cast iron or M.S brackets complete with fittings such as siphonic arrangements 15mm nominal size brass/pvc ball valve with polythene float CP brass handle, unions and couplings for connection with inlet, outlet and over flow pipes,32mm dia CP flush bend,15mm diapvc inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistern and closet and connecting the inlet pipe with supply main etc all complete as per specification and direction of the Engineer in charge 10 litres capacity pvc low level cistern with 32mm dia CP long flush bend Slimline white (Hindware / Parryware Make)	Each	3	1651.60	4,954.80
43	Supplying all materials, labour, T&P and fitting and fixing U-PVC SWR soil waste ventilating pipes and fittings of the following outside diameter conforming to ISI No. 13592/1992 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification, testing, earthwork in excavation in all kinds of soil and refilling of trenches as per specification and direction of the Engineer in charge In ground floor 110mm dia U-PVC SWR pipe (Ashirbad /Sentinity/Supreme)	Mtr	8.00	499.00	3,992.00
	110mm U-PVC door tee	Each	4	386.00	1,544.00
	110mm U-PVC Plain tee	Each	3	322.70	968.10
	110mm U-PVC door bend	Each	3	293.60	880.80
	110mm U-PVC plain bend	Each	4	232.00	928.00
	110mm dia U-PVC 'P' trap	Each	4	497.30	1,989.20
	110mm dia U-PVC Plain Shoe Bend	Each	4	232.00	928.00
	110mm dia U-PVC offset with out ear	Each	3	407.40	1,222.20
	110mm dia U-PVC cowl	Each	3	58.20	174.60
	125mm dia CP grating	Each	5	95.20	476.00
	Grab bar 300MM (Jaquar make)AHS-CHR-1501	Each	2	1353.40	2,706.80
44	Supplying all materials, labour, T&P and cutting holes through existing brick or laterite masonry wall for taking HCI pipes and fittings including making good the damages etc all complete as per PH specification and direction of the Engineer in charge. 250mm to 375mm thick wall	Each	8	262.30	2,098.40
45	Supplying all materials, labour, T&P and cutting of R.C.C roof or cornice for taking H.C.I pipes and making good the damages etc all complete as per P.H.Specification and direction of the Engineer in charge.	Each	5	217.00	1,085.00

46	Supplying all materials, labour, T&P and fixing the following vitreous china Wash Down Water Closet (European type W.C pan) with integral 'P' or 'S' trap to the floor with wooden plug and chromium plated pedestal screws including jointing the trap with soil pipe in cement mortar (1:1), fixing plastic seat and cover for wash down water closet with chromium plated brass hinges and rubber buffers including polishing etc all complete as per specification and direction of the Engineer in charge. European water closet with 'S' trap plain (Hindware)No.20079	Each	1	3313.60	3,313.60
47	Supplying all materials, labour, T&P and fixing wash basins with hole for pillar taps with cast iron or M S brackets painted white including cutting holes in walls and making good the damages with supply of wooden plugs, screws and cement etc, fixing pedestal for wash basin recessed at the back for the reception of pipes and fittings, fixing PVC waste pipe of 32mm nominal diameter for wash basin including brass check nut complete, fixing pillar taps capstan head screw down high pressure lettered 'Hot' and 'Cold' with long screws, shanks and back nuts of 15mm dia nominal bore, fixing 15mm dia PVC inlet connection pipe and making connection with pillar cocks and supply mains for wash basin, fixing 32mm dia CP brass waste, etc all complete as per specification and direction of the Engineer in charge. Under counter basin(Hindware)10095 LARA	Each	3	6546.50	19,639.50
48	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or plywood sheet and fixed to wooden plugs with CP screws and washers complete as per specification an direction of the Engineer in charge. Design mirror	Each	4	1662.70	6,650.80
49	Supplying all materials, labour, T&P and providing cement concrete (1:2:4) with 12mm size hard broken granite chips including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer in charge.				-
	Ground Floor	Cum	1.71	7859.8	13,440.26
50	Supplying all materials, labour, T&P and providing 12mm thick cement plaster (1:4) on brickwork including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer in charge				-
	Ground Floor	Sqm	61.73	206.8	12,765.76

51	Supplying all materials, labour, T&P and providing ceramic tiles in floors, treads and landing on 25mm thick bed of cement mortar 1:1 (1 cement:1 sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete as per direction of the Engineer in charge. Kajaria / Somany / Johnson to be pre-approved 600 x 600mm of size.				-
	Ground Floor	Sqm	18.31	1086.4	19,891.98
52	Supplying all materials, labour, T&P and fixing porcelain glazed tiles in dados skirting on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per direction of the Engineer in charge. Kajaria / Somany 600x 300 size.				-
	Ground Floor	Sqm	61.73	1058	65,310.34
53	Supplying all materials, labour, T&P and providing brick work with Fly Ash bricks having crushing strength not less than 75kg/cm ² with dimensional tolerance \pm 8 percent in cement mortar (1:3) including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer in charge In Superstructure In Ground floor				-
	Ground Floor	cum	0.17	6516.30	1,107.77
54	Supplying all materials, labour, T&P and providing distempering 2 coats to walls with distemper of approved shade on new work to give an even shade etc all complete as per specification and direction of the Engineer in charge.				-
	Ground Floor	Sqm	47.32	84.9	4,017.47
55	Finishing wall surface of walls with Acrylic wall putty (Water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete.				-
	Ground Floor	Sqm	47.32	111.60	5,280.91

56	Factory made single leaf Solid WPC (Wood polymer) composite door shutter of 25mm thick compacted with wood grain finish structural foam panel of 29mm thickness and a density of 20kg/cu.mtr shall be used as core material for fitting the metal fittings such as tower bolts, aldrops, handles etc shall be provided. A structural adhesive compatible with (EPS) foam shall be used for bending the core material, The material and process for manufacturing the door shutters shall conform to RV-TIFAC composites Design Centre's standards and specifications and the door shutters Conforming to relevant I.S.specification. The finish of door shutter will be plain colour white/ Ivory/ Beige/ Light grey/ Mahogany/ Teak wood or any other colour using high quality pigments. Three heavy whight mild steel butt hinges type-I (ISI marked) size 100mm are to be fitted on one side of shutter.				-
	D2 = (3) x 0.750 x 2.400	Sqm	5.40	4980.85	26,896.59
57	Factory made Solid WPC door frame of size 95mmx55mm fabricated .The door frame consist of four segments which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screw. The WPC frame shall be provided with The material and process for manufacturing the door frames shall conform to RelaventI.S.specification. The finish of door frame will be plain colour white/ Ivory/ Beige/ Light grey/ Golden brown/Mahogany/ Teak wood/sand stone/Champagne/Pastel blue or any other colour using high quality pigments complete in all respect as per specification and direction of the Engineer in charge.				-
	D2(Frame) = (3) x (0.750+2.4+2.4)	Mtr	16.65	1080.00	17,982.00
	<u>Construction 1 nos 100 users RCC Septic tank</u>				-
58	Earth work in excavation of foundation in all kinds of soil within 50m initial lead and 1.5m initial lift including rough dressing & breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-Charge.	cum	97.02	328.49	31,869.81
59	Supplying all materials,labour ,T&P and filling in foundation and plinth with sand well watered and rammed including cost, conveyance of all materials to work site ,payment of royalty,taxes etc. all complete as per direction of the Engineer-in -charge				-
	In ground floor 1x9.90mx4x0.15m=	cum	5.94	893.4	5,306.80
60	Supplying all materials, labour, T&P and providing cement concrete (1:4:8) with 4cm size crusher broken hard granite metal including watering, curing, cost of all materials,conveyance of all materials to work site with payment of royalty, all taxes etc all complete as per P.W.D specification and direction of Engineer-in-charge.				-

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BLOCK DEVLOPMENT OFFICER.
HARABHANGA BLOCK

	In ground floor 1x9.90mx4x0.15m=	cum	5.94	5847.00	34,731.18
61	Supplying all materials, labour, T&P and providing cement concrete (1:2:4) with 12mm size crusher broken hard black granite chips including watering, curing, cost of all materials, conveyance of all materials to work site with payment of royalty, all taxes etc all complete as per P.W.D specification and direction of Engineer-in-charge.				-
	In ground floor 1x9.90mx4x0.15m=	cum	5.94	7859.80	46,687.21
62	Supplying all materials, labour, T&P and providing cement concrete (1:1:5:3) with 12mm size hard broken granite chips for R.C.C works including hoisting, laying, watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer in charge.	cum	27.87	8551.30	2,38,324.73
63	Supplying all materials, labour, T&P and providing rigid and smooth centering and shuttering for R.C.C works including false work and dismantling them after casting including conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer in charge.	Sqm	37.15	769.20	28,575.78
64	Supplying all materials, labour, T&P and providing M.S reinforcement for R.C.C work including cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer in charge. Ground floor	Qntl	21.53	9379.3	2,01,936.33
65	Supplying all materials, labour, T&P and providing 6mm thick cement plaster(1:4) on RCC work including watering, curing, cost of all materials, conveyance of all materials to worksite, payment of royalty, all taxes etc. all complete as per PWD specification and direction of the Engineer-in-charge.				-
	In ground floor 1x(9.50+3.50)x4.40=	Sqm	57.2	216.8	12,400.96
66	Supplying all materials, labour, T&P and providing 12mm CP (1:4) with cement punning on brick work including watering, curing, cost of all materials, conveyance of all materials to worksite, payment of royalty, all taxes etc. all complete as per PWD specification and direction of the Engineer-in-charge.	sqm	83.82	214.6	17,987.77
67	Supplying all materials, labour, T&P and providing, fitting and fixing 100mmx100mmx100mm SW Tee in wall including filling the recess with cement concrete (1:3:6) with 12mm size h.g chips all complete including watering, curing, conveyance of all materials to worksite, payment of royalty all	Each	2.00	456.2	912.40

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BLOCK DEVELOPMENT OFFICER.
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	complete as per specification and direction of the Engineer in charge.				
68	Supplying all materials, labour, T&P and making MS step iron in 20mm diameter MS steel bars and fixing into walls of man hole/septic tank duly embedded in cement concrete (1:3:6) complete as per specification and direction of the Engineer in charge.	Each	5.00	294.4	1,472.00
69	Filling in foundation and plinth with excavated materials, moorum including watering and ramming as directed by the Engineer in charge	cum	10.80	170.005	1,836.05
70	EXTERNAL P.H. WORK Supplying all materials, labour, T&P and laying in trenches (to level or slope) unplasticized PVC pipes conforming to IS: 4985/2000 of the following outside dia for class-3(0.60mpa) including jointing with supply of approved solvent cement by non-heat application method/as per manufacturer's specification, providing and laying in trench cement concrete (1:4:8) with 40mm size hard granite metal in the Type C-1 standard bedding surrounding or encasing including concrete for bedding and curing etc all complete as per PH specification and direction of the Engineer in charge. 110mm dia U-PVC Around Concrete	Mtr	15.00	1374.00	20,610.00
71	160mm dia U-PVC Around Concrete	Mtr	20.00	2213.00	44,260.00
72	Supplying all materials, labour, T&P and constructing gully trap chamber of the following inside size with 8cm thick R.C.C precast cover slab in cement concrete (1:2:4) mix using 12mm size h.g chips, foundation concrete (1:4:8) using 40mm size hard granite metal on bed and around trap,KB brickwork in cement mortar (1:6) in F&P and inside 12mm thick cement plastering (1:3) finished with a floating coat of neat cement including fixing 100mmx100mm size HCI gully trap,150mmx150mm size CI grating etc all complete as per approved drawing, specification and direction of the Engineer in charge. Inside size 250mmx250mm	Each	3	1871.30	5,613.90

73	Supplying all materials, labour, T&P and constructing inspection chamber of the following size with cement concrete(1:3:6) using 40mm size hard granite metal on bed, 1st class fly ash brickwork in cement mortar(1:6), moulding and shaping the channel inside and benching with cement concrete (1:2:4) using 12mm size h.g chips, 12mmthick cement plaster (1:3) with punning to inside, cement flush pointing (1:3) to outside, RCC cover slab in (1:1.5:3) using 12mm size h.g chips with RCPC man hole cover, earthwork in excavation in all kinds of soil and refilling the cavity around the chamber including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of the Engineer in charge. Inside size 760mmx760mmx460mm .	Each	3	11290.60	33,871.80
74	---- do --- addl depth of 0.15m upto 0.90m	Each	3	1431.70	4,295.10
75	R.C.P.C.Manhole Cover	Each	3	1093.10	3,279.30
76	Supplying all materials, labour, T&P and constructing man hole chamber of the following size with cement concrete(1:3:6) using 40mm size hard granite metal on bed, fly ash brickwork in cement mortar(1:6), moulding and shaping the channel inside and benching with cement concrete (1:2:4) using 12mm size h.g chips,12mmthick cement plaster (1:3) with punning to inside, cement flush pointing (1:3) to outside, R.C.C cover slab in (1:1.5:3) using 12mm size h.g chips with RCPC man hole cover, earthwork in excavation in all kinds of soil and refilling the cavity around the chamber including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of the Engineer in charge. Inside size 910mmx910mmx910mm	Each	2	22000.80	44,001.60
77	R.C.P.C.Manhole Cover	Each	2	1093.10	2,186.20
78	Supplying all materials, labour, T&P and constructing soakway pit of the following size with dry brick walling from bottom upto invert of inlet pipe and fly ash brickwork in cement mortar (1:6) for the remaining height at top, cement concrete (1:4:8) using 40mm size hg chips on bed, 12mm thick cement plaster (1:4) inside and outside over masonry brickwork, gravel backing in the rear of well steining, RCC cover slab in cement concrete (1:2:4) using 12mm size hg chips fitted with iron lifting handles including earthwork in open well excavation in all kinds of soil and refilling of cavity around the pit & painting the iron works, watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of the Engineer in charge. 1.40m dia x 2.00m deep soakway pit	Each	1	26204.00	26,204.00

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79	Supplying all materials,labour,T&P and fixing 5000 ltr Rotational moulded polyethylene cylindrical vertical water storage tanks conforming to IS : 12701--1996 including cutting holes through the tank and fixing mild steel tubes and fittings and providing extra sockets and jam nuts, fixing ball valve etc, including hoisting upto a height of 5 metres above ground level and placing the tank to the required position and providing 1st class K.B brickwork in cement mortar (1:6) of 0.46m height in staging and in circular protection wall to support the tank, 12mm thick cement plaster (1:6) over brickwork, R.C.C slab of size 1.60mx1.60m and 0.10m thick, R.C.C beam of 0.25mx0.30m and 2.60m average length in cement concrete(1:2:4) using 12mm size h.g chips including centering and shuttering, watering, curing, conveyance of all materials to worksite etc all complete as per specification and direction of the Engineer in charge	Each	1	40715.20	40,715.20
				Total:	12,21,524.41
				Say	12,21,524.00
BILL OF QUANTITIES OF ELECTRICAL WORK					
	Description	Units	Qty	Rate	Amount
	INTERNAL WIRING.				
80	Recessed wiring to light point / first light of group control/ call bell point/ exhaust fan point /wall fan point with 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked in 20 mm dia non-metallic PVC conduit with 6 Amp, 250 V clip in type switch ISI marked and ceiling rose ISI marked mounted on G.I modular box with face plate & cover of suitable size , with 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection as per direction of Engineer in Charge. (Make of wire Finolex /Polycab/ Anchor / Havels/Eq) (Make of modular box,cover,switch& socket-Legrand Arteor/schneider Zencelo/Panasonic Vision/Eq) With 10Years Warenty				-
	Group C	Nos.	30	1269.00	38,070.00

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81	Recessed wiring to secondary light point looped from primary light point with 1.5sqmm FRLSH PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metallic PVC conduit with 1.5sqmm FRLSH PVC insulated single core multistrand copper conductor for running earth including 3 plate ISI marked Ceiling rose with all accessories & connection as per direction of Engineer-in-charge. (Make of wire KEI /Polycab/ Anchor / Havels/Eq) Average Length: 3 mtr	Nos.	16	478.00	7,648.00
82	Recessed wiring to ceiling fan point with 1.5sqmm FRLSH PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metallic PVC conduit with 6Amp 250V Modular Switch,Stepped type Moudular Regulator, Base & Cover with 1.5sqmm FRLSH PVC insulated single core multistrand copper conductor for running earth including all accessories & connection as per direction of Engineer in charge. (Make of wire KEI /Polycab/ Anchor / Havels/Eq) Group c	Nos.	17	1665.00	28,305.00
83	Recessed wiring to Twin control light point with 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked in 20 mm dia non-metalic PVC conduit with 6Amp, 250 V clip in type 2way switch ISI marked and ceiling rose ISI marked mounted on G.I modular box with face plate & cover of suitable size , with 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire including all accesories and connection as per direction of Engineer-in-charge. (Make of wire KEI /Polycab/ Anchor / Havels/Eq) Group C	Nos.	2	1710.00	3,420.00
84	Recessed wiring for 5 / 6 amp socket outlet with 6Amp, 250 V clip in type modular switch ISI marked mounted on G.I moular box with face plate & cover of suitable size including all accesories and connection on same switch board as per direction of Engineer-in-charge.	Nos.	12	578.00	6,936.00
85	Recessed wiring for 5 / 6 amp socket outlet with 2 x 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked in 20 mm dia non-metalic PVC conduit with 6Amp, 250 V clip in type switch ISI marked mounted on G.I moular box with face plate & cover of suitable size , with 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire including all accesories and connection on separate board as per direction of Engineer-in-charge.(Make of wire KEI /Polycab/ Anchor / Havels/Eq) Group C	Nos.	1	1419.00	1,419.00
86	Recessed wiring for 2 x 6 amp socket outlet controlled by 2 nos 6Amp, 250 V clip in type switch ISI marked mounted on single G.I moular box with face plate & cover of suitable size including all accesories and connection on	Nos.	10	1061.00	10,610.00

CONTRACTOR

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	separate board as per direction of Engineer-in-charge.				
87	Recessed wiring for 6 pin 16 amp socket outlet with 16Amp, 250 V clip in type switch ISI marked mounted on G.I moular box with face plate & cover of suitable size including all accessories and connection as per direction of Engineer-in-charge.	Nos.	10	918.00	9,180.00
88	Recessed wiring for A.C/ Power socket outlet with industrial type socket outlet, plug top and metal chained cover in sheet steel enclosure ,20A/32A SP MCB including all accessories and connection as per direction of Engineer-in-charge.	Nos.	8	1096.00	8,768.00
89	Recessed wiring to exhaust fan/Wall Fan point with 1.5sqmm FRLSH PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metallic PVC conduit with 6Amp 250V Modular Switch, Base & Cover with 1.5sqmm FRLSH PVC insulated single core multistrand copper conductor for running earth including all accessories & connection as per direction of Engineer in charge. (Make of wire KEI /Polycab/ Anchor / Havels/Eq) Group C	Nos.	4	1269.00	5,076.00
90	Call bell point	Nos.	1	1432.00	1,432.00
	SUB TOTAL				1,20,864.00
	SUBMAIN.				-
91	Recessed wiring to submain in 4 x 10 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 32 mm dia non-metalic heavy duty PVC conduit 1.6 mm thick along with 2 x 4 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire as equired. (Make of wire KEI /Polycab/ Anchor / Havels/Eq)	Mtrs	30	491.00	14,730.00
92	Recessed wiring to submain in 4 x 6 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 32 mm dia non-metalic heavy duty PVC conduit 1.6 mm thick along with 2 x 2.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire as equired. (Make of wire KEI /Polycab/ Anchor / Havels/Eq)	Mtrs	0	335.00	-
93	Recessed wiring to submain in 2 x 6 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 25 mm dia non-metalic heavy duty PVC conduit 1.6 mm thick along with 1 x 2.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire as equired. (Make of wire KEI /Polycab/ Anchor / Havels/Eq)	Mtrs	30	238.00	7,140.00

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94	Recessed wiring to submain in 2 x 4 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metalic heavy duty PVC conduit 1.6 mm thick along with 1 x 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire as equired. (Make of wire KEI /Polycab/ Anchor / Havels/Eq)	Mtrs	400	204.00	81,600.00
95	Recessed wiring to submain in 2 x 2.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metalic heavy duty PVC conduit 1.6 mm thick along with 1 x 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire as equired. (Make of wire KEI /Polycab/ Anchor / Havels/Eq)	Mtrs	600	186.00	1,11,600.00
96	Recessed wiring to submain in 2 x 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metalic heavy duty PVC conduit 1.6 mm thick along with 1 x 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire as equired. (Make of wire KEI /Polycab/ Anchor / Havels/Eq) (For Switch Board Looping)	Mtrs	90	172.00	15,480.00
	SUB TOTAL				2,30,550.00
					-
97	DB.				-
	Supply and fixing of following way three pole and neutral, sheet steel, MCB distribution, 415 V on surface / recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, hinged front acrylic cover for the MCB knobs detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required wih necessary MCB , RCCB / ISOLATORS as required.Note for MCB- There should be colour indication for tripping On ,Off & Trip/There should be mid trip position for toggles for electrical fault conditions.(With 5Years Warenty)				-
a)	Supply, fixing, erecting, connecting and commissioning of indoor type dust and vermin proof, sheet steel clad ready made, double door horizontal type powder coated wall mounted 4 way TPN Distribution Boards For PDB suitable for 440 V, three phase, 4 wire 50 Hz AC Supply complete with bottom detachable plate for interconnections etc as below.Incommer 1 No-63A FP MCB (10KA) Outgoings-10/20A SP MCB 10KA-12Nos.(Make-L&T/ Hager/Schneider/Legrand/Eq)	Nos.	2	14143.00	28,286.00

b)	Supply, fixing, erecting, connecting and commissioning of indoor type dust and vermin proof, sheet steel clad ready made, double door horizontal type powder coated wall mounted 12 way SPN Distribution Boards For LDB suitable for 440 V, three phase, 4 wire 50 Hz AC Supply complete with bottom detachable plate for interconnections etc as below.Incommer 1 No-40A DP MCB (10KA) Outgoings-10A SP MCB 10KA-10Nos.(Make-L&T/ Hager/Schneider/Legrand/Eq)	Nos.	2	10144.00	20,288.00
	SUB TOTAL				48,574.00
					-
	CABLE .				-
98	Supply &Laying of one number of PVC insulated and PVC seathed / XLPE power cable of 1.1 KV grade of 3.5core 35 sq.mm direct in ground includingexcavation , sand cushining protective covering and refilling the trench etc. as required.(Make-polycab/KEI/Rhino cable/Eq)	Rmt	80	452.00	36,160.00
99	Supply &Laying of one number of PVC insulated and PVC seathed / XLPE power cable of 1.1 KV grade of 4 core 16 sq.mm Aluminium on surface as required.(Make-polycab/KEI/Rhino cable/Eq)	Rmt	15	326.00	4,890.00
	SUB TOTAL				41,050.00
	END TERMINATION				-
	Supplying and making end termination with brass compression gland and aluminum lugs for following size of PVC insulated and PVC sheathed / XLPE aluminum cable of 1.1 KV as required.				-
100	3.5C x 35 sq.mm	set	2	700.00	1,400.00
101	4C x 16 sq.mm	set	2	550.00	1,100.00
	SUB TOTAL				2,500.00
	PANEL				-
	Supply, installation,testing& commissioning of floor mounting front operated front access extensible type cubicle panel totally enclosed, dust and vermin proof with IP-42 /55 protection with hinged and lockabaledoors.CRCA sheets including interconnections,tinned copper crimping lugs, bonding to earth and painting suitable for use at 415 V, 3phase 4 wire 50 Hz system, and to withstand a fault level of 35 KA symmetrical for 1 sec at 415 V complete as per specifications, as required and as below : All switchboards shall have provision for entry of cables from the bottom as required. All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The bus bars shall be insulated with heat shrinkable sleeves.SMC/DMC shrouds and busbar supports shall be used with Indication lamp, C.T , Digital Voltmeter, Digital Ammeter and control fuse etc. complete. MAKE- Legrand / Schneider/Hager/ L&T/SIEMENS/Eq.				-

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BLOCK DEVELOPMENT OFFICER.
HARABHANGA BLOCK

102	MAIN PANEL with 100A 4P MCCB 25KA - 1 No as incomer, 63A 4P MCB 10KA 3Nos,40A DP MCB 10KA -2Nos, 63A 4P Change over Switch 1Nos,40A 4P MCB 10KA 2Nos, 40A DP MCB 10KA.-3Nos, with E.C Busbars with 4nos 65KA VSD along with 4nos 32A SP MCB.	set	1	99018.00	99,018.00
	SUB TOTAL				99,018.00
	EARTHING				-
103	Earthing with copper earth plate 600 mm x 600mm x 3.15 mm thick ISI marked including accessories and providing masonry with cover plate having locking arrangement and watering pipe etc with charcoal and salt as required.	Set	2	13757.00	27,514.00
104	Supplying and laying 25 mm x 6 mm CU earth strip ISI marked at 0.5 meter below ground level as strip earth electrode including soldering etc. as required.	Rmt	10	729.00	7,290.00
105	Supplying and laying 25 mm x 6 mm CU earth strip ISI marked on surface or in recess for connection etc as required.	Rmt	25	783.00	19,575.00
106	Providing and fixing 8 SWG CU wire on surface or in recess for loop earthing as required.	Rmt	15	89.00	1,335.00
	SUB TOTAL				55,714.00
					-
107	Lightning Arrester.				-
(a)	Supply & fixing of lightning arrester of size 2.6' length made of 0.5" diameter copper rod, over which 5nos 5" length pointed copper rods of 0.3" diameter with suitable size of nuts and bolts.	Nos	2	2500.00	5,000.00
(b)	Supply & fixing of GI flat of 25mmx5mm size.	kg	75	783.00	58,725.00
©	Earthing with copper earth plate 600 mm x 600mm x 3.15 mm thick ISI marked including accessories and providing masonry with cover plate having locking arrangement and watering pipe etc with charcoal and salt as required.	Set	2	13757.00	27,514.00
	SUB TOTAL				91,239.00
	FIXTURE				-
	Supply, Installation, Testing and Commissioning of pre-wired fluorescent fitting / compact fluorescent fitting /LED fitting of all sizes complete with all accessories and lamp etc. directly on ceiling /wall or recessed in false ceiling , including connection with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor and earthing as required. Make- JAQUAR/Bajaj/Eq. With 5 Years Warenty.				-
108	Ceiling mounted indoor type batten type LED Luminaire with LED Lamp Similar to JAQUAR Cat No. LGLZ01X024XW or equivalent.	Nos	1	470.00	470.00
109	Ceiling/ Wall mounted type BULKHEAD Luminairewith Similar to JAQUAR Cat No.LBLK02X010XW or equivalent.	Nos	4	1074.00	4,296.00
110	Supply, Installation, testing and commissioning of 10W Mirror Light Similar to JAQUAR Cat no-LGLZ01X010XW/Equivalent.	Nos	2	309.00	618.00

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BLOCK DEVELOPMENT OFFICER.
HARABHANGA BLOCK

111	Supply, Installation, Testing and Commissioning of ceiling fan 1200mm sweep, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq.mm FR PVC insulated single core multiatrand copper conductor etc. as required.Model -USHA ENERGIA 32 BLDC 5 STAR.	Nos	17	3834.00	65,178.00
112	Supply, Installation, testing and commissioning of exhaust fan of 300 mm sweep 900 rpm in the existing opening, including making the hole to suit the size of the above fan, making good the damage complete, connection, etc asrequired.Model-Usha AEROCLEAN.	Nos	4	1937.00	7,748.00
113	Supply & fixing of 18W LED Down Light (S/R) similat to Jaquar Cat no-LNRO02S018SW/Equivalent With all accessories.	Nos	20	1060.00	21,200.00
114	Supply & fixing of LED 36w 2'x2' Surface/Recessed Mounted Light similar to jaquar cat no-LULU2SL036XC / Equivalent. etc asrequired .	Nos	20	1923.00	38,460.00
115	Supply, Installation, testing and commissioning of wall fan of 400 mm sweep asrequired.Model-400mm STRIKER HI SPEED.	Nos	0	3089.00	-
	SUB TOTAL				1,37,970.00
	Perforated type cable tray				-
	Supply and installation of Pregalvanised Perforated type cable trays without cover. The rate shall include bends, Tees, all supporting brackets, anchor fasteners, screws, bolts, nuts etc., including painting of cable trays. Thickness of sheet steel shall be 2 mm. Support sizes similar to ladder type trays				-
116	Size of Cable Tray :300 mm x 50 mm	Rmtr	5	777.00	3,885.00
117	Size of Cable Tray :150 mm x 50 mm	Rmtr	12	604.00	7,248.00
	SUB TOTAL				11,133.00
	<u>SAFETY EQUIPMENTS</u>				-
118	Supply and installation of Rubber Mats 12mm thick of size 2000mm x 1000mm x 12 mm thick Electrical tested with test certificate.	Nos	1	3500.00	3,500.00
119	Supply and fixing of fire buckets with angular fabricated stand to fix 4 buckets in each stand for Electrical fire protection as per standards of Electrical Inspectorate.	sets	1	1500.00	1,500.00
120	Supply and fixing of Co2 fire extinguisher with mounting clamps with pressure test certificate .	Nos	4	7500.00	30,000.00
121	Supply and fixing of shock treatment charts duly laminated along with separate colour single line diagram laminated, to be fixed in Electrical control panel room.	sets	2	650.00	1,300.00
122	Supply and fixing of first aid box with medicines complete with medicine with three years expiry date to be fixed in Electrical control panel room.	set	1	1500.00	1,500.00
	SUB TOTAL				37,800.00

CONTRACTOR

BLOCK DEVLOPMENT OFFICER.
HARABHANGA BLOCK

Sl.No.	DESCRIPTION OF WORKS		AMOUNT IN Rs.
	SECTION - I		
	CIVIL WORKS		
	(i) Additional Class Room Building	Rs.	75,50,540.38
	(ii) Plinth Protection	Rs.	70,025.60
A	Total Section-I	Rs.	76,20,565.98
	SECTION - II		
	INTERNAL SERVICES		
	(i) Internal & External Plumbing works	Rs.	12,21,524.00
	total PH work=	Rs.	12,21,524.00
	(i) Internal Electrical work	Rs.	8,76,412.00
	(ii) Provision of AC -8 nos	Rs.	4,80,000.00
C	total EI work=	Rs.	13,56,412.00
D	Total Section-II(B+C)	Rs.	25,77,936.00
E	Total BOQ Amount- Section-I & II(A+D)	Rs.	1,01,98,502.98
	Or say	Rs	1,01,98,503.00

CONTRACTOR

BLOCK DEVELOPMENT OFFICER.
HARABHANGA BLOCK

Special condition: -All materials, labour, machineries, and equipments required to complete the work in all respect shall be arranged by the tenderer at his own cost. The employer will bear no responsibility in this aspect.

My / Our quoted rate is _____ % Excess over the Estimated cost put to Tender
_____ % Less than the Estimated cost put to Tender
_____ Equal to the corresponding estimate rate.

Signature of the Contractor.

Notes: 1. The Contractor should not write anything except quoting of percentage, excess/ less / equal to the estimated cost.

No. of corrections.....

No. of overwriting.....

No. of interpolations.....

No. of omission.....

Signature of Tenderer.
with date of submission of Tender.

Block Development Officer.
Harabhanga Block.

Official use only

1.Name of the work: - **CONSTRUCTION OF MULTIPURPOSE HALL AT BHAIRAVI DEGREE COLLEGE.**

- 2.Approximate estimated cost put to tender :- Rs. 1,01,98,503 /-
- 3.Value of E.M.D as per tender call notice :- Rs. 1,01,985 /-
- 4.(a) E.M.D deposited by the tenderer in shape of :-
- (b)Amount pledged/ un pledged :-
5. GSTIN :-
6. Stipulated period of completion :-
- 7.Cost of tender paper :- Rs.10,000/-
- 8.Date & time of opening of the tender paper :- Dt.15.07.2026, At 11.00 AM
- 9.Tender paper in -----/ sheets
- 10.No of items tendered :- 122 (One Hundred Twenty-two)
- 11.Total overwriting and correction :-

Sold to _____

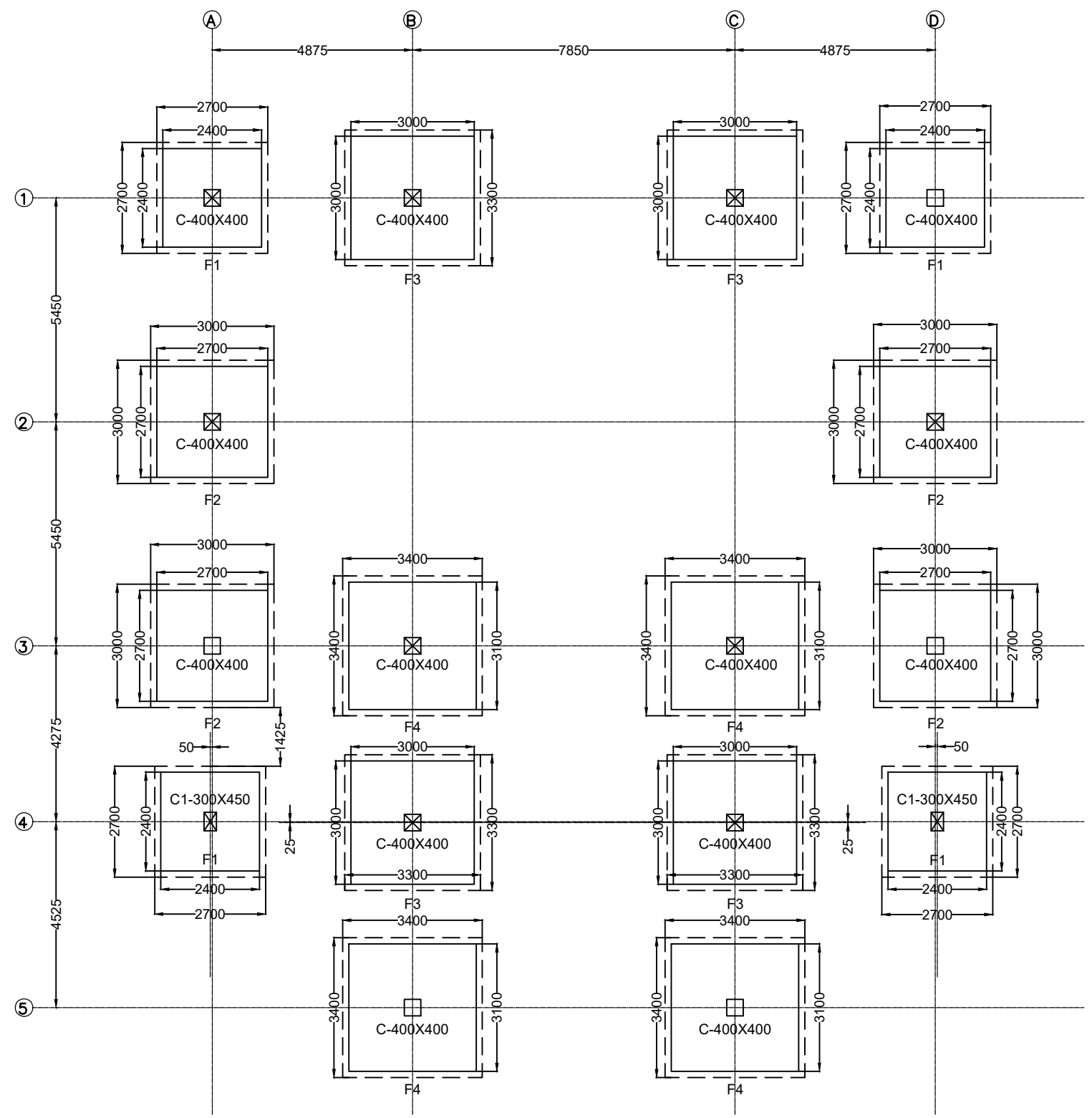
_____class contractor

Vide M.R No _____ dated _____

**Block Development Officer
Harabhanga Block
(Office Seal)**

CONTRACTOR

BLOCK DEVELOPMENT OFFICER.
HARABHANGA BLOCK



FOUNDATION LAYOUT PLAN

PROJECT:
CONSTRUCTION OF MULTIPURPOSE HALL
AT BHAIRAVI DEGREE COLLEGE

NOTE:
1. ALL DIMENSIONS ARE IN MM.
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION	BY.
21-04-2026	R0	APPROVAL	--

DRG. TITLE:
STRUCTURAL
DRAWING

DIRECTION:
N

DATE:
21-04-2026

SCALE:
NTS

CLIENT:
B.D.O,
HARBHANGA,
DIST-BOUDH.

CONSULTING ENGINEERS:
ARCHIMADE INTERIORS
archimadeinteriors@gmail.com
PLOT NO-780/2167, 3RD FLOOR,
SANTOSHI VIHAR, MEHERPALLI,
LAXMISAGAR, BBSR - 751006 ,
ODISHA.

DRG. NO:
SI/ST/2026/021/118

REV. NO:
R0

TYPE OF PROJECT:
SCHOOL
BUILDING

SHEET NO.:
1 OF 3

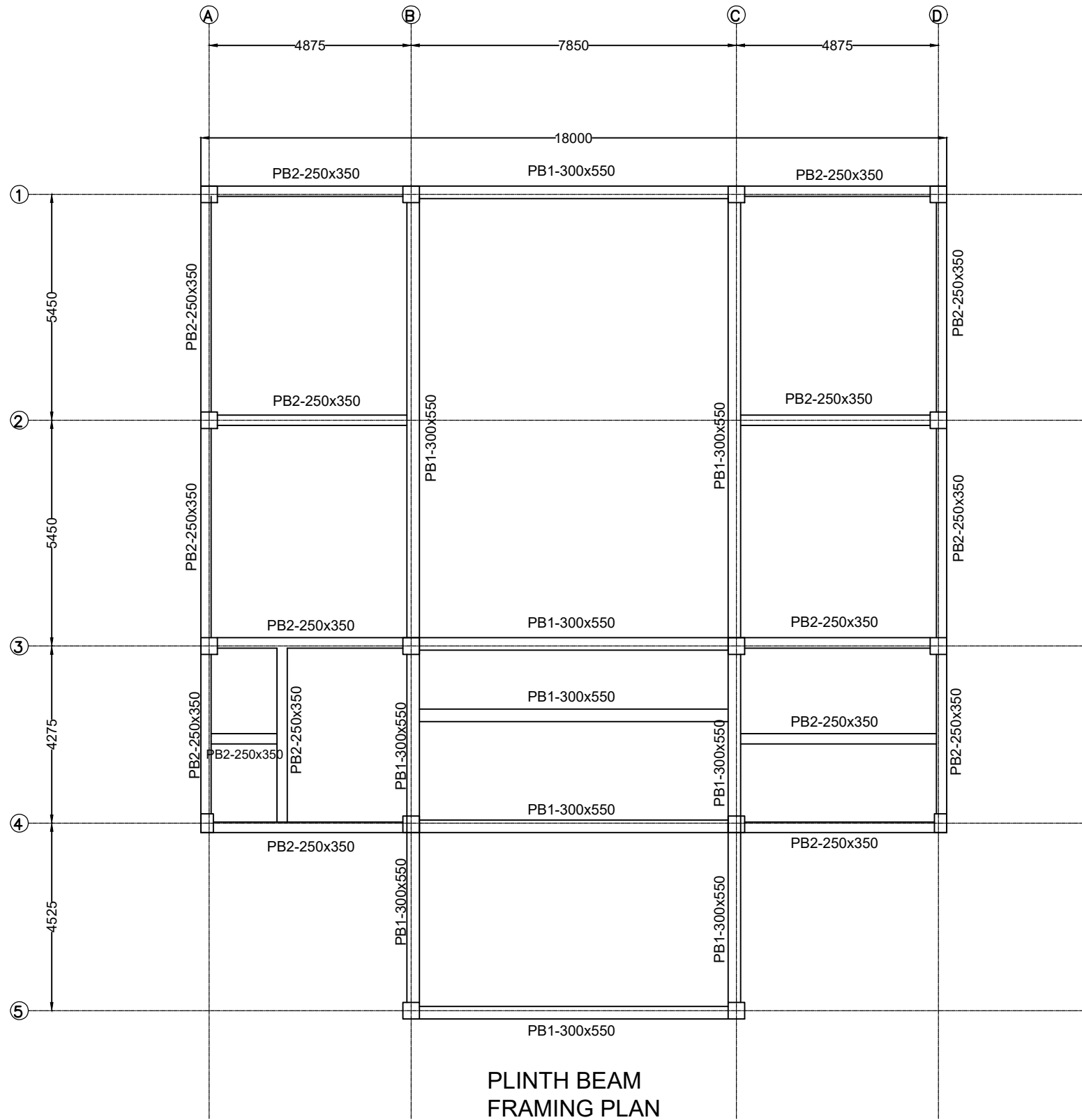
DRAWN BY:

CHECKED BY:
RSH

ARCHITECT:
PS

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PROJECT:
CONSTRUCTION OF MULTIPURPOSE HALL
AT BHAIRAVI DEGREE COLLEGE

NOTE:
1. ALL DIMENSIONS ARE IN MM.
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION.	BY.
21-04-2026	R0	APPROVAL	--

DRG. TITLE:
STRUCTURAL
DRAWING

DIRECTION:
 N

DATE:
21-04-2026

SCALE:
NTS

CLIENT:
B.D.O,
HARBHANGA,
DIST-BOUDH.

TYPE OF PROJECT:
SCHOOL
BUILDING

CONSULTING ENGINEERS:
ARCHIMADE INTERIORS
archimadeinteriors@gmail.com
PLOT NO-780/2167, 3RD FLOOR,
SANTOSHI VIHAR, MEHERPALLI,
LAXMISAGAR, BBSR - 751006 ,
ODISHA.

SHEET NO.
2 OF 3

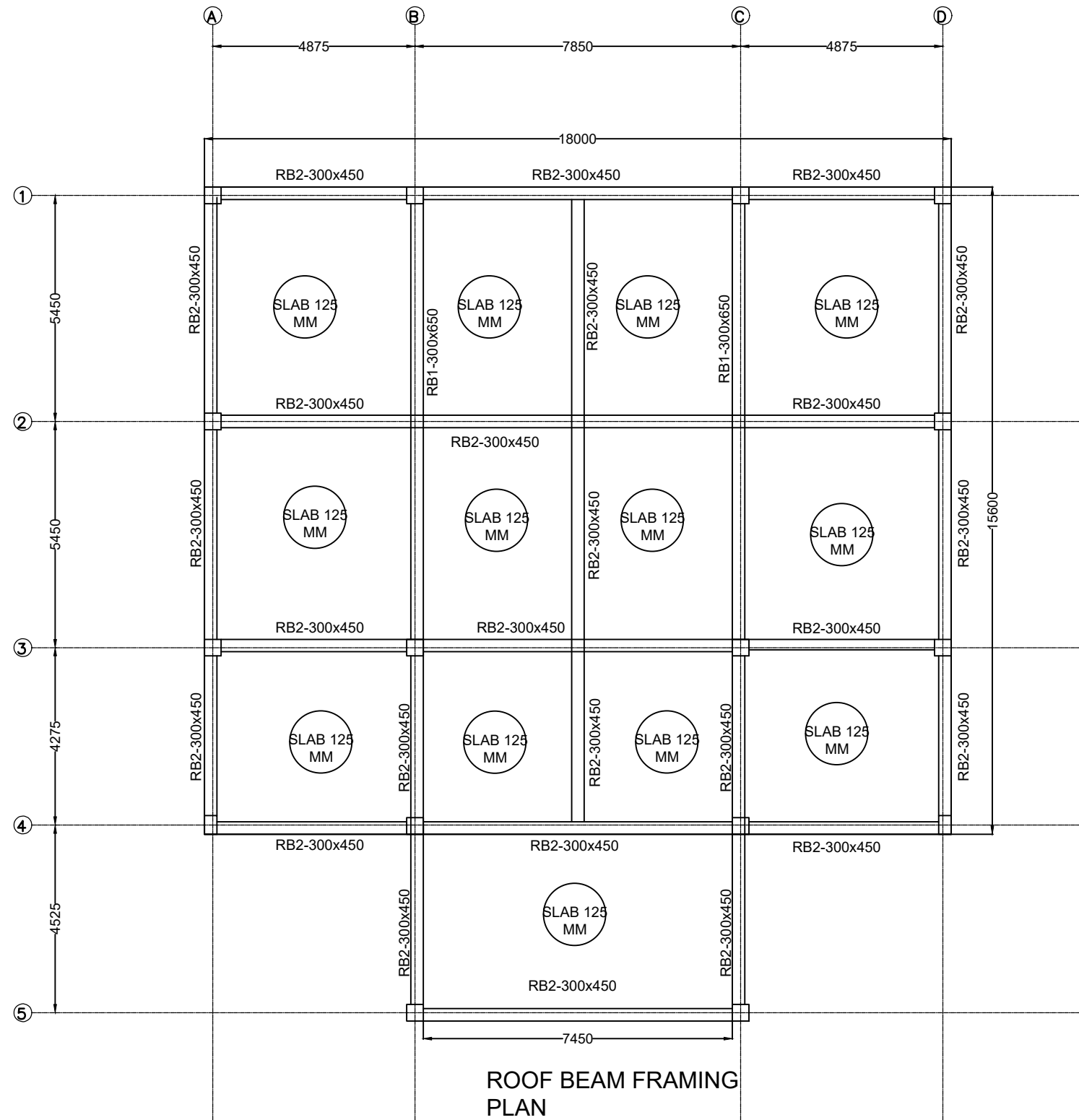
DRAWN BY:

CHECKED BY:
RSH

ARCHITECT:
PS

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ROOF BEAM FRAMING PLAN

PROJECT:
CONSTRUCTION OF MULTIPURPOSE HALL
AT BHAIRAVI DEGREE COLLEGE

NOTE:
1. ALL DIMENSIONS ARE IN MM.
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION	BY.
21-04-2026	R0	APPROVAL	--

DRG. TITLE:
STRUCTURAL DRAWING

DIRECTION:
N

SHEET NO.:
3 OF 3

DATE:
21-04-2026

DRG. NO:
SI/ST/2026/021/118

DRAWN BY:

SCALE:
NTS

REV. NO.:
R0

CHECKED BY:
RSH

CLIENT:
B.D.O,
HARBHANGA,
DIST-BOUDH.

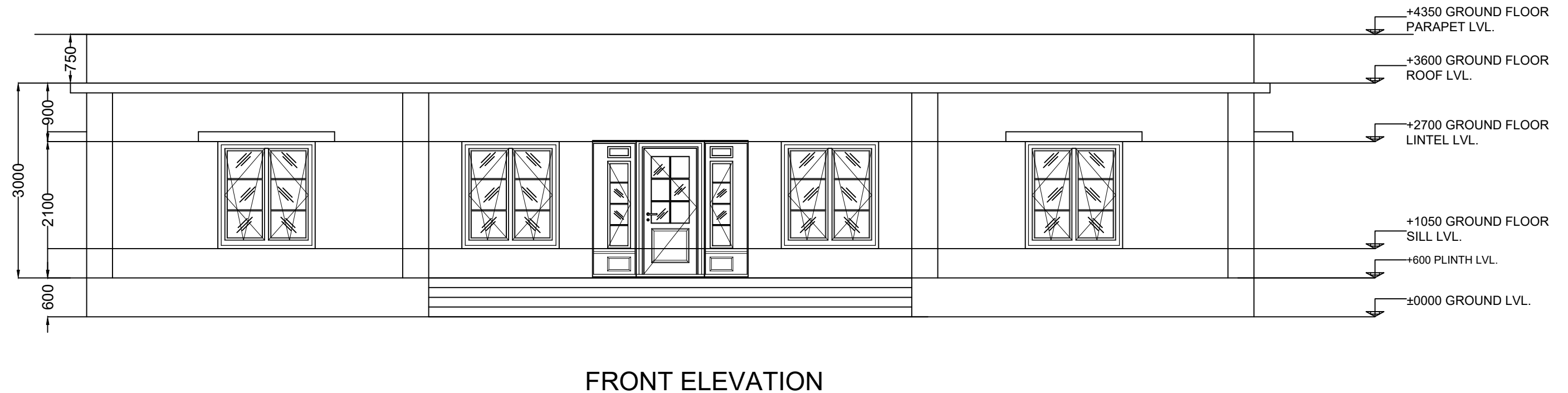
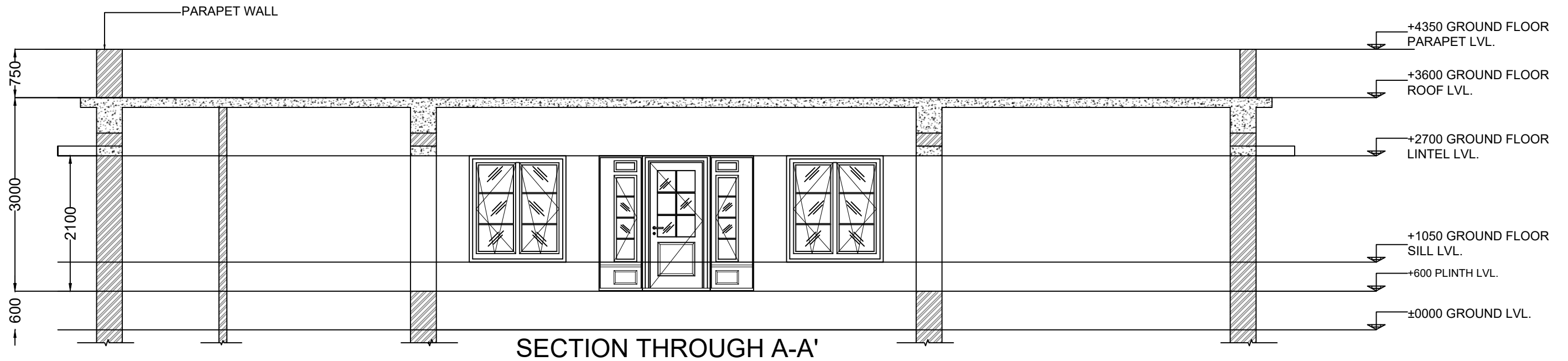
TYPE OF PROJECT:
SCHOOL BUILDING

ARCHITECT:
PS

CONSULTING ENGINEERS:
ARCHIMADE INTERIORS
archimadeinteriors@gmail.com
PLOT NO-780/2167, 3RD FLOOR,
SANTOSHI VIHAR, MEHERPALLI,
LAXMISAGAR, BBSR - 751006 ,
ODISHA.

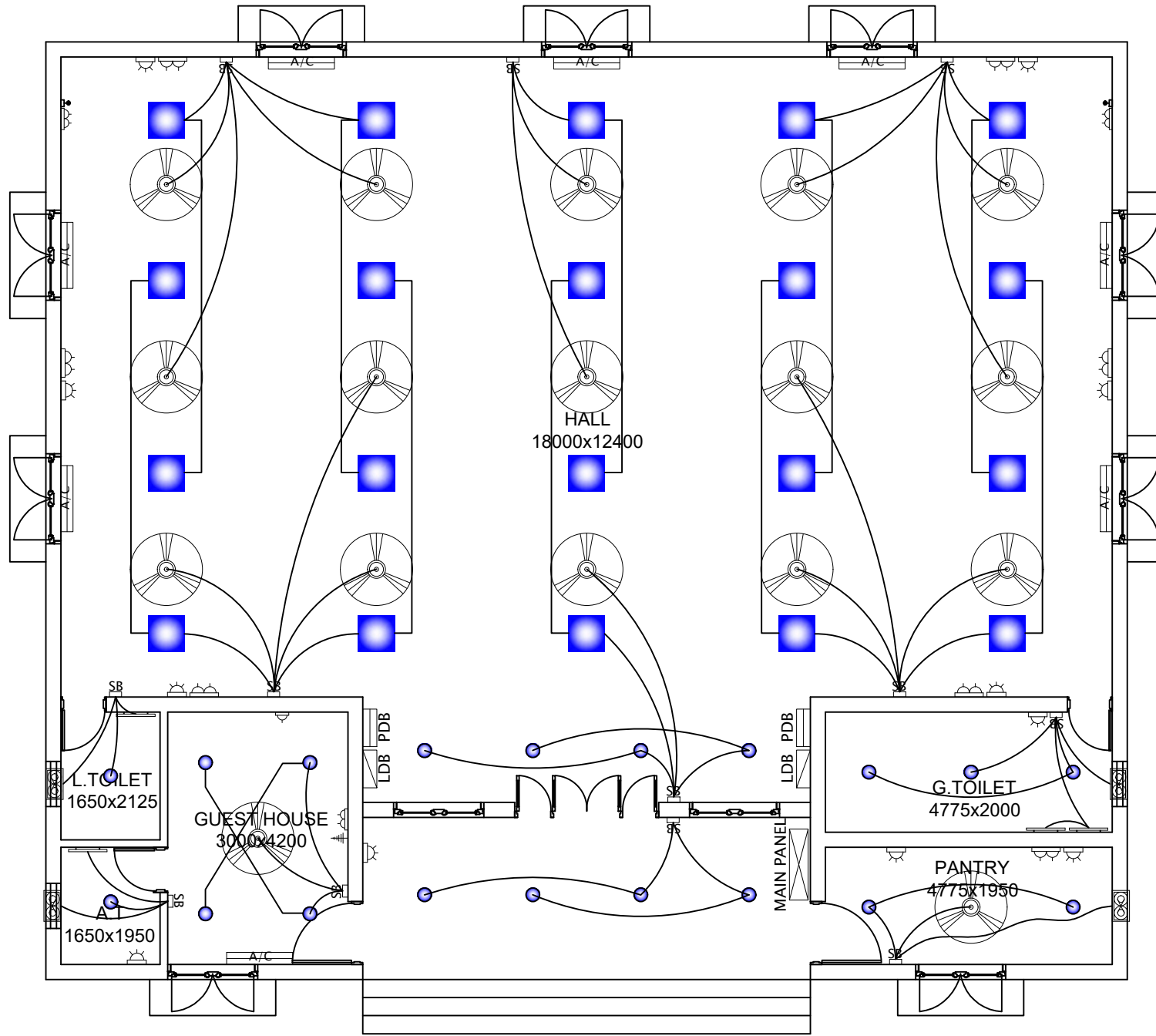
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PROJECT CONSTRUCTION OF MULTIPURPOSE HALL AT BHAIRAVI DEGREE COLLEGE	NOTE 1. ALL DIMENSIONS ARE IN MM. 2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.					DRG. TITLE ARCHITECTURE DRAWING	DIRECTION 	DATE 21-04-2026	SCALE NTS	CLIENT B.D.O, HARBHANGA, DIST-BOUDH.	CONSULTING ENGINEERS: ARCHIMADE INTERIORS archimadeinteriors@gmail.com PLOT NO-780/2167, 3RD FLOOR, SANTOSHI VIHAR, MEHERPALLI, LAXMISAGAR, BBSR - 751006 , ODISHA.
		DRG. NO SI/ST/2026/021/118	REV. NO. R0	TYPE OF PROJECT SCHOOL BUILDING	DATE 21-04-2026			REV. NO. R0	APPROVAL --	SHEET NO. 2 OF 2	
DATE 21-04-2026	REV. NO. R0	DESCRIPTION APPROVAL	BY --					<small>THIS DRG. IS COPY RIGHT IS THE PROPERTY OF CONSULTANT AND IS NOT TO BE REPRODUCED, COPIED, HANDED OVER TO A THIRD PARTY OR USED FOR ANY PURPOSE OTHER THAN THAT FOR IT HAS BEEN LOANED.</small>			

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LEGEND OF ELECTRICAL FITTINGS	
	CEILING FAN
	EXHAUST FAN
	2'x2' LED RECESSED LIGHT
	LED BATTEN LIGHT
	LED MIRROR LIGHT
	12W LED RECESSED LIGHT
	SB WITH 6A SOCKET
	16A SOCKET WITH SWITCH
	6A SOCKET ON SEPARATE
	2X6A SOCKET WITH SWITCH
	TV OUTLET
	WALL FAN
	DATA OUTLET
	TELEPHONE
	SPLIT AC POINT ONLY
	LIGHT BDB
	POWER BDB

PROJECT:
CONSTRUCTION OF MULTIPURPOSE HALL
AT BHAIRAVI DEGREE COLLEGE

NOTE:
1. ALL DIMENSIONS ARE IN MM.
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION.	BY.
21-04-2026	R0	APPROVAL	--

DRG. TITLE:
ELECTRICAL
DRAWING

DIRECTION:

DATE:
21-04-2026

SCALE:
NTS

CLIENT:
B.D.O.
HARBHANGA,
DIST-BOUDH.

CONSULTING ENGINEERS:
ARCHIMADE INTERIORS
archimadeinteriors@gmail.com
PLOT NO-780/2167, 3RD FLOOR,
SANTOSHI VIHAR, MEHERPALLI,
LAXMISAGAR, BBSR - 751006 ,
ODISHA.

SHEET NO.
1 OF 1

DRG. NO
SIST/2026/021/118

REV. NO.
R0

TYPE OF PROJECT:
SCHOOL
BUILDING

DRAWN BY:

CHECKED BY:
RSH

ARCHITECT:
PS

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CONSTRUCTION OF UP GRADED HIGH SCHOOL BUILDING AT KARANJAKATA, BOUDH**BILL OF QUANTITIES FOR CIVIL WORKS**

Sl	Description	Units	Qty	Rate	Amount
1	Earthwork excavation in all kinds of soil as per drawing and technical specification including dressing and levelling the bed, sides and bottom and removing the excavated earth and depositing the same away from the work site within initial lead of 50m and initial lift of 1.5m, including cost, conveyance of all materials, all labour, T&P articles required for the work, including shoring, shuttering, propping and dewatering if required etc. complete in all respect as per direction of the Engineer-in-Charge.	Cum	131.00	311.50	40,806.50
2	Back filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5m.	Cum	43.67	173.10	7,559.28
3	Supplying and filling in foundation trenches and plinth with sand, well watered and rammed in layers not exceeding 23cm in depth with all lead and lift including cost, conveyance, loading, unloading, royalties and , materials, cost of all labour, sundries, T&P required for the work etc. complete in all respect as directed by the Engineer-in-Charge.	Cum	221.26	738.70	1,63,444.76
4	Providing and lying Plain Cement Concrete of proportion (1:3:6) in foundation and floors using 4cm (1 1/2") 0 mm & down grade black hard crusher broken granite stone metal, washed and screened sharp sand of approved quality from approved quarry including hoisting, lowering, laying the concrete, ramming, watering and curing etc. complete to required thickness including cost of all materials, conveyance, loading, unloading, cost of labours, T&P, hire & running charges of concrete mixer, etc. all complete as per the direction of the Engineer -in -charge.	Cum	36.9	6260.00	2,30,994.00

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5	Providing and laying in position ready mixed M-20 grade concrete having compressive strength at 28 days test not less than 250 kg/ sq.cm for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , including the cost of centering, shuttering finishing and excluding reinforcement including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, and hoisting, lowering, laying and compacting concrete, watering and curing and finishing the exposed surfaces smooth with cost, conveyance, royalties, of all materials with all labour, Labourcess and T&P required for the work improve workability without impairing strength and durability as per direction of the Engineer - in - charge.				-
A	GROUND FLOOR				
a	Foundation & bases of column	cum	21.08	6730.61	1,41,881.26
b	Plinth Beam	cum	16.08	7605.61	1,22,298.21
c	Columns	cum	17.08	16118.01	2,75,295.61
d	Roof Beam	cum	16.5	16118.01	2,65,947.17
e	Lintel	cum	2.42	14450.41	34,969.99
f	Chajja	sqm	17.94	1260.00	22,604.40
g	R.C.C. floor and roof slab	cum	50.42	14055.00	7,08,653.10
h	R.C.C. staircase	cum	3.85	15978.41	61,516.88
B	FIRST FLOOR				-
a	Columns	cum	10.79	18195.31	1,96,327.39
b	Roof Beam	cum	16.5	18195.31	3,00,222.62
c	Lintel	cum	2.91	16195.04	47,127.55
d	Chajja	sqm	19.77	1437.49	28,419.18
e	R.C.C. floor and roof slabs	cum	50.42	15719.00	7,92,551.98
f	R.C.C. staircase	cum	3.85	18028.34	69,409.11
C	TERRACE FLOOR				-
a	Columns	cum	4	19517.29	78,069.16
b	Roof Beam	cum	1.24	19517.29	24,201.44

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c	Lintel	cum	0.09	17117.25	1,540.55
d	Chajja	sqm	0.72	1574.33	1,133.52
e	R.C.C. floor and roof slabs	cum	3.43	16545.00	56,749.35
6	Cutting, straightening coiled or bent up M.S. rods, HYSD steel or Tor Steel welding or jointing if necessary, bending, binding, tying the grills as required for RCC works, and hoisting, lowering and placing in proper position according to approved designs and drawings including cost, conveyance, loading, unloading, M.S. rods, HYSD steel or Tor steel and binding wires of 18 to 20 gauge required for the work and cost of all labour, sundries, T&P and scaffolding complete in all respect as directed by the Engineer-in-Charge (payment will be made according to the actual weight of M.S. rod, HYSD steel or Tor steel consumed in the work and no separate payment will be made towards weight of binding wires which is to be borne by the contractor at his own cost).				-
A	GROUND FLOOR	Qntl	149.93	9614.30	14,41,472.00
B	FIRST FLOOR	Qntl	104.59	9648.40	10,09,126.16
C	TERRACE FLOOR	Qntl	11.39	9684.20	1,10,303.04
7	Fly Ash brick masonry using fly ash bricks of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:6) with ordinary portland cement (OPC) and screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge.				-
A	Foundation & Plinth	Cum	14.12	5675.20	80,133.82
B	GROUND FLOOR	Cum	78.82	5708.60	4,49,951.85
C	FIRST FLOOR	Cum	82.8	6094.60	5,04,632.88

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8	Fly Ash brick masonry using fly ash bricks of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:4) with ordinary portland cement (OPC) and screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in Superstructure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge.				-
A	GROUND FLOOR	Cum	3.48	5937.30	20,661.80
B	FIRST FLOOR	Cum	1.73	6323.30	10,939.31
9	Providing 16 mm. thick cement plaster (1:6) finished smooth to inside brick walls after racking out the joints including watering and curing with cost, conveyance, loading, unloading, royalties of all materials, cost of all labour, T&P, sundries and scaffolding required for the work etc. with providing grooves as directed by the Engineer in charge. (INSIDE WALL)				-
A	GROUND FLOOR	Sqm	709.1	279.90	1,98,477.09
B	FIRST FLOOR	Sqm	642.81	287.00	1,84,486.47
C	TERRACE FLOOR	Sqm	38.09	294.40	11,213.70
10	Providing 6mm thick cement plaster in cement mortar of (1:4) to RCC surfaces such as ceilings of roof slabs, stairs, landings, chajja, shelves, columns, beams and lofts etc. including roughening/chipping, scraping and cleaning and finishing the plastered surface smooth using wooden floats, bars, etc. only to proper plumbs and level, making grooves, beads and drip coarse to give required ornamental finish as per drawing including cost of all materials, conveyance, loading and unloading, royalties, cost of all labour, scaffolding, staging, watering before plastering and curing, sundries and T&P, etc. complete as per direction of the Engineer-in-charge.				-
A	GROUND FLOOR	sqm	304.54	217.10	66,115.63
B	FIRST FLOOR	sqm	306.82	222.70	68,328.81
C	TERRACE FLOOR	sqm	18.2	228.50	4,158.70
11	12mm cement plaster to out side of brick surfaces with cement mortar of mix 1:6 (1 cement : 6 fine sand) including necessary scaffolding, curing etc. all complete at all floors and all heights.				-

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A	GROUND FLOOR	sqm	216.37	193.80	41,932.51
B	FIRST FLOOR	sqm	209.71	198.60	41,648.41
C	TERRACE FLOOR	sqm	162.83	203.50	33,135.91
12	MS Doors & Windows				-
A	GROUND FLOOR	Kg	1152	90.00	1,03,680.00
B	FIRST FLOOR	Kg	1318.5	90.00	1,18,665.00
C	TERRACE FLOOR	Kg	87.75	90.00	7,897.50
13	Providing vitrified tile flooring using Matt/Glazed vitrified tiles Coloured/Printed having thickness of 8mm to 10mm conforming to IS 13756 of 600mm x 600mm Colour & Printed Series (homogeneous) of approved quality of Somany / Kajaria / Asian / Johnson or equivalent in all floors at all height on 20mm thick bed of cement mortar of mix (1:4) laid in proper slope and gradient with screened and washed sharp sand for mortar and grouted with epoxy grout with required quantities of pigments of approved marks to match the shades of the vitrified tile if required watering and curing for 21 days, including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, sundries, T&P required for the work, complete in all respect as per specification and direction of Engineer-in-charge.				-
A	GROUND FLOOR	sqm	287.15	1134.30	3,25,714.25
B	FIRST FLOOR	sqm	270.74	1148.00	3,10,809.52
14	Supplying , fitting and Fixing Matt/Glazed finish full body vitrified tile Coloured/Printed in dado /skirting of 10MM thick, size 600mm x 600mm with water absorption less than 0.3 % of somany / Kajaria of approved make having base price of the tile Rs. 90 / sqft confirming to I.S.15622 laid on 12mm thick cement mortar (1:3) (1 cement : 3 coarse sand) and filling joints with white cement of approved quality including cost of all materials, labour, T&P etc. required for the work all complete as per direction of Architect /Engineer-in-charge.				-
A	GROUND FLOOR	sqm	28.61	1336.30	38,231.54
B	FIRST FLOOR	sqm	27.01	1356.90	36,649.87

15	Providing Granite stone prepolished 20mm thick of area above 0.40 Sqm in flooring of approved quality, colour and size in floors, treads on steps and landings in all floors at all height on 20mm thick bed of cement mortar of mix (1:4) laid in proper slope and gradient with screened and washed sharp sand for mortar and grouted with neat white cement slurry jointing the tile with neat white cement slurry mixed with required quantities of pigments of approved marks to match the shades of the granite tile if required watering and curing for 21 days, including cost, conveyance, loading, unloading, royalties of all materials, cost of all labour, T&P required for the work etc. complete in all respect as per specification and direction of Engineer-in-charge.				-
A	GROUND FLOOR	sqm	15.97	2815.90	44,969.92
B	FIRST FLOOR	sqm	12.93	2829.60	36,586.73
C	TERRACE FLOOR	sqm	3.9	2844.00	11,091.60
16	Providing Granite stone prepolished 10mm thick in dado of approved quality, colour and size in dado, riser of steps and dado of landings in all floors at all height on 12mm thick bed of cement mortar of mix (1:3) with screened and washed sharp sand for mortar and grouted with neat white cement slurry jointing the tile with neat white cement slurry mixed with required quantities of pigments of approved marks to match the shades of the granite tile if required watering and curing for 21 days, including cost, conveyance, loading, unloading, royalties of all materials, cost of all labour, T&P required for the work etc. complete in all respect as per specification and direction of Engineer-in-charge.				-
A	GROUND FLOOR	sqm	7.95	2070.70	16,462.07
B	FIRST FLOOR	sqm	5.52	2091.30	11,543.98
C	TERRACE FLOOR	sqm	0.85	2113.00	1,796.05
17	Providing Wall painting with cement primer(water bound)onecoat to the internal wall surface including cost of all materials, labour, Tools & Plant, Brushes etc. complete in all respects as per the direction of engineer incharge.				-
A	GROUND FLOOR	sqm	1201.4	83.80	1,00,677.32
B	FIRST FLOOR	sqm	1132.33	85.80	97,153.91
C	TERRACE FLOOR	sqm	218.27	87.90	19,185.93

18	Painting to external surface of building with two coats of weather seal coat of approved shade and quality of approved design after cleaning by watering & removing the dirt etc. to the surface to be painted including watering, curing, cost, conveyance of all materials, cost of all labour, brushes, T&P etc. and necessary scaffolding work complete as directed by the Engineer-in-charge.				-
A	GROUND FLOOR	sqm	216.37	99.80	21,593.73
B	FIRST FLOOR	sqm	209.71	103.40	21,684.01
C	TERRACE FLOOR	sqm	162.83	107.20	17,455.38
19	Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in stair case as per approved design and specification, buffing, polishing etc with cost, conveyance, cost of all labour, labourcess, T&P etc. required for the work complete in all respect as per direction of the Engineer-in-charge.				-
A	GROUND FLOOR	kg	62.82	343.80	21,597.52
B	FIRST FLOOR	kg	62.82	343.80	21,597.52
	Total =				93,33,484.42

BILL OF QUANTITIES (WATER SUPPLY & SANITATION)

Sl.no.	Description of Items	UNIT	QNTY	RATE	AMOUNT Rs.
20	Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor pvc pipes conforming to ASTM-D-1785/89 (Sch-80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor all complete as per specification and direction of the Engineer in charge.				-
	Ground Floor 25mm dia PVC ASTM pipe (sch-80)	Mtr	20	213.20	4,264.00
	32mm dia PVC ASTM pipe (sch-80)	Mtr	25	277.80	6,945.00
	40 mm dia PVC ASTM pipe (sch-80)	Mtr	30	363.80	10,914.00
	First Floor 25mm dia PVC ASTM pipe (sch-80)	Mtr	10	221.90	2,219.00
	32mm dia PVC ASTM pipe (sch-80)	Mtr	15	288.80	4,332.00
	40 mm dia PVC ASTM pipe (sch-80)	Mtr	20	377.70	7,554.00
	Second Floor 40 mm dia PVC ASTM pipe (sch-80)	Mtr	35	391.70	13,709.50

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HARABHANGA BLOCK

	50 mm dia PVC ASTM pipe (sch-80)	Mtr	30	485.10	14,553.00
21	Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor CPVC pipes conforming to IS:15778 having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings including fixing the pipe with clamps at 1.00. spacing. This includes Jointing of pipes & fittings with one step CPVC solvent cement and testing of Joints all complete as per specification and direction of the Engineer in charge.				-
	Ground Floor 20mm dia CPVC pipe	Mtr	22	273.40	6,014.80
	25mm dia CPVC pipe	Mtr	30	361.70	10,851.00
	First Floor 20mm dia CPVC pipe	Mtr	10	284.70	2,847.00
	25mm dia CPVC pipe	Mtr	15	373.00	5,595.00
22	Supplying all materials, labour, T&P and cutting holes through existing brick work including making good the damages in cement mortar (1:4) for taking GI pipes and fittings/ PVC pipes and fittings etc all complete as per PH specification and direction of the Engineer in charge.250mm thick wall				-
	Ground Floor	Each	20	65.70	1,314.00
	First Floor	Each	10	66.90	669.00
23	Supplying all materials, labour, T&P and cutting hole in R.C.C floors, roofs, etc upto 19 cm thick for passing GI pipes / PVC pipes and fittings etc and repairing the holes after insertion of pipes etc with cement concrete (1:2:4) including finishing complete so as to make it leak proof as per direction of the Engineer in charge.				-
	Ground Floor	Each	13	221.80	2,883.40
	First Floor	Each	6	222.90	1,337.40
24	Supplying all materials, labour, T&P and cutting grooves in pucca floors and walls for taking GI/ PVC pipes and making good the damages as per the direction of the Engineer in charge.				-
	Ground Floor	Mtr	35	229.30	8,025.50
	First Floor	Mtr	28	236.50	6,622.00
25	Supplying all materials, labour, T&P and fitting and fixing brass/CP fittings of the following nominal bore with supply of all jointing materials complete as per specification and direction of the Engineer in charge. 15 mm dia 2 WAY BIB COCK WITH WALL FLANGE (FLR-CHR-504IN Jaquar Make)	Each	9	2140.90	19,268.10

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HARABHANGA BLOCK

	15mm dia CP Health Faucet (ALD-CHR- 577)	Each	9	1698.00	15,282.00
	15mm dia CP ANGULAR STOP COCK WITH WALL FLANGE (FLR-MCH-5053N Jaquar Make)	Each	9	1255.00	11,295.00
	Pillar with Extension body FLR -CHR -5021M	Each	9	2263.90	20,375.10
	32mm dia CP Bottle trap (jaquarmake)-ALD -CHR -769L-300X190cm	Each	12	1747.20	20,966.40
	15mm dia C.P. Pillar cock (FLR-MCH-5011N Jaquar make)	Each	9	1698.00	15,282.00
26	Supplying all materials, labour, T&P and fitting and fixing CP shower with 15mm or 20mm inlet with CP shower arm including polishing all complete as per specification and direction of the Engineer in charge.				-
	Towel Ring Round - (As Per Jaquar,Catno.:ACN-CHR-1121BN)	Each	12	935.10	11,221.20
	25mm dia brass or gun metal fullway valve (Shakti Make)	Each	3	944.60	2,833.80
	32mm dia brass or gun metal fullway valve (Shakti Make)	Each	3	1383.40	4,150.20
	50mm dia brass or gun metal fullway valve (Shakti Make)	Each	3	2580.90	7,742.70
	15mm dia CP flange	Each	20	40.30	806.00
	15mm dia CP extension piece	Each	20	59.30	1,186.00
	C.P. Waste 1 1/4"	Each	12	104.30	1,251.60
27	Supplying all materials, labour, T&P and fitting and fixing 10 litres capacity low level flushing cistern with a pair of cast iron or M.S brackets complete with fittings such as siphonic arrangements 15mm nominal size brass/pvc ball valve with polythene float CP brass handle, unions and couplings for connection with inlet, outlet and overflow pipes,32mm dia CP flush bend,15mm diapvc inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistern and closet and connecting the inlet pipe with supply main etc all complete as per specification and direction of the Engineer in charge 10 litres capacity pvc low level cistern with 32mm dia CP long flush bend Slimline white (Hindware / Parryware Make)	Each	9	1651.60	14,864.40
28	Supplying all materials, labour, T&P and fitting and fixing U-PVC SWR soil waste ventilating pipes and fittings of the following outside diameter conforming to ISI No. 13592/1992 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification, testing, earthwork in excavation in all kinds of soil and refilling of trenches as per specification and direction of the Engineer in charge	Mtr	25	499.00	12,475.00

CONTRACTOR

BLOCK DEVELOPMENT OFFICER.
HARABHANGA BLOCK

	In ground floor 110mm dia U-PVC SWR pipe (Ashirbad /Sentinity/Supreeme)				
	110mm U-PVC door tee	Each	10	386.00	3,860.00
	110mm U-PVC Plain tee	Each	8	322.70	2,581.60
	110mm U-PVC door bend	Each	8	293.60	2,348.80
	110mm U-PVC plain bend	Each	10	232.00	2,320.00
	110mm dia U-PVC 'P' trap	Each	9	497.30	4,475.70
	110mm dia U-PVC Plain Shoe Bend	Each	8	232.00	1,856.00
	110mm dia U-PVC offset with out ear	Each	10	407.40	4,074.00
	110mm dia U-PVC cowl	Each	10	58.20	582.00
	125mm dia CP grating	Each	20	95.20	1,904.00
29	Supplying all materials, labour, T&P and cutting holes through existing brick or laterite masonry wall for taking HCI pipes and fittings including making good the damages etc all complete as per PH specification and direction of the Engineer in charge. 250mm to 375mm thick wall	Each	15	262.30	3,934.50
30	Supplying all materials, labour, T&P and cutting of R.C.C roof or cornice for taking H.C.I pipes and making good the damages etc all complete as per P.H.Specification and direction of the Engineer in charge.	Each	10	217.00	2,170.00
31	Supplying all materials, labour, T&P and fixing the following vitreous china Wash Down Water Closet (European type W.C pan) with integral 'P' or 'S' trap to the floor with wooden plug and chromium plated pedestal screws including jointing the trap with soil pipe in cement mortar (1:1), fixing plastic seat and cover for wash down water closet with chromium plated brass hinges and rubber buffers including polishing etc all complete as per specification and direction of the Engineer in charge. European water closet with 'S' trap plain (Parryware / Nycermake)	Each	6	3299.70	19,798.20

32	Supplying all materials, labour, T&P and fixing vitreous china water closet, squatting pan (Indian type W.C pan/Orissa pattern squatting pan) duly embedded in cement concrete (1:5:10) using 4cm size hard granite metal including fixing a pair of vitreous china 250mm x 130mm x 30mm footrest, fixing 100mm dia HCI 'P' or 'S' trap (with/without 50mm dia horn) for water closet squatting pan including jointing the trap with pan in cement mortar (1:1), cutting the floor and mending good the damages etc all complete as per specification and direction of the Engineer in charge 580mm size Orissa pan (Parryware / Nycer make)	Each	3	2450.60	7,351.80
33	Supplying all materials, labour, T&P and fixing wash basins with hole for pillar taps with cast iron or M S brackets painted white including cutting holes in walls and making good the damages with supply of wooden plugs, screws and cement etc, fixing pedestal for wash basin recessed at the back for the reception of pipes and fittings, fixing PVC waste pipe of 32mm nominal diameter for wash basin including brass check nut complete, fixing pillar taps capstan head screw down high pressure lettered 'Hot' and 'Cold' with long screws, shanks and back nuts of 15mm dia nominal bore, fixing 15mm dia PVC inlet connection pipe and making connection with pillar cocks and supply mains for wash basin, fixing 32mm dia CP brass waste, etc all complete as per specification and direction of the Engineer in charge. 550mmx440 mm size wash hand basin With porcelain pedestal (Parryware make)	Each	9	3956.30	35,606.70
34	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or plywood sheet and fixed to wooden plugs with CP screws and washers complete as per specification an direction of the Engineer in charge. Design mirror	Each	9	1662.70	14,964.30
35	Supplying all materials, labour, T&P and fixing CP soap holder complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the Engineer in charge CP soap holder	Each	9	184.70	1,662.30
36	Supplying all materials, labour, T&P and providing cement concrete (1:2:4) with 12mm size hard broken granite chips including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer in charge.				-
	Ground floor	Cum	2.82	7859.80	22,164.64
	First floor	Cum	1.4	8305.80	11,628.12

37	Supplying all materials, labour, T&P and providing 12mm thick cement plaster (1:4) on brickwork including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer in charge .				-
	Ground floor	Sqm	105.97	206.80	21,914.60
	First floor	Sqm	52.96	211.60	11,206.34
38	Supplying all materials, labour, T&P and fixing porcelain glazed tiles in dados skirting on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including rubbing and polishing complete as per direction of the Engineer in charge. Kajaria / Somany 600 x 300 cm size.				-
	Ground floor	Sqm	29.35	805.40	23,638.49
	First floor	Sqm	14.66	819.10	12,008.01
39	Supplying all materials, labour, T&P and providing ceramic tiles in floors, treads and landing on 25mm thick bed of cement mortar 1:1 (1 cement:1 sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete as per direction of the Engineer in charge. Kajaria / Somany / Johnson to be pre-approved 600 x 600mm of size .				-
	Ground floor	Sqm	105.92	823.40	87,214.53
	First floor	Sqm	52.96	844.10	44,703.54
40	Supplying all materials, labour, T&P and providing distempering 2 coats to walls with distemper of approved shade on new work to give an even shade etc all complete as per specification and direction of the Engineer in charge.				-
	Ground floor	Sqm	60.06	84.90	5,099.09
	First floor	Sqm	30.03	84.90	2,549.55
41	Finishing wall surface of walls with Acrylic wall putty (Water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete.				-
	Ground floor	Sqm	60.06	111.60	6,702.70
	First floor	Sqm	30.03	111.60	3,351.35

42	Factory made single leaf Solid WPC (Wood polymer) composite door shutter of 25mm thick compacted with wood grain finish structural foam panel of 29mm thickness and a density of 20kg/cu.mtr shall be used as core material for fitting the metal fittings such as tower bolts, aldrops, handles etc shall be provided. A structural adhesive compatible with (EPS) foam shall be used for bending the core material, The material and process for manufacturing the door shutters shall conform to RV-TIFAC composites Design Centre's standards and specifications and the door shutters Conforming to relevant I.S.specification. The finish of door shutter will be plain colour white/ Ivory/ Beige/ Light grey/ Mahogany/ Teak wood or any other colour using high quality pigments. Three heavy whight mild steel butt hinges type-I (ISI marked) size 100mm are to be fitted on one side of shutter.				-
	D1 = 9x 0.600 x 2.100	Sqm	11.34	3430.60	38,903.00
43	Factory made Solid WPC door frame of size 95mmx55mm fabricated .The door frame consist of four segments which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screw. The WPC frame shall be provided with The material and process for manufacturing the door frames shall conform to Relavent I.S.specification. The finish of door frame will be plain colour white/ Ivory/ Beige/ Light grey/ Golden brown/Mahogany/ Teak wood/sand stone/Champagne/Pastel blue or any other colour using high quality pigments complete in all respect as per specification and direction of the Engineer in charge				-
	D1 (Frame) = 9x (0.600 + 2.100 + 2.100)	Mtr	43.201	1114.30	48,138.87
	Sinking of 150mm dia tubewell through hand boring (water jet) method (1 nos)				-
44	.Supplying all materials, labour, T&P and setting up boring equipments including erection of suitable staging for installation of the required size of tube well, dismantling and removing the same after complection of the work, including transportation of the boring equipments, cleaning and levelling the site, excavation of mud pit, channels etc, levelling of site all complete as per direction of Engineer in charge	Each	1	13454.80	13,454.80
45	Supplying all labour, T&P and transporting the boring pipes, top casing , grouting pipes, P.V.C pipes and fittings, P.V.C well screens, cement, bentonite and gravels etc to the worksite including loading and unloading etc all complete as per direction of Engineer in charge	Each	1	1320.57	1,320.57

46	Supplying all labour, T&P and drilling pilot bore not less than 102mm dia, without casing pipes in all kinds of soils and rocks for the following depths excluding supply of necessary boring pipes including supply of necessary cutting equipments, extra sockets (whenever required) etc and withdrawing the boring pipes, washing and keeping the bore clear for logging if required all complete as per direction of Engineer in charge. Drilling pilot bore from 0 to 360 metres 2 x 100	Mtr	80	1087.90	87,032.00
47	Supplying all labour, T&P and reaming the pilot bore to the following sizes and depths without casing pipes including withdrawing the boring pipes, washing the bore by means of pipe cylinder etc all complete as per direction of Engineer in charge Reaming 100mm to 150mm dia from 0 to 360 metres	mtr	80	187.90	15,032.00
48	Reaming 150mm to 200mm dia from 0 to 360 metres	mtr	80	222.70	17,816.00
49	Supplying all labour, T&P and jointing materials and lowering the 300mm dia top casing pipes into the position and removing the same after use all complete as per direction of Engineer in charge from 0 to 360 metres	Each	1	1751.00	1,751.00
50	Supplying all labour T&P and grouting with cement slurry for saline sealing in the bore around the 150 mm dia PVC casing pipe etc all complete as per the direction of the Engineer in charge.	Each	1	5894.60	5,894.60
51	Supplying all labour, T&P and jointing materials and lowering the pvc casing pipes, fittings and well screens in position, including fitting and fixing of centraliser, cutter plug and washing the bore all complete as per direction of Engineer in charge 150mm dia PVC casing pipe from 0 to 360 metres	Mtr	80	135.00	10,800.00
52	Cost of 150mm dia PVC ASTM pipe (sch-80)	Mtr	81	1251.40	1,01,363.40
53	Cost of 150mm dia PVC pipe Cutting slot	Mtr	20	350.00	7,000.00
54	Cost of 150 mm dia C.I. stainer cutting.	Nos	1	348.75	348.75
55	Cost of bentonite powder	Qtl	10	337.90	3,379.00
56	Supplying all materials, labour, T&P and packing the bore with washed gravel of river shingles of required size and specification around the well screen and pipe etc all complete as per the direction of the Engineer in charge	cum	1	1879.30	1,879.30
57	Cost and Conveyance of Gravel	Cum	2	714.60	1,429.20
58	Supplying all materials, labour, T&P and packing the bore with river sand over the gravel pack etc all complete as per the direction of the Engineer in charge	cum	2	154.50	309.00
59	Cost and Conveyance of sand	cum	2	550.30	1,100.60

60	Supplying all labour T&P and grouting with cement slurry for sanitary sealing in the bore around the upper most 3 metres of 125/100mm dia PVC casing pipe etc all complete as per the direction of the Engineer in charge.	Each	1	1424.00	1,424.00
61	Cost of Cement	Qtls	1	534.90	534.90
62	Cleaning and developing the tube well with supply of compressor worked till clear and adequate discharge is obtained from the tube well including supply and use of all necessary equipment and labour as per direction of the Engineer in charge By Compressor	Mtr	1	2378.10	2,378.10
63	Supplying all materials, labour, T&P and constructing Bore well protection chamber of the inside size 650x650x1000high with cement concrete (1:3:6) using 40mm size hard granite metal on foundation, 1st class Fly ash brickwork in cement mortar (1:3), with base cement concrete (1:2:4) using 12mm size h.g chips, 12mm thick cement plaster (1:4) inside and outside, R.C.C cover slab in (1:1.5:3) using 12mm size h.g chips, earthwork in excavation in all kinds of soil and refilling the cavity around the chamber including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of the Engineer in charge.	Each	1	12058.50	12,058.50
64	Supplying all materials, labour, T&P and providing, fitting and fixing submersible pump with squirrel cage induction type submersible type submersible electric motor to run on 3 phase/1 phase line voltage ranging from 320 volt to 450 volt conforming to IS: 8034/89 with following specifications with suitable control panel, jointing with GI/PVC/HDPE pipes, electrification, testing, commissioning, trial running, conveyance of all materials to worksite, payment of taxes etc all complete as per specification and direction of the Engineer in charge 1.5 H.P three phase 3 stage head range 30 to 54 metres, discharge 155 to 110 L.M.P with outlet dia of 32mm	Each	1	15200.00	15,200.00
65	3.0 HP Horizontal submersible pump motor	Each	1	22043.50	22,043.50
66	DOL Control panel	Each	2	3805.50	7,611.00
67	40mm dia steel short piece	Each	2	202.00	404.00
68	Well cap	Each	1	152.30	152.30
69	50mm size CI bracket	Each	2	91.30	182.60
70	2.50sqmm flat cable	Mtr	100	128.10	12,810.00
71	20mm dia rigid UPVC pipes	Mtr	100	6.90	690.00

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72	Steel rope with cover	Mtr	60	26.70	1,602.00
73	40mm dia HDPE pipe	Mtr	60	147.20	8,832.00
74	Labour charges for lowering including transportation	Each	2	2000.00	4,000.00
75	EXTERNAL P.H. WORK Supplying all materials, labour, T&P and laying in trenches (to level or slope) unplasticized PVC pipes conforming to IS: 4985/2000 of the following outside dia for class-3(0.60mpa) including jointing with supply of approved solvent cement by non-heat application method/as per manufacturer's specification, providing and laying in trench cement concrete (1:4:8) with 40mm size hard granite metal in the Type C-1 standard bedding surrounding or encasing including concrete for bedding and curing etc all complete as per PH specification and direction of the Engineer in charge. 110mm dia U-PVC Around Concrete	Mtr	20	1374.00	27,480.00
76	160mm dia U-PVC Around Concrete	Mtr	20	2213.00	44,260.00
77	Supplying all materials, labour, T&P and constructing gully trap chamber of the following inside size with 8cm thick R.C.C precast cover slab in cement concrete (1:2:4) mix using 12mm size h.g chips, foundation concrete (1:4:8) using 40mm size hard granite metal on bed and around trap, KB brickwork in cement mortar (1:6) in F&P and inside 12mm thick cement plastering (1:3) finished with a floating coat of neat cement including fixing 100mmx100mm size HCI gully trap, 150mmx150mm size CI grating etc all complete as per approved drawing, specification and direction of the Engineer in charge. Inside size 250mmx250mm	Each	2	1871.30	3,742.60
78	Supplying all materials, labour, T&P and constructing inspection chamber of the following size with cement concrete(1:3:6) using 40mm size hard granite metal on bed, 1st class fly ash brickwork in cement mortar(1:6), moulding and shaping the channel inside and benching with cement concrete (1:2:4) using 12mm size h.g chips, 12mmthick cement plaster (1:3) with punning to inside, cement flush pointing (1:3) to outside, RCC cover slab in (1:1.5:3) using 12mm size h.g chips with RCPC man hole cover, earthwork in excavation in all kinds of soil and refilling the cavity around the chamber including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of the Engineer in charge. Inside size 760mmx760mmx460mm	Each	2	11290.60	22,581.20
79	---- do --- addl depth of 0.15m upto 0.90m	Each	2	1431.70	2,863.40
80	R.C.P.C.Manhole Cover	Each	2	1093.10	2,186.20

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81	Supplying all materials, labour, T&P and constructing man hole chamber of the following size with cement concrete(1:3:6) using 40mm size hard granite metal on bed, fly ash brickwork in cement mortar(1:6), moulding and shaping the channel inside and benching with cement concrete (1:2:4) using 12mm size h.g chips, 12mm thick cement plaster (1:3) with punning to inside, cement flush pointing (1:3) to outside, R.C.C cover slab in (1:1.5:3) using 12mm size h.g chips with RCPC man hole cover, earthwork in excavation in all kinds of soil and refilling the cavity around the chamber including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of the Engineer in charge. Inside size 910mmx910mmx910mm	Each	1	21804.10	21,804.10
82	R.C.P.C.Manhole Cover	Each	1	1093.10	1,093.10
83	Supplying all materials, labour, T&P and constructing soakway pit of the following size with dry brick walling from bottom upto invert of inlet pipe and fly ash brickwork in cement mortar (1:6) for the remaining height at top, cement concrete (1:4:8) using 40mm size hg chips on bed, 12mm thick cement plaster (1:4) inside and outside over masonry brickwork, gravel backing in the rear of well steining, RCC cover slab in cement concrete (1:2:4) using 12mm size hg chips fitted with iron lifting handles including earthwork in open well excavation in all kinds of soil and refilling of cavity around the pit & painting the iron works, watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per approved specification and direction of the Engineer in charge. 1.40m dia x 2.00m deep soakway pit	Each	1	26204.00	26,204.00
	Construction 1 no. of 20000 Liters RCC Over head Tank of Outside size- 6.00 X 3.00 X1.50m at 2nd Floor				-
84	Supplying all materials, labour, T&P and providing cement concrete (1:1½:3) with 12mm size hard broken granite chips for R.C.C works including hoisting, laying, watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer in charge.	Cum	16.7575	9510.30	1,59,368.85
85	Supplying all materials, labour, T&P and providing M.S.Reinforcement for RCC work including cutting, banding, binding, straightening and trying the grills and placing in position including cost of binding wire 18 to 20 gage. , @ 100 kg / cum =	Qtl	16.7575	9449.20	1,58,344.97

86	Supplying all materials, labour, T&P and providing rigid and smooth centering and shuttering for RCC work including false work and dismantling then after casting including cost of materials complete in ground floor.RCC floor roof,chajja etc.	sqm	46.25	940.00	43,475.00
	RCC Beam,Column,walletc	sqm	92.45	1585.80	1,46,607.21
87	Supplying all materials, labour,T&P and providing 6mm thick cement plasster (1:4) over CCwork including watering curring and conveyance of all materials to site.	sqm	52.2	228.20	11,912.04
86	Supplying all materials, labour, T&P and providing cement punning including watering, curring and conveyance of all materials to site.				-
	Quantity same as item No-4	sqm	52.2	43.80	2,286.36
87	Supplying and fitting and fixing stainless steel 34 grade in said rail using 5mm dia 2mm thick circular pipe and lalustrade 32mmx32mmx2mm at the rate of mtr.Center to center and square pipe 32x32x2mm below including welding with stanless steel elect rod and fixing with necessary accessories etc.complete as per direction of the Engineer-in-charge.	Kg	80	323.70	25,896.00
88	Providing fitting and fixing MS cover made out of MS angle and sheet duly welding and fixing with frame and hinges along with locking arrangement of size 60cmx60cm etc complete as per direction of Engineer-in-charge	Kg	60	79.00	4,740.00
					-
	Construction 1 nos 300 users RCC Septic tank				-
89	Earth work in excavation of foundation in all kinds of soil within 50m initial lead and 1.5m initial lift including rough dressing & breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-Charge.	Cum	107.14	328.49	35,194.42
	-do- with Ist extra lift of 1.5 mtr over the initial lead and lift	Cum	71.19	22.48	1,600.35
90	Supplying all materials,labour ,T&P and filling in foundation and plinth with sand well watered and rammed including cost, conveyance of all materials to work site ,payment of royalty,taxes etc. all complete as per direction of the Engineer-in -charge.	Cum	11.47	893.40	10,247.30
91	Supplying all materials, labour, T&P and providing cement concrete (1:4:8) with 4cm size crusher broken hard granite metal including watering, curing, cost of all materials,conveyance of all materials to work site with payment of royalty, all taxes etc all complete as per P.W.D specification and direction of Engineer-in-charge.	Cum	9.04	5847.00	52,856.88

92	Supplying all materials, labour, T&P and providing cement concrete (1:2:4) with 12mm size crusher broken hard black granite chips including watering, curing, cost of all materials, conveyance of all materials to work site with payment of royalty, all taxes etc all complete as per P.W.D specification and direction of Engineer-in-charge	Cum	4	7859.80	31,439.20
93	Supplying all materials, labour, T&P and providing cement concrete (1:1:5:3) with 12mm size hard broken granite chips for R.C.C works including hoisting, laying, watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer in charge	Cum	43.67	8551.30	3,73,435.27
94	Supplying all materials, labour, T&P and providing rigid and smooth centering and shuttering for R.C.C works including false work and dismantling them after casting including conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer in charge				-
a	RCC floor roof, chajjaetc	Sqm	60.39	769.20	46,451.99
b	RCC Beam, Column, wall etc	Sqm	132.7	1219.70	1,61,854.19
95	Supplying all materials, labour, T&P and providing M.S reinforcement for R.C.C work including cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge, conveyance of all materials to worksite, payment of royalty, taxes etc all complete as per specification and direction of the Engineer in charge				-
	In ground floor	Qntl	43.67	9379.30	4,09,594.03
96	Supplying all materials, labour, T&P and providing 6mm thick cement plaster(1:4) on RCC work including watering, curing, cost of all materials, conveyance of all materials to worksite, payment of royalty, all taxes etc all complete as per PWD specification and direction of the Engineer-in-charge.	Sqm	75.93	216.80	16,461.62
97	Supplying all materials, labour, T&P and providing 12mm CP (1:4) with cement punning on brick work including watering, curing, cost of all materials, conveyance of all materials to worksite, payment of royalty, all taxes etc all complete as per PWD specification and direction of the Engineer-in-charge.	Sqm	8.1	206.80	1,675.08
98	Supplying all materials, labour, T&P and providing, fitting and fixing 100mm x 100mm x 100mm SW Tee in wall including filling the recess with cement concrete (1:3:6) with 12mm size h.g chips all complete including watering, curing, conveyance of all materials to worksite, payment of royalty all complete as per	Each	2	456.20	912.40

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BLOCK DEVELOPMENT OFFICER.
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	specification and direction of the Engineer in charge				
99	Supplying all materials, labour, T&P and making MS step iron in 20mm diameter MS steel bars and fixing into walls of man hole/septic tank duly embedded in cement concrete (1:3:6) complete as per specification and direction of the Engineer in charge.	Each	12	294.40	3,532.80
100	Supplying all materials, labour, T&P and fitting and fixing RCPC cover of heavy duty etc. all complete as per specification and direction of the Engineer in charge.	Each	2	176.30	352.60
101	Filling in foundation and plinth with excavated materials, moorum including watering and ramming as directed by the Engineer in charge	Cum	0.84	170.01	142.81
				Total:	29,28,790.90
				Say	29,28,791.00

BILL OF QUANTITIES OF ELECTRICAL WORK

Sl.no.	Description of Items	UNIT	QNTY	RATE	AMOUNT Rs.
	INTERNAL WIRING.				
102	Recessed wiring to light point / first light of group control/ call bell point/ exhaust fan point /wall fan point with 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked in 20 mm dia non-metallic PVC conduit with 6 Amp, 250 V clip in type switch ISI marked and ceiling rose ISI marked mounted on G.I modular box with face plate & cover of suitable size , with 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire including all accesories and connection as per direction of Engineer in Charge. (Make of wire Finolex /Polycab/ Anchor / Havels/Eq) (Make of modular box,cover,switch& socket-Legrand Arteor/schneider Zencelo/Panasonic Vision/Eq) With 10Years Warenty				-
	Group C	Nos.	85	1269.00	1,07,865.00

103	Recessed wiring to secondary light point looped from primary light point with 1.5sqmm FRLSH PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metallic PVC conduit with 1.5sqmm FRLSH PVC insulated single core multistrand copper conductor for running earth including 3 plate ISI marked Ceiling rose with all accessories & connection as per direction of Engineer-in-charge. (Make of wire KEI /Polycab/ Anchor / Havels/Eq) Average Length: 3 mtr	Nos.	35	478.00	16,730.00
104	Recessed wiring to ceiling fan point with 1.5sqmm FRLSH PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metallic PVC conduit with 6Amp 250V Modular Switch,Stepped type Moudular Regulator, Base & Cover with 1.5sqmm FRLSH PVC insulated single core multistrand copper conductor for running earth including all accessories & connection as per direction of Engineer in charge. (Make of wire KEI /Polycab/ Anchor / Havels/Eq) Group c	Nos.	48	1665.00	79,920.00
105	Recessed wiring to Twin control light point with 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked in 20 mm dia non-metalic PVC conduit with 6Amp, 250 V clip in type 2way switch ISI marked and ceiling rose ISI marked mounted on G.I modular box with face plate & cover of suitable size , with 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire including all accesories and connection as per direction of Engineer-in-charge. (Make of wire KEI /Polycab/ Anchor / Havels/Eq) Group C	Nos.	2	1710.00	3,420.00
106	Recessed wiring for 5 / 6 amp socket outlet with 6Amp, 250 V clip in type modular switch ISI marked mounted on G.I moular box with face plate & cover of suitable size including all accesories and connection on same switch board as per direction of Engineer-in-charge.	Nos.	29	578.00	16,762.00
107	Recessed wiring for 5 / 6 amp socket outlet with 2 x 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked in 20 mm dia non-metalic PVC conduit with 6Amp, 250 V clip in type switch ISI marked mounted on G.I moular box with face plate & cover of suitable size , with 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire including all accesories and connection on separate board as per direction of Engineer-in-charge.(Make of wire KEI /Polycab/ Anchor / Havels/Eq) Group C	Nos.	1	1419.00	1,419.00
108	Recessed wiring for 2 x 6 amp socket outlet controlled by 2 nos 6Amp, 250 V clip in type switch ISI marked mounted on single G.I moular box with face plate & cover of suitable size including all accesories and connection on separate board as per direction of Engineer-in-charge.	Nos.	18	1061.00	19,098.00

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HARABHANGA BLOCK

109	Recessed wiring for 6 pin 16 amp socket outlet with 16Amp, 250 V clip in type switch ISI marked mounted on G.I moular box with face plate & cover of suitable size including all accessories and connection as per direction of Engineer-in-charge.	Nos.	12	918.00	11,016.00
110	Recessed wiring for A.C/ Power socket outlet with industrial type socket outlet, plug top and metal chained cover in sheet steel enclosure ,20A/32A SP MCB including all accessories and connection as per direction of Engineer-in-charge.	Nos.	7	1096.00	7,672.00
111	Recessed wiring to exhaust fan/Wall Fan point with 1.5sqmm FRLSH PVC insulated single core multistrand copper conductor of ISI marked with 20mm dia non-metallic PVC conduit with 6Amp 250V Modular Switch, Base & Cover with 1.5sqmm FRLSH PVC insulated single core multistrand copper conductor for running earth including all accessories & connection as per direction of Engineer in charge. (Make of wire KEI /Polycab/ Anchor / Havels/Eq) Group C	Nos.	12	1269.00	15,228.00
112	Call bell point	Nos.	1	1432.00	1,432.00
	SUB TOTAL				2,80,562.00
	SUBMAIN.				-
113	Recessed wiring to submain in 4 x 10 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 32 mm dia non-metalic heavy duty PVC conduit 1.6 mm thick along with 2 x 4 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire as equired. (Make of wire KEI /Polycab/ Anchor / Havels/Eq)	Mtrs	25	491.00	12,275.00
114	Recessed wiring to submain in 4 x 6 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 32 mm dia non-metalic heavy duty PVC conduit 1.6 mm thick along with 2 x 2.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire as equired. (Make of wire KEI /Polycab/ Anchor / Havels/Eq)	Mtrs	25	335.00	8,375.00
115	Recessed wiring to submain in 2 x 4 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metalic heavy duty PVC conduit 1.6 mm thick along with 1 x 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire as equired. (Make of wire KEI /Polycab/ Anchor / Havels/Eq)	Mtrs	280	204.00	57,120.00

116	Recessed wiring to submain in 2 x 2.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metalic heavy duty PVC conduit 1.6 mm thick along with 1 x 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire as equired. (Make of wire KEI /Polycab/ Anchor / Havels/Eq)	Mtrs	900	186.00	1,67,400.00
117	Recessed wiring to submain in 2 x 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metalic heavy duty PVC conduit 1.6 mm thick along with 1 x 1.5 sq.mm FRLSH PVC insulated single core multistrand copper conductor as earth wire as equired. (Make of wire KEI /Polycab/ Anchor / Havels/Eq) (For Switch Board Looping)	Mtrs	70	172.00	12,040.00
	SUB TOTAL				2,57,210.00
					-
118	DB.				-
	Supply and fixing of following way three pole and neutral, sheet steel, MCB distribution, 415 V on surface / recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, hinged front acrylic cover for the MCB knobs detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required with necessary MCB , RCCB / ISOLATORS as required.Note for MCB- There should be colour indication for tripping On ,Off & Trip/There should be mid trip position for toggles for electrical fault conditions.(With 5Years Warenty)				-
a)	Supply, fixing, erecting, connecting and commissioning of indoor type dust and vermin proof, sheet steel clad ready made, double door horizontal type powder coated wall mounted 6 way TPN Distribution Boards For PDB suitable for 440 V, three phase, 4 wire 50 Hz AC Supply complete with bottom detachable plate for interconnections etc as below.Incommer 1 No-63A FP MCB (10KA) Outgoings-10/20A SP MCB 10KA-18Nos.(Make-L&T/ Hager/Schneider/Legrand/Eq)	Nos.	2	17062.00	34,124.00
b)	Supply, fixing, erecting, connecting and commissioning of indoor type dust and vermin proof, sheet steel clad ready made, double door horizontal type powder coated wall mounted 6 way TPN Distribution Boards For LDB suitable for 440 V, three phase, 4 wire 50 Hz AC Supply complete with bottom detachable plate for interconnections etc as below.Incommer 1 No-40A FP MCB (10KA) Outgoings-10A SP MCB 10KA-18Nos.(Make-L&T/ Hager/Schneider/Legrand/Eq)	Nos.	2	17062.00	34,124.00

CONTRACTOR

BLOCK DEVELOPMENT OFFICER.
HARABHANGA BLOCK

	SUB TOTAL				68,248.00
					-
	CABLE .				-
119	Supply &Laying of one number of PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of 3.5core 35 sq.mm direct in ground including excavation , sand cushioning protective covering and refilling the trench etc. as required.(Make-polycab/KEI/Rhino cable/Eq)	Rmt	70	452.00	31,640.00
120	Supply &Laying of one number of PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of 4 core 16 sq.mm Aluminium on surface as required.(Make-polycab/KEI/Rhino cable/Eq)	Rmt	5	326.00	1,630.00
	SUB TOTAL				33,270.00
					-
	END TERMINATION				-
	Supplying and making end termination with brass compression gland and aluminum lugs for following size of PVC insulated and PVC sheathed / XLPE aluminum cable of 1.1 KV as required.				-
121	3.5C x 35 sq.mm	set	2	700.00	1,400.00
122	4C x 16 sq.mm	set	2	550.00	1,100.00
	SUB TOTAL				2,500.00
	PANEL				-
	Supply, installation,testing& commissioning of floor mounting front operated front access extensible type cubicle panel totally enclosed, dust and vermin proof with IP-42 /55 protection with hinged and lockabaledoors.CRCA sheets including interconnections,tinned copper crimping lugs, bonding to earth and painting suitable for use at 415 V, 3phase 4 wire 50 Hz system, and to withstand a fault level of 35 KA symmetrical for 1 sec at 415 V complete as per specifications, as required and as below : All switchboards shall have provision for entry of cables from the bottom as required. All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The bus bars shall be insulated with heat shrinkable sleeves.SMC/DMC shrouds and busbar supports shall be used with Indication lamp, C.T , Digital Voltmeter, Digital Ammeter and control fuse etc. complete. MAKE- Legrand / Schneider/Hager/ L&T/SIEMENS/Eq.				-

123	MAIN PANEL with 100A 4P MCCB 25KA -1 No as incomer, 63A 4P MCB 10KA 3Nos, 63A 4P Change over Switch 1Nos,40A 4P MCB 10KA 2Nos, 40A DP MCB 10KA.-3Nos, with E.C Busbars with 4nos 65KA VSD along with 4nos 32A SP MCB.	set	1	89603.00	89,603.00
	SUB TOTAL				89,603.00
					-
	EARTHING				-
124	Earthing with copper earth plate 600 mm x 600mm x 3.15 mm thick ISI marked including accessories and providing masonry with cover plate having locking arrangement and watering pipe etc with charcoal and salt as required.	Set	2	13757.00	27,514.00
125	Supplying and laying 25 mm x 6 mm CU earth strip ISI marked at 0.5 meter below ground level as strip earth electrode including soldering etc. as required.	Rmt	10	729.00	7,290.00
126	Supplying and laying 25 mm x 6 mm CU earth strip ISI marked on surface or in recess for connection etc as required.	Rmt	10	783.00	7,830.00
127	Providing and fixing 8 SWG CU wire on surface or in recess for loop earthing as required.	Rmt	10	89.00	890.00
	SUB TOTAL				43,524.00
					-
	FIXTURE				-
	Supply, Installation, Testing and Commissioning of pre-wired fluorescent fitting / compact fluorescent fitting /LED fitting of all sizes complete with all accessories and lamp etc. directly on ceiling /wall or recessed in false ceiling , including connection with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor and earthing as required. Make-JAQUAR/Bajaj/Eq.With 5Years Warenty.				-
128	Ceiling mounted indoor type batten type LED Luminaire with LED Lamp Similar to JAQUAR Cat No. LGLZ01X024XW or equivalent.	Nos	86	470.00	40,420.00
129	Ceiling/ Wall mounted type BULKHEAD Luminairewith Similar to JAQUAR Cat No.LBLK02X010XW or equivalent.	Nos	2	1074.00	2,148.00
130	Supply, Installation, testing and commissioning of 10W Mirror Light Similar to JAQUAR Cat no-LGLZ01X010XW/Equivalent.	Nos	6	309.00	1,854.00
131	Supply, Installation, Testing and Commissioning of ceiling fan 1200mm sweep, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq.mm FR PVC insulated single core multiatrand copper conductor etc. as required.Model -USHA ENERGIA 32 BLDC 5 STAR.	Nos	48	3834.00	1,84,032.00

CONTRACTOR

BLOCK DEVLOPMENT OFFICER.
HARABHANGA BLOCK

132	Supply, Installation, testing and commissioning of exhaust fan of 300 mm sweep 900 rpm in the existing opening, including making the hole to suit the size of the above fan, making good the damage complete, connection, etc asrequired.Model-Usha AEROCLEAN.	Nos	12	1937.00	23,244.00
133	Supply & fixing of 18W LED Down Light (S/R) similat to Jaquar Cat no-LNRO02S018SW/Equivalent With all accessories.	Nos	15	1060.00	15,900.00
134	Supply & fixing of LED 36w 2'x2' Surface/Recessed Mounted Light similar to jaquar cat no-LULU2SL036XC / Equivalent. etc asrequired .	Nos	8	1923.00	15,384.00
	SUB TOTAL				2,82,982.00
					-
	Perforated type cable tray				-
	Supply and installation of Pregalvanised Perforated type cable trays without cover. The rate shall include bends, Tees, all supporting brackets, anchor fasteners, screws, bolts, nuts etc., including painting of cable trays. Thickness of sheet steel shall be 2 mm. Support sizes similar to ladder type trays				-
135	Size of Cable Tray :300 mm x 50 mm	Rmtr	5	777.00	3,885.00
	SUB TOTAL				3,885.00

SI.No.	DESCRIPTION OF WORKS		AMOUNT IN Rs.
	SECTION - I		
	CIVIL WORKS		
	(i) Additional Class Room Building	Rs.	93,33,484.42
A	Total Section-I	Rs	93,33,484.42
	SECTION - II		
	INTERNAL SERVICES		
	(i) Internal & External Plumbing works	Rs.	29,28,791.00
	total PH work=	Rs	29,28,791.00
	(i) Internal Electrical work	Rs.	10,61,784.00
C	total EI work=	Rs	10,61,784.00
D	Total Section-II(B+C)	Rs	39,90,575.00
E	Total BOQ Amount- Section-I & II(A+D)	Rs	1,33,24,059.42
	Or Say	Rs	1,33,24,059.00

CONTRACTOR

BLOCK DEVELOPMENT OFFICER.
HARABHANGA BLOCK

Special condition: -All materials, labour, machineries, and equipments required to complete the work in all respect shall be arranged by the tenderer at his own cost. The employer will bear no responsibility in this aspect.

My / Our quoted rate is _____ % Excess over the Estimated cost put to Tender
_____ % Less than the Estimated cost put to Tender
_____ Equal to the corresponding estimate rate.

Signature of the Contractor.

Notes: 1. The Contractor should not write anything except quoting of percentage, excess/ less / equal to the estimated cost.

No. of corrections.....

No. of overwriting.....

No. of interpolations.....

No. of omission.....

Signature of Tenderer.
with date of submission of Tender.

Block Development Officer.
HARABHANGA Block.

CONTRACTOR

BLOCK DEVELOPMENT OFFICER.
HARABHANGA BLOCK

Official use only

1.Name of the work: - **CONSTRUCTION OF UP GRADED HIGH SCHOOL BUILDING AT KARANJAKATA.**

- 2.Approximate estimated cost put to tender :- Rs. 1,33,24,059 /-
- 3.Value of E.M.D as per tender call notice :- Rs. 1,33,241 /-
- 4.(a) E.M.D deposited by the tenderer in shape of :-
- (b)Amount pledged/ un pledged :-
5. GSTIN :-
6. Stipulated period of completion :-
- 7.Cost of tender paper :- Rs.10,000/-
- 8.Date & time of opening of the tender paper :- Dt. 17.07.2026, At 11.00 AM
- 9.Tender paper in -----/ sheets
- 10.No of items tendered :- 135 (One Hundred Thirty-five)
- 11.Total overwriting and correction :-

Sold to _____

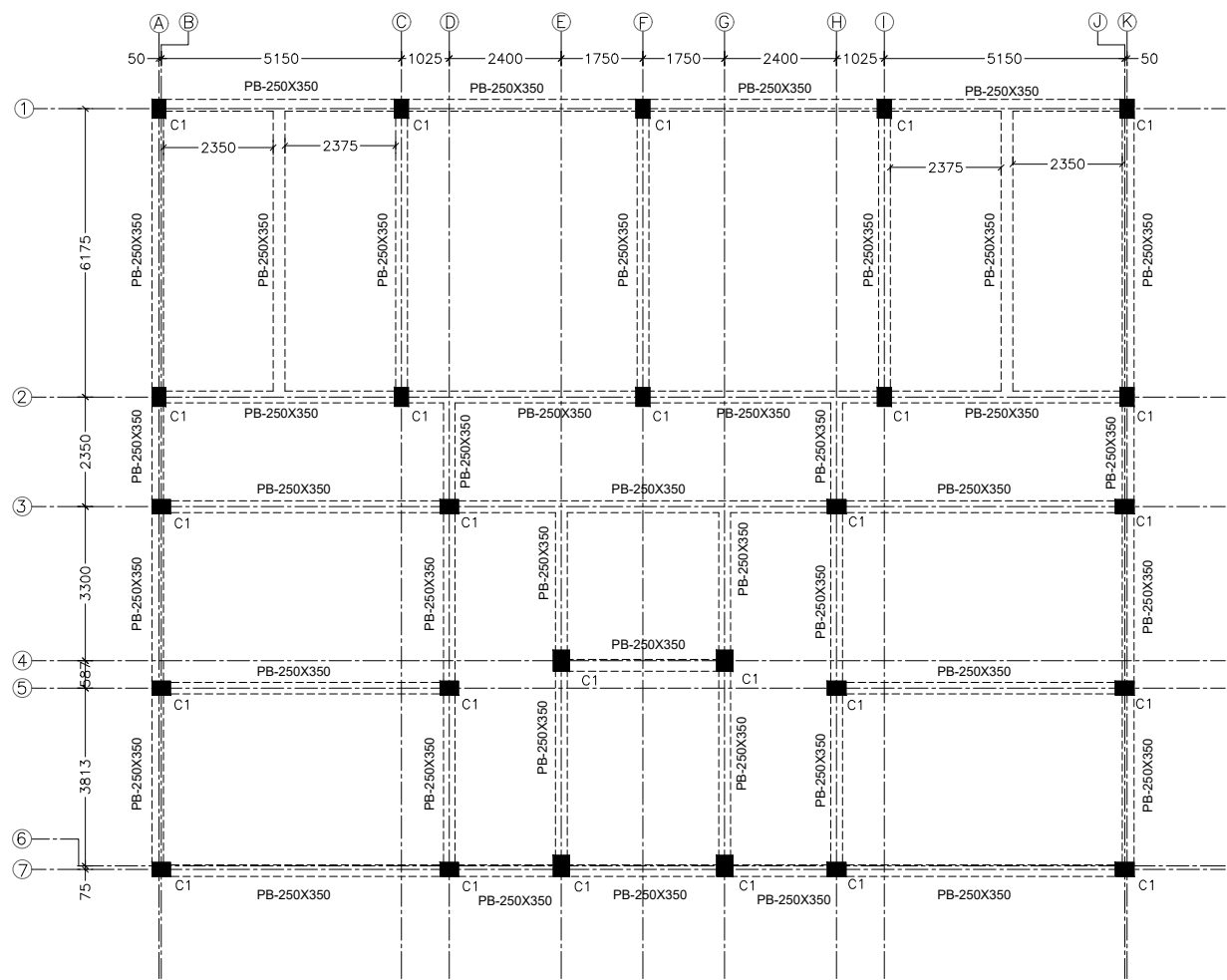
_____class contractor

Vide M.R No _____ dated _____

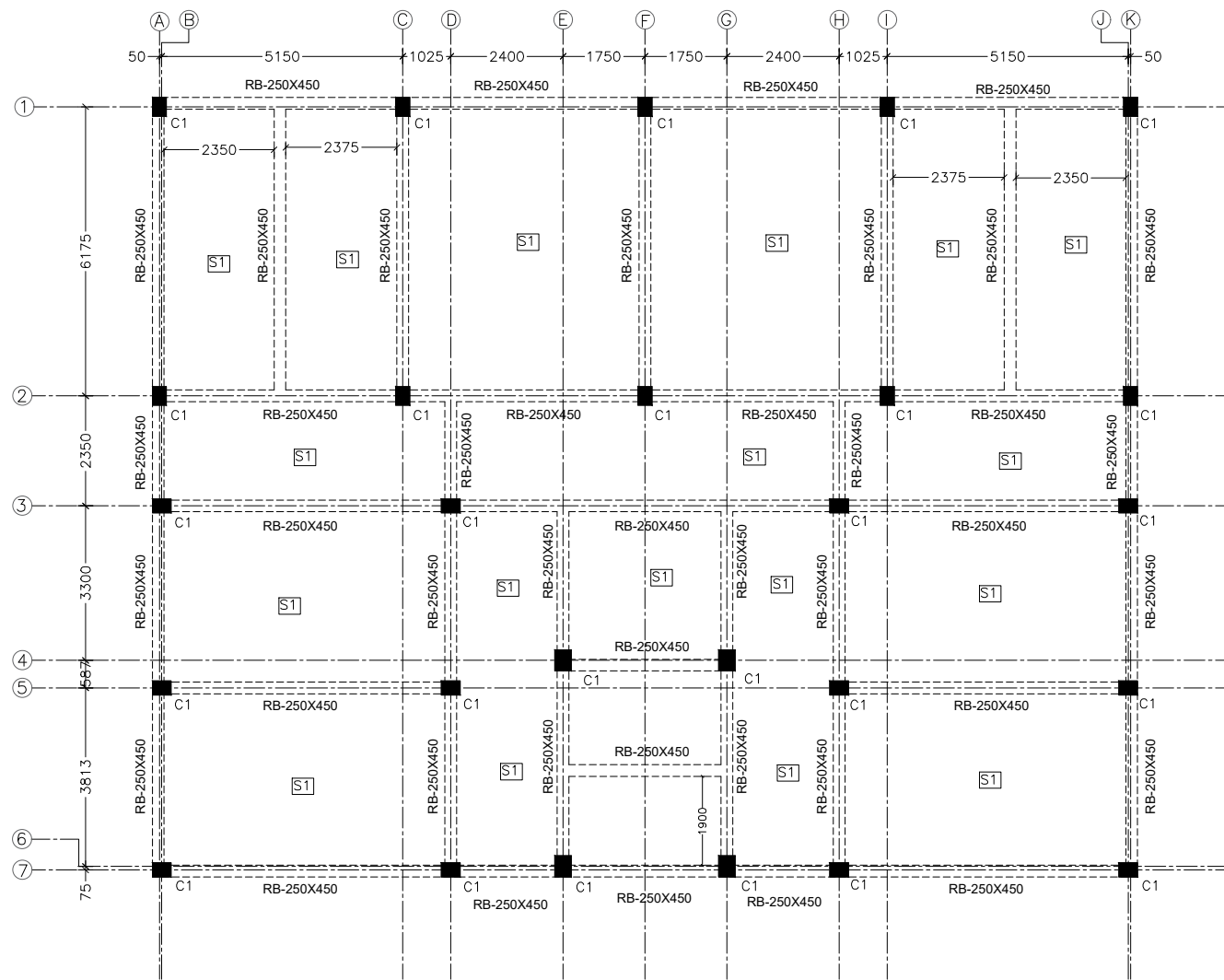
**Block Development Officer
(Office Seal)**

CONTRACTOR

BLOCK DEVELOPMENT OFFICER.
HARABHANGA BLOCK



PLINTH BEAM LAYOUT



TYPICAL GROUND FLOOR & 1ST FLOOR ROOF BEAM LAYOUT


NOTES: -
ALL SLAB SHALL BE 150MM THICKNESS.

PROJECT.
CONSTRUCTION OF GRADED HIGH SCHOOL, KARAJAKATA, BOUDH, ODISHA.

NOTE.
1. ALL DIMENSIONS ARE IN (ft' inch").
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION	BY.
25-04-2026	R0	APPROVAL	--

DRG. TITLE.
STRCUTRE LAYOUT PLAN

DIRECTION.

SHEET NO.
2 TO 2

DATE.
25-04-2026
DRG. NO.

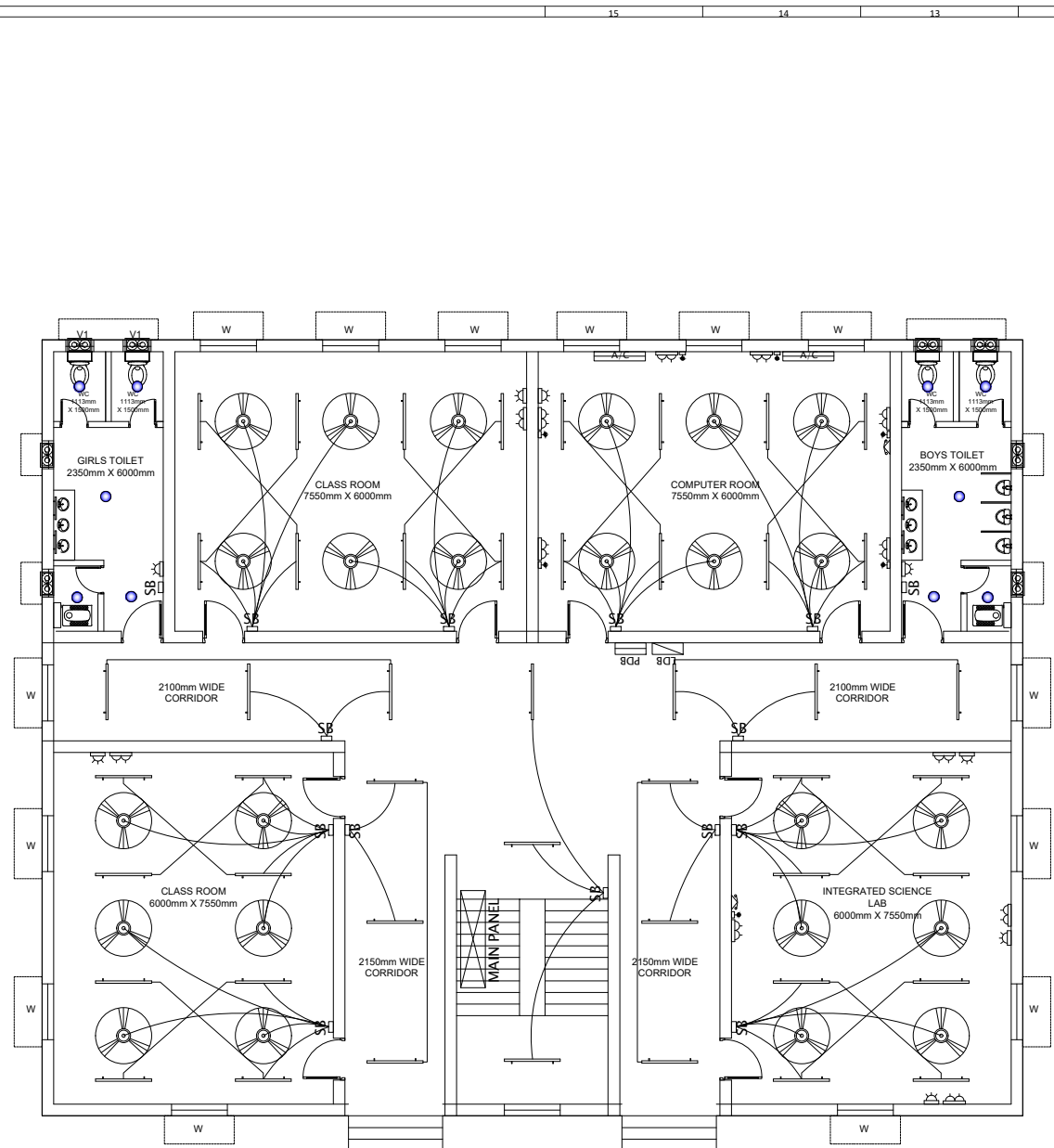
SCALE.
NTS
REV. NO.
R0
DRAWN BY.
JB

CLIENT.
B.D.O. HARBHANGA, DIST-BOUDH.
TYPE OF PROJECT.
SCHOOL BLDG
CHECKED BY.
RSH
ARCHITECT.
PS

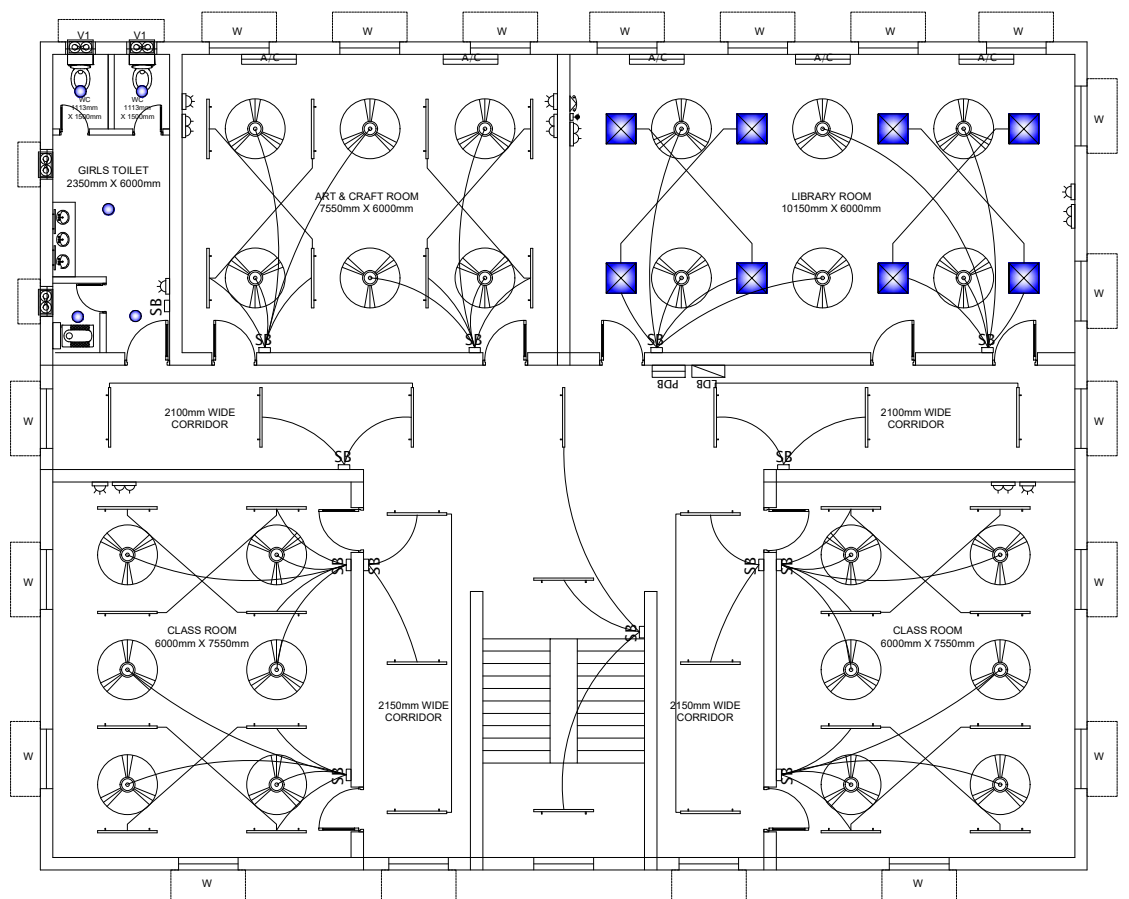
CONSULTING ENGINEERS:
ARCHIMADE INTERIORS
archimadeinteriors@gmail.com
PLOT NO-780/2167, 3RD FLOOR, SANTOSHI VIHAR, MEHERPALLI, LAXMISAGAR, BBSR - 751006, ODISHA.

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GROUND FLOOR PLAN



FIRST FLOOR PLAN

LEGEND OF ELECTRICAL FITTINGS	
	CEILING FAN
	EXHAUST FAN
	2'x2' LED RECESSED LIGHT
	LED BATTEN LIGHT
	LED MIRROR LIGHT
	12W LED RECESSED LIGHT
	SB WITH 6A SOCKET
	16A SOCKET WITH SWITCH
	6A SOCKET ON SEPARATE
	2X6A SOCKET WITH SWITCH
	TV OUTLET
	WALL FAN
	DATA OUTLET
	TELEPHONE
	SPLIT AC
	LIGHT BDB
	POWER BDB

PROJECT.
CONSTRUCTION OF GRADED HIGH SCHOOL, KARAJAKATA, BOUDH, ODISHA.

NOTE.
1. ALL DIMENSIONS ARE IN (ft' inch').
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION.	BY.
25-04-2026	R0	APPROVAL	--

DRG. TITLE.
ELECTRICAL LAYOUT PLAN

DIRECTION.

DATE.
25-04-2026

SCALE.
NTS

CLIENT.
B.D.O. HARBHANGA, DIST-BOUDH.

CONSULTING ENGINEERS:
ARCHIMADE INTERIORS
archimadeinteriors@gmail.com
PLOT NO-780/2167, 3RD FLOOR, SANTOSHI VIHAR, MEHERPALLI, LAXMISAGAR, BBSR - 751006, ODISHA.

DRG. NO.

REV. NO.
R0

TYPE OF PROJECT.
SCHOOL BLDG

SHEET NO.
1 TO 1

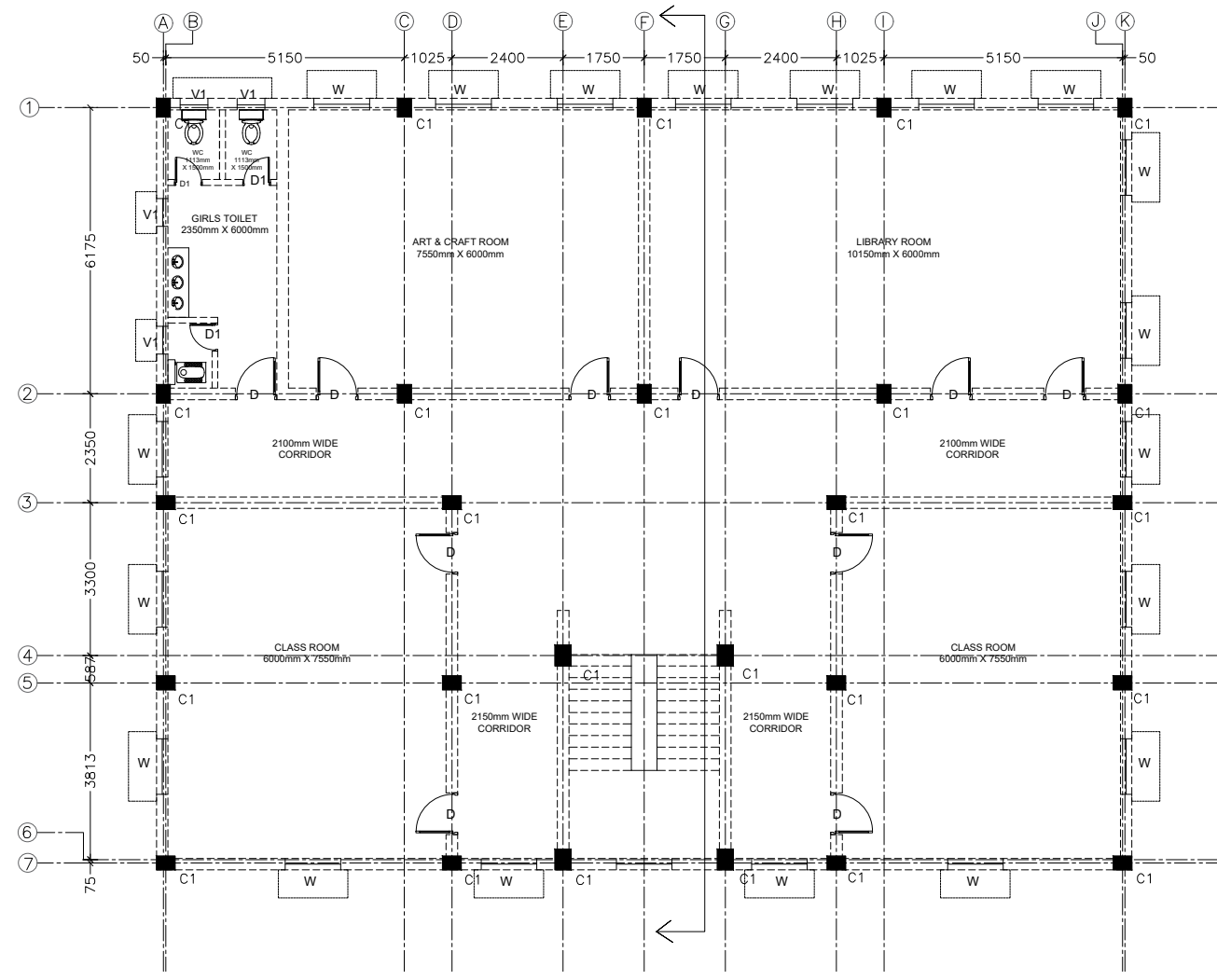
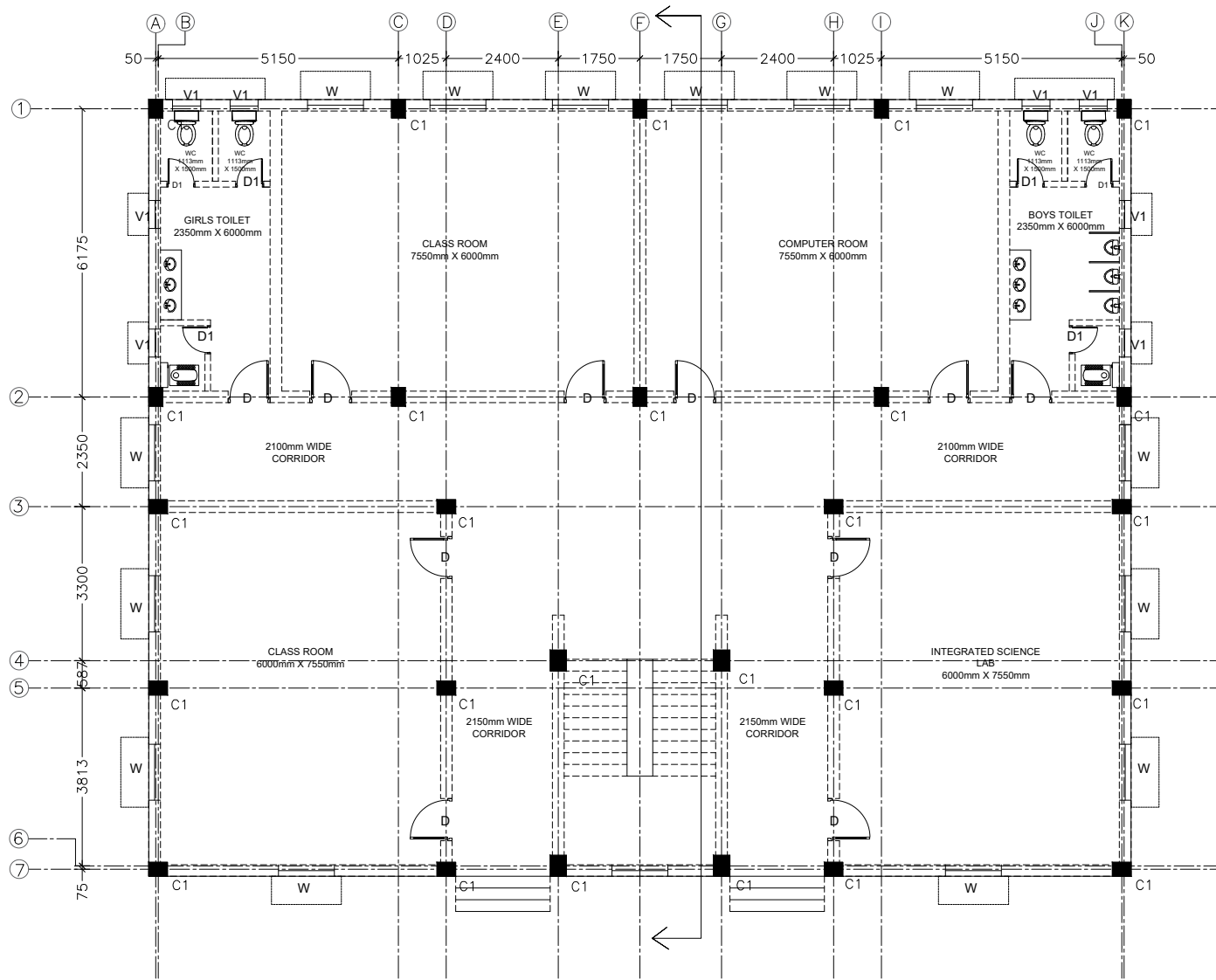
DRAWN BY.
JB

CHECKED BY.
RSH

ARCHITECT.
PS

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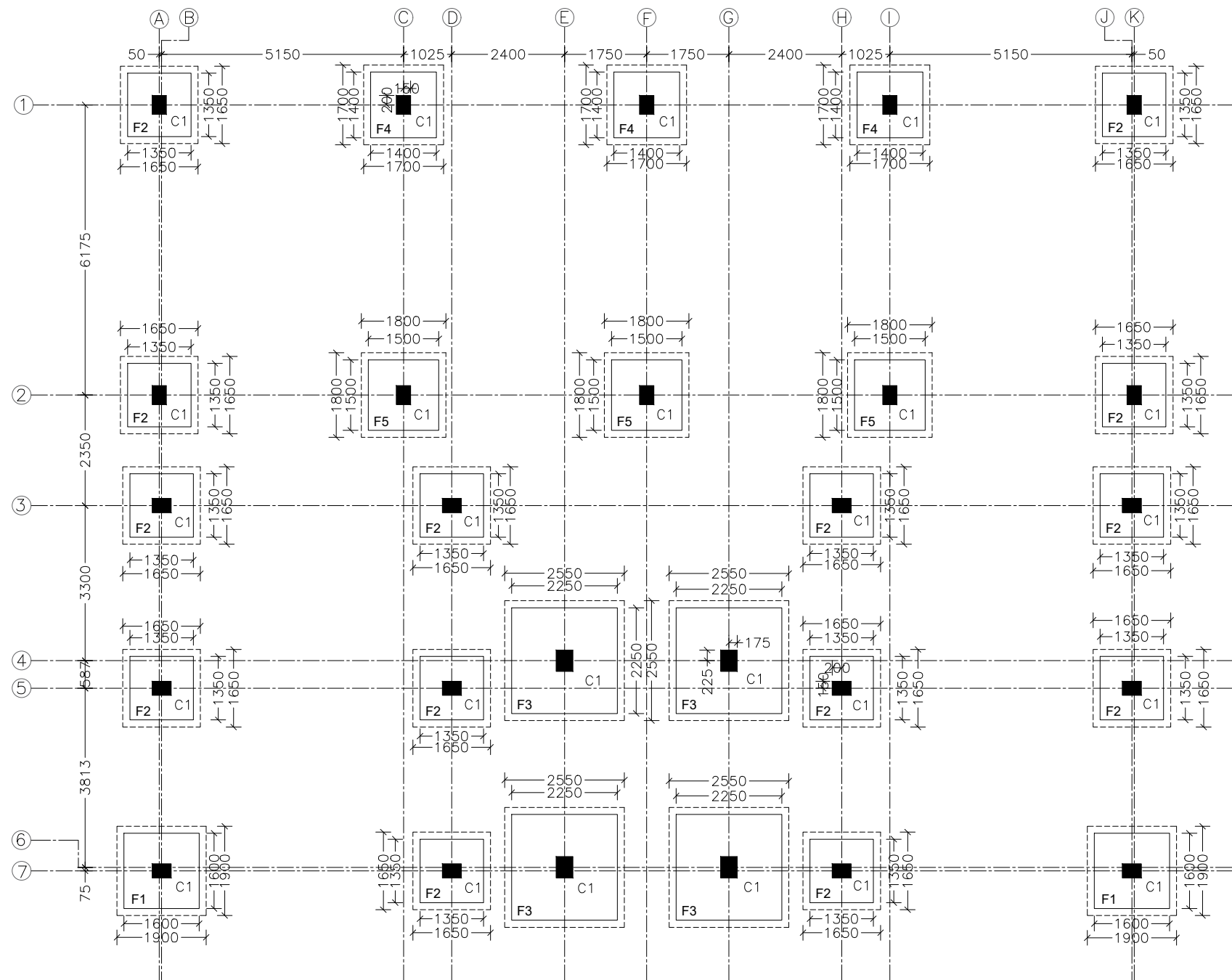
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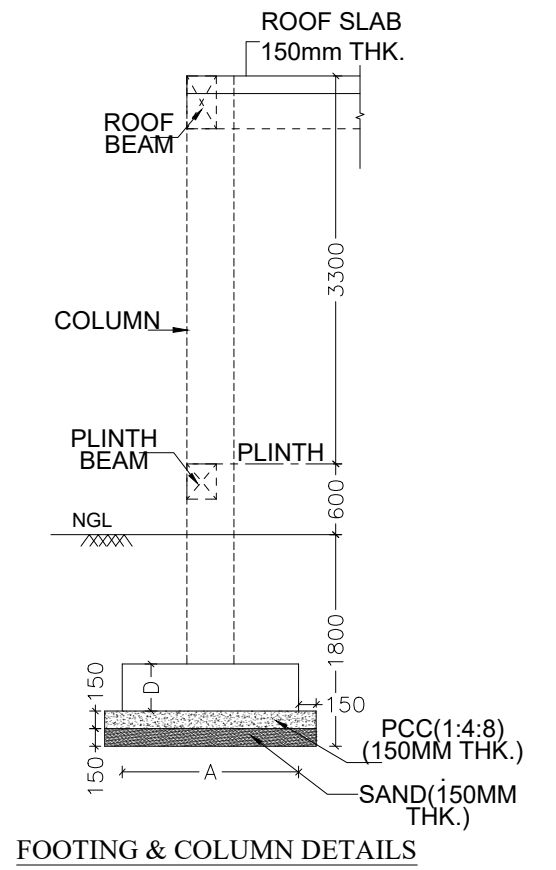
PROJECT. CONSTRUCTION OF GRADED HIGH SCHOOL, KARAJAKATA, BOUDH, ODISHA.	NOTE. 1. ALL DIMENSIONS ARE IN (ft inch"). 2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.	25-04-2026 R0 APPROVAL --		DRG. TITLE. ARCHITECTURAL LAYOUT PLAN	DIRECTION. 	DATE. 25-04-2026	SCALE. NTS	CLIENT. B.D.O, HARBHANGA, DIST-BOUDH.	CONSULTING ENGINEERS: ARCHIMADE INTERIORS archimadeinteriors@gmail.com PLOT NO-780/2167, 3RD FLOOR, SANTOSHI VIHAR, MEHERPALLI, LAXMISAGAR, BBSR - 751006 , ODISHA.
		DATE 25-04-2026	REV.NO. R0						

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FOUNDATION & COLUMN LAYOUT PLAN



FOOTING & COLUMN DETAILS

SCHEDULE OF FOOTING:

MKD.	THICKNESS IN MM. (D)	'A' (MM)	'B' (MM)
F1	1600	1600	350
F2	1350	1350	350
F3	2250	2250	400
F4	1400	1400	350
F5	1500	1500	350

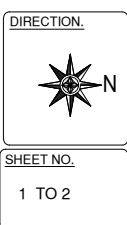
NOTES:-
ALL SLAB SHALL BE 150MM THICKNESS.

PROJECT:
CONSTRUCTION OF GRADED HIGH SCHOOL, KARAJAKATA, BOUDH, ODISHA.

NOTE:
1. ALL DIMENSIONS ARE IN (ft inch).
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION.	BY.
25-04-2026	R0	APPROVAL	--

DRG. TITLE:
STRCUTRE LAYOUT PLAN



DATE:
25-04-2026

SCALE:
NTS

CLIENT:
B.D.O.,
HARBHANGA,
DIST-BOUDH.

CONSULTING ENGINEERS:
ARCHIMADE INTERIORS
archimadeinteriors@gmail.com
PLOT NO-780/2167, 3RD FLOOR,
SANTOSHI VIHAR, MEHERPALLI,
LAXMISAGAR, BBSR - 751006 ,
ODISHA.

DRG. NO.
REV. NO.
R0

TYPE OF PROJECT:
SCHOOL BLDG

SHEET NO.
1 TO 2

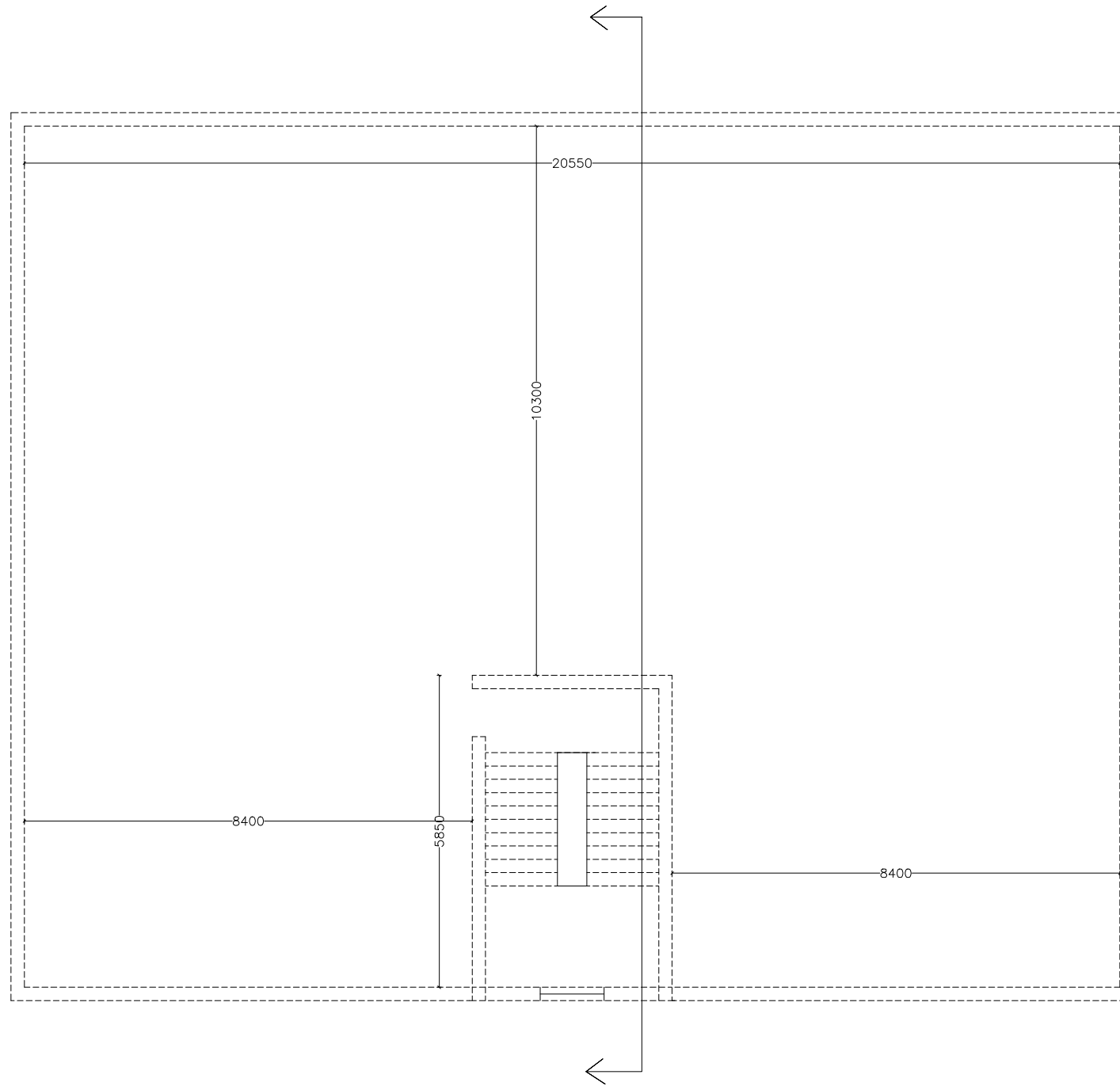
DRAWN BY:
JB

CHECKED BY:
RSH

ARCHITECT:
PS

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PROJECT.
 CONSTRUCTION OF GRADED HIGH SCHOOL, KARAJAKATA, BOUDH, ODISHA.

NOTE.
 1. ALL DIMENSIONS ARE IN (ft inch").
 2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION.	BY.
25-04-2026	R0	APPROVAL	--

DRG. TITLE.
 ARCHITECTURAL LAYOUT PLAN

DIRECTION.

SHEET NO.
 3 TO 3

DATE.
 25-04-2026
DRG. NO.

SCALE.
 NTS
REV. NO.
 R0
DRAWN BY.
 JB

CHECKED BY.
 RSH
ARCHITECT.
 PS

CONSULTING ENGINEERS:
ARCHIMADE INTERIORS
 archimadeinteriors@gmail.com
 PLOT NO-780/2167, 3RD FLOOR,
 SANTOSHI VIHAR, MEHERPALLI,
 LAXMISAGAR, BBSR - 751006 ,
 ODISHA.

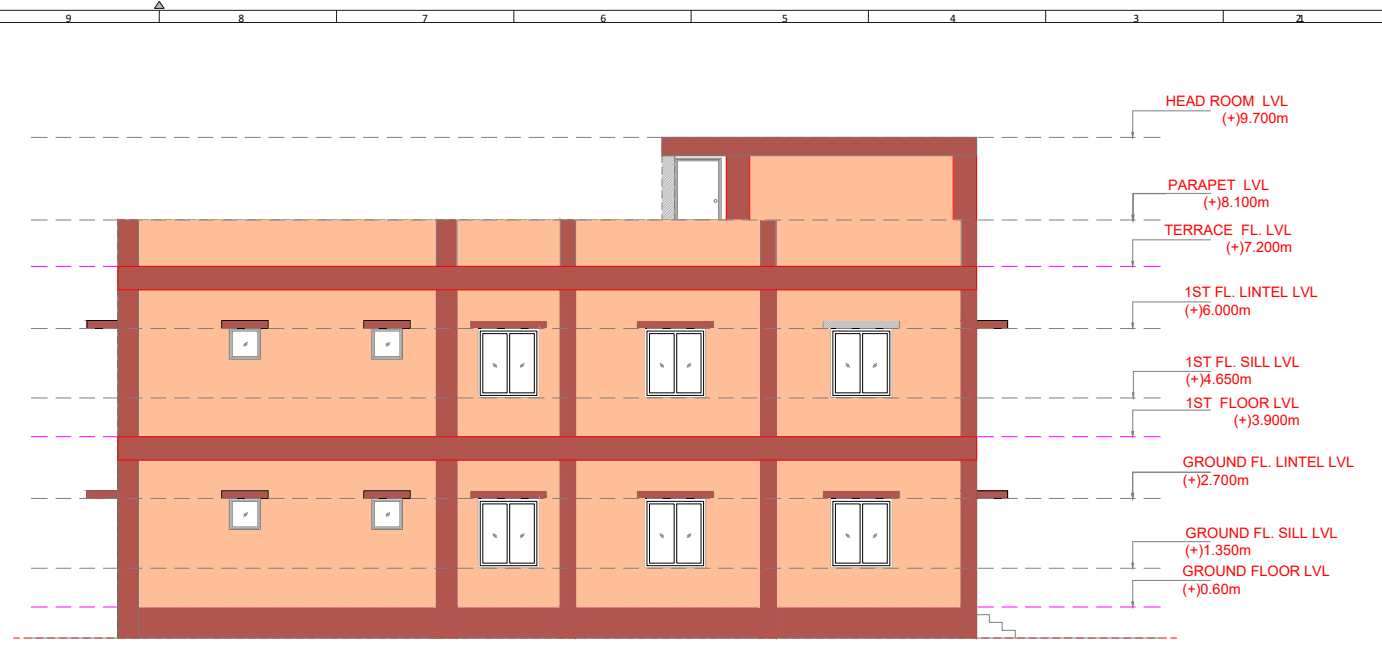
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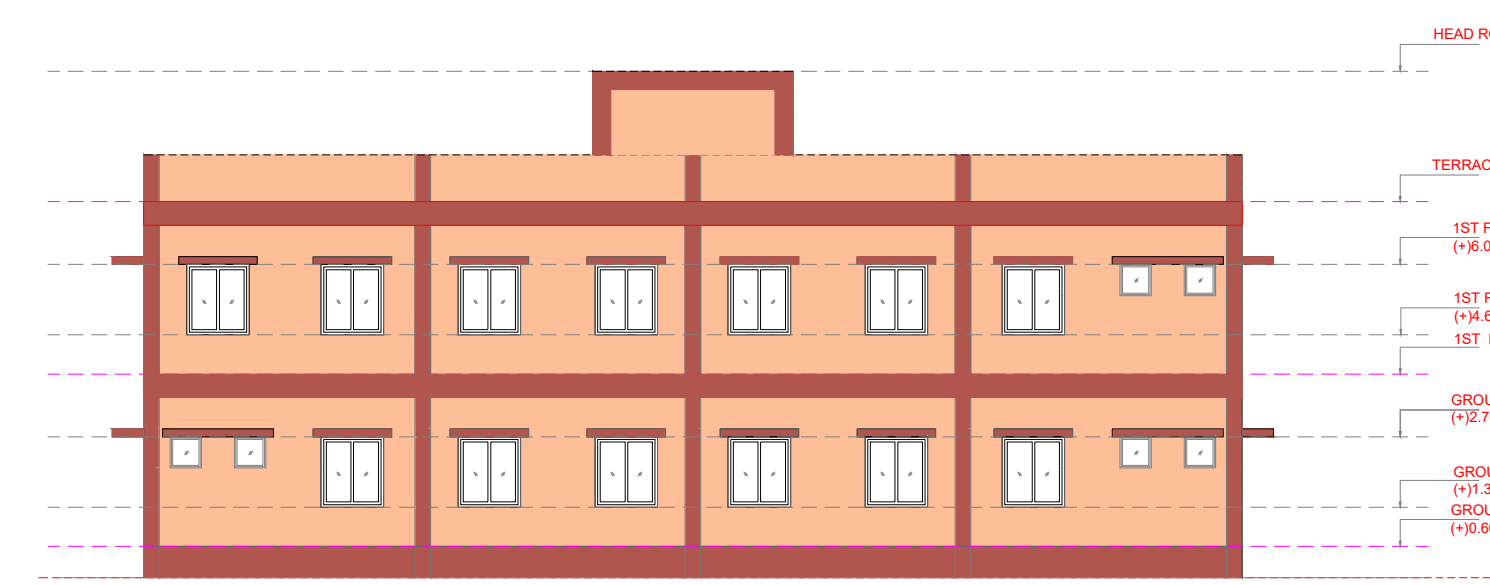
FRONT ELEVATION

HEAD ROOM LVL (+)9.700m
 PARAPET LVL (+)8.100m
 TERRACE FL. LVL (+)7.200m
 1ST FL. LINTEL LVL (+)6.000m
 1ST FL. SILL LVL (+)4.650m
 1ST FLOOR LVL (+)3.900m
 GROUND FL. LINTEL LVL (+)2.700m
 GROUND FL. SILL LVL (+)1.350m
 GROUND FLOOR LVL (+)0.60m



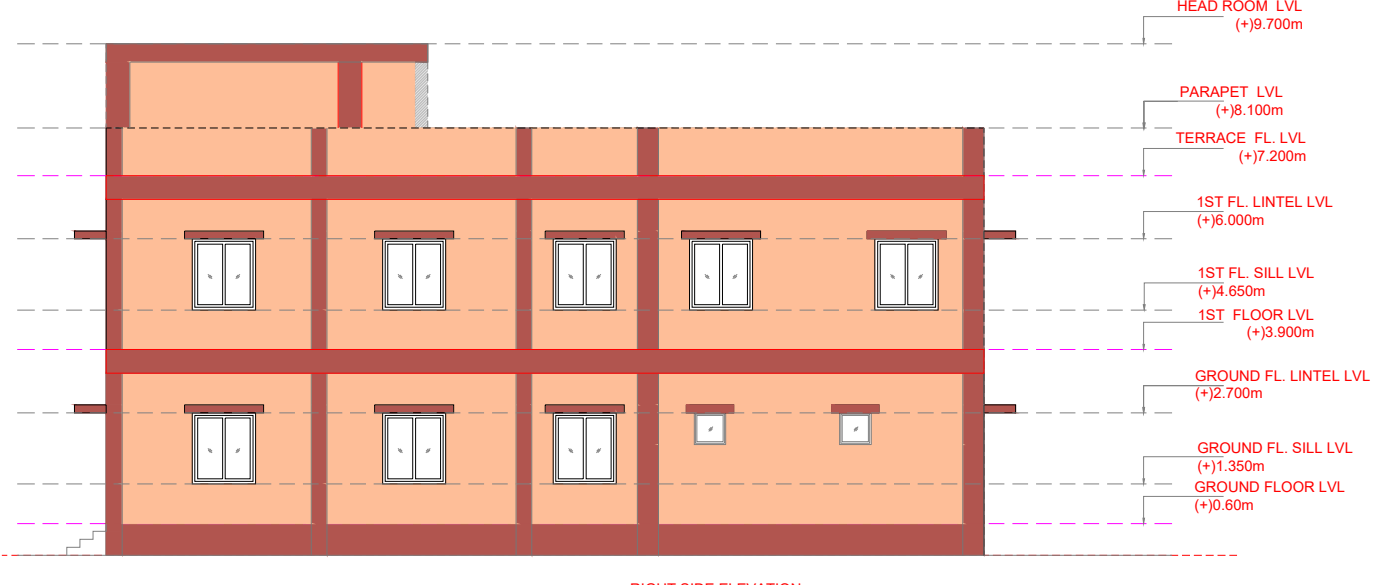
LEFT SIDE ELEVATION

HEAD ROOM LVL (+)9.700m
 PARAPET LVL (+)8.100m
 TERRACE FL. LVL (+)7.200m
 1ST FL. LINTEL LVL (+)6.000m
 1ST FL. SILL LVL (+)4.650m
 1ST FLOOR LVL (+)3.900m
 GROUND FL. LINTEL LVL (+)2.700m
 GROUND FL. SILL LVL (+)1.350m
 GROUND FLOOR LVL (+)0.60m



REAR ELEVATION

HEAD ROOM LVL (+)9.700m
 TERRACE FL. LVL (+)7.200m
 1ST FL. LINTEL LVL (+)6.000m
 1ST FL. SILL LVL (+)4.650m
 1ST FLOOR LVL (+)3.900m
 GROUND FL. LINTEL LVL (+)2.700m
 GROUND FL. SILL LVL (+)1.350m
 GROUND FLOOR LVL (+)0.60m



RIGHT SIDE ELEVATION

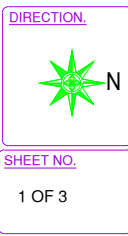
HEAD ROOM LVL (+)9.700m
 PARAPET LVL (+)8.100m
 TERRACE FL. LVL (+)7.200m
 1ST FL. LINTEL LVL (+)6.000m
 1ST FL. SILL LVL (+)4.650m
 1ST FLOOR LVL (+)3.900m
 GROUND FL. LINTEL LVL (+)2.700m
 GROUND FL. SILL LVL (+)1.350m
 GROUND FLOOR LVL (+)0.60m

PROJECT.
 CONSTRUCTION OF GRADED HIGH SCHOOL, KARAJAKATA, BOUDH, ODISHA.

NOTE.
 1. ALL DIMENSIONS ARE IN (ft' inch).
 2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION.	BY.
25-04-2026	R0	APPROVAL	--

DRG. TITLE.
 ARCHITECTURAL LAYOUT PLAN



DATE.
 25-04-2026

SCALE.
 NTS

CLIENT.
 B.D.O, HARBHANGA, DIST-BOUDH.

CONSULTING ENGINEERS:
ARCHIMADE INTERIORS
 archimadeinteriors@gmail.com
 PLOT NO-780/2167, 3RD FLOOR,
 SANTOSHI VIHAR, MEHERPALLI,
 LAXMISAGAR, BBSR - 751006 ,
 ODISHA.

DRG. NO.
 R0

REV. NO.
 R0

TYPE OF PROJECT.
 SCHOOL BLDG

DRAWN BY.
 JB

CHECKED BY.
 RSH

ARCHITECT.
 PS

SHEET NO.
 1 OF 3

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**DETAILED ESTIMATE FOR PROPOSED CONSTRUCTION OF ADDITIONAL CLASS ROOM AT KARANJAKATA
UPS UNDER HARABHANGA BLOCK OF BOUDH DISTRICT, ODISHA**

BILL OF QUANTITIES

Sl.no.	Description of Items	UNIT	QNTY	RATE	AMOUNT Rs.
1	Earth work in all kind of soil with initial lead and lift including rough dressing in layers not exceeding 0.3m in depth and the Earth transported by transport vehicles as directed by the Engineer-in-charge.	Cum	159.05	311.50	49544.08
2	Filling at all depth with available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 15cm in depth: consolidating each deposited layer by ramming and watering complete (lead upto 100m) as directed by the Engineer-In-charge.	Cum	53.02	157.20	8334.74
3	Supplying and filling sand in foundation and over areas including watering, ramming, consolidating and dressing, labours, tools, taxes etc. all complete as per the specification and direction of Engineer-In-Charge.	Cum	5.47	738.70	4040.69
4	Providing and laying plain cement concrete 1:4:8 (1 cement : 4 sand : 8 stone agregate 40mm nominal size) as levelling course in floor and plinth including tempering, curring, shuttering etc. complete all depth and height.	Cum	37.71	5708.90	215282.62
5	First class Fly ash Brick masonry using bricks of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per. Sqr. Cm. in cement mortar of mix(1:6) with ordinary Portland slag cement(PSC) and screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in Foundation & Plinth including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-Charge.	Cum	9.45	5527.80	52237.71
6	Fly Ash. brick masonry of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:6) with approved grade cement and screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in Superstructure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge				

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	Ground floor	Cum	55.69	5566.10	309976.11
	First floor	Cum	54.00	5952.10	321413.40
	Second/Terrace floor	Cum	8.40	6395.90	53725.56
7	Fly Ash brick masonry in cement mortar (1:4) in super structure using Fly Ash bricks of 25 x 12 x 8 cm size having a crushing strength of not less than 75 kg./sqcm with dimensional tolerance \pm 2% including splays cutting circular moulding chamfering and corbelling and similar such type of works with all necessary projections watering and curing after immersing the bricks in water at least for six hours before use including cost, conveyance, royalties and taxes of all materials with all labour,labourcess and T & P required for the work complete in all respect as per direction of Engineer-in-Charge.				
	Ground floor	Cum	4.91	5811.90	28536.43
	First floor	Cum	8.53	6197.80	52867.23
	Second/Terrace floor	Cum	8.78	6641.70	58314.13
8	Providing, lifting, hoisting and laying Reinforced cement concrete of M-20 grade as per approved designs and drawings having a minimum compressive strength (in work test) 200 Kg. / Square cm. in 15 cm. cubes at 28 days after mixing and test conducted in accordance with I.S. 516 using 12 mm. to 20 mm. size black hard crushed broken granite stone chips and screened and washed sharp sand for mortar of approved quality from approved quarry, washed and cleaned (20mm. size chips not to exceeds 25 %) to be mixed in concrete mixture with Portland slag cement (PSC) including hoisting, lowering, laying and compaction concrete by using vibrators, watering and curing for 28 days, centering and shuttering then after dismantling and removing debris from the work site and finishing the exposed surface smooth providing grooves or beads wherever necessary including cost, conveyance, loading, unloading, royalties and taxes of all materials and cost of all labours, sundries, T & P required of the work etc. complete in all respect as directed by the Engineer-in-Charge. But excluding cost and conveyance of M.S. rods or Tor steel and binding wires and labour charges for straightening, cutting, bending etc. of M.S. rods or tor steel tying the grills and placing in proper position.				
	Ground floor				
	a) Footing	Cum	28.18	6688.00	188467.84
	b) Column up to plinth	Cum	3.77	16064.30	60562.41
	c) Plinth Beam	Cum	12.12	7561.50	91645.38
	d) Column above plinth	Cum	10.62	16064.30	170602.87
	e) Lintel & sunshade	Cum	1.12	14392.10	16119.15
	f) Roof Beam	Cum	24.74	16064.30	397430.78
	g) Slab	Cum	27.16	13995.40	380115.06

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	First floor				
	d) Column above plinth	Cum	10.62	18139.30	192639.37
	e) Lintel & sunshade	Cum	1.14	16132.70	18391.28
	f) Roof Beam	Cum	22.19	18139.30	402511.07
	g) Slab	Cum	27.54	15656.50	431180.01
	Second/Terrace floor				
	d) Column above plinth	Cum	1.63	20623.00	33615.49
	e) Lintel & sunshade	Cum	0.04	18215.10	728.60
	f) Roof Beam	Cum	2.70	20623.00	55682.10
	g) Slab	Cum	2.10	17643.70	37051.77
9	Cutting, straightening coiled or bent up M.S. Rod or tor steel of SAIL/ TATA / RINL (VIZAG) make including bending, binding, welding and joining if necessary and tying the grills and placing in position as required for R.C.C. Work and for providing fan hooks as required, hoisting, lowering, laying including cost, conveyances, taxes of M.S. Rod or tor steel and binding wires of 18 to 20 gauge and labour required for the work for bending, binding and tying the grills in all floors (Linear measurement will be taken and quantity will be calculated basing on the standard weight of B.I.S. for M.S. Rods or tor steel only. Wastage if any, including weight of binding wire will not be considered for measurement) etc. complete as per specification & direction of Engineer-in-charge.				
	Ground floor	Qntl	108.14	9617.30	1040014.82
	First floor	Qntl	63.50	9651.40	612863.90
	Second/Terrace floor	Qntl	6.93	9687.20	67132.30
10	12mm cement plaster to out side of brick surfaces with cement mortar of mix 1:6 (1 cement : 6 fine sand) including necessary scaffolding, curing etc. all complete at all floors and all heights.				
	Ground floor	Sqm	365.09	195.80	71484.62
	First floor	Sqm	394.07	203.70	80272.06
	Second/Terrace floor	Sqm	116.48	212.10	24705.41
11	16mm cement plaster to inside of brick surfaces with cement mortar of mix 1:6 (1 cement : 6 fine sand) including necessary scaffolding, curing etc. all complete at all floors and all heights.				
	Ground floor	Sqm	351.47	282.30	99219.98
	First floor	Sqm	384.48	289.40	111268.51
	Second/Terrace floor	Sqm	123.74	296.70	36713.66
12	6 mm cement plaster on RCC surfaces at ceiling/slab soffit and other locations with cement mortar of mix 1:4 (1 cement : 4 coarse sand) including necessary scaffolding, curing etc. all complete at all floors and all heights.				
	Ground floor	Sqm	285.41	219.20	62561.87
	First floor	Sqm	285.41	224.80	64160.17
	Second/Terrace floor	Sqm	19.85	230.50	4575.43

13	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate (DSR 2023-11.3.1)				
	Ground floor	Sqm	287.67	520.51	149734.67
	First floor	Sqm	254.91	520.51	132682.82
14	Providing vitrified tile flooring using vitrified tiles having thickness of min 10mm conforming to IS 13755 of 600x600 (homogeneous) of premium quality in floors, treads on steps and landings on 20mm thick bed of cement mortar of mix (1:4) laid in proper slope and gradient with screened and washed sharp sand for mortar and fixing with neat white cement slurry, grouting the joints with neat white cement slurry mixed with required quantities of pigments of approved make to match the shades of the vitrified tile if required, watering and curing for 21 days, including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, Labourcess, sundries, T&P required for the work, complete in all respect as per specification and direction of Engineer-in-charge.				
	Ground floor	Sqm	296.05	1201.90	355822.50
	First floor	Sqm	229.44	1215.60	278907.26
15	Providing, fitting, fixing vitrified tiles of premium grade having thickness 8mm to 10mm conforming to IS 13756 of size 600mm x 600mm Plain (Ivory) of approved make as directed by Engineer-in-charge in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing etc. complete with cost, conveyance, royalties of all materials all labour, labourcess complete in all respects.				
	Ground floor	Sqm	29.01	1235.50	35841.86
	First floor	Sqm	22.31	1256.10	28023.59
14	Supplying, fitting & fixing of Ceramic wall tiles of premium grade of size(200x300 mm/200x200 mm) having thickness 6.5mm to 6.7mm conforming to IS 13753 in dados, skirting and risers of steps laid on 12 mm thick cement mortar (1:3) (1 cement : 3 coarse sand) jointed with slurry mixed with pigment to match the shades of the tiles etc. complete including cost of all materials, labour T&P etc. required for the work all complete as per direction of the Engineer-in-charge.				
	Ground floor	Sqm	49.05	1003.40	49216.77
	First floor	Sqm	49.05	1024.00	50227.20

15	Supplying and Fixing of M.S. Grills, M.S.Doors, M.S. Gate etc including cost,conveyance of all materials, priming, and labour for fitting fixing etc. complete as per the instruction of Engineer-in-Charge				
	Ground floor	Kg	1530.38	67.70	103606.73
	First floor	Kg	1476.15	67.70	99935.36
	Second/Terrace floor	Kg	47.25	67.70	3198.83
16	Priming one coat with wall cement primer (water bound) to make an even finished surface in all floors and heights to wall surface of approved make and shade including sand papering, applying putty wherever necessary & cost of scaffolding, staging charges with cost, conveyance, taxes of all materials, cost of all labour,labourcess T&P etc. complete as per the direction of the Engineer-in-charge.				
	Ground floor	Sqm	1001.97	81.80	81961.15
	First floor	Sqm	1063.96	83.80	89159.85
	Second/Terrace floor	Sqm	260.07	86.00	22366.02
17	Painting two coats with approved anti-fungal weather seal paints (ISI) of approved colour, shade on wall surface over a coat of wall primer(ISI) water bound including sand papering, polishing the surface, cost, conveyances of all materials and cost of all labour,labourcess with T&P etc, complete as per specification & direction of Engineer-in-charge.				
	Ground floor	Sqm	365.09	98.70	36034.38
	First floor	Sqm	394.07	102.40	40352.77
	Second/Terrace floor	Sqm	116.48	106.30	12381.82
18	Wall Painting two coats with approved Distemper				
	Ground floor	Sqm	636.88	89.30	56873.38
	First floor	Sqm	669.89	91.40	61227.95
	Second/Terrace floor	Sqm	143.59	93.60	13440.02
19	Painting two coat with approved synthetic enamel paint to new iron work over a coat of Red oxide primer including cost, conveyances, royalties, taxes of all materials and cost of all labour with T&P required for the work etc. complete as per specification & direction of Engineer in charge. (Make-Asian/ Berger/ Dulux/ ICI or equivalent make duly approved by Engineer-in-charge).				
	Ground floor	Sqm	63.06	187.80	11842.67
	First floor	Sqm	60.68	192.70	11693.04
	Second/Terrace floor	Sqm	3.78	197.70	747.31

20	Providing 2.5cm thick Grading Concrete over roof slab with cement concrete (1:2:2) using 6mm size black hard granite crusher broken chips and screened & washed sharp sand for mortar and finished smooth to the rough surface of slab including watering and curing with cost, conveyance, royalties of all materials with cost of all labour, labourcess and T&P required for the work etc. complete in all respect as directed by the Engineer in charge.				
	Terrace floor	Sqm	269.78	440.50	118838.09
21	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:				
	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	4.00	5735.08	22940.32
22	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	Each	6.00	5521.65	33129.90
23	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	Each	6.00	295.89	1775.34
24	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps,32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				
	White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	Each	6.00	1592.54	9555.24
25	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required :				

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	Range of three half stall urinals with 10 litre P.V.C. automatic flushing cistern	Each	2.00	18693.43	37386.86
26	Providing and fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe.	Each	4.00	3431.06	13724.24
27	Providing & fixing stone slab table rubbed, edges rounded and polished of size 75 X 50cm deep and 1.8 cm thick fixed in urinal patitions by cutting chase of appropriate width with chase cutter and embedding the stone in chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregste 6mm nominal size) as per Engineer-in-charge and finished smooth				
	Granite stone of approved shade	sqm	2.70	3433.77	9271.18
28	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required: Kitchen sink with drain board				
	510x1040 mm bowl depth 250 mm	Each	1.00	5886.10	5886.10
29	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including PVC waste fittings complete. Flexible pipe				
	32 mm dia	Each	6.00	101.31	607.86
	40 mm dia	Each	1.00	101.31	101.31
30	Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 31 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling 77 mm breadth with 25 mm minimum water seal, weighing not less than 260 gms.	Each	14.00	311.10	4355.40
31	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.				

32	Supply and fixing of UPVC S.W.R. pipe type -B confirming to IS- 13592 including jointing the pipes with rubber ring, lubricant and UPVC SWR cuplar confirming to IS - 14735. Also including excavation of trenches cutting of walls and holes and repairing the walls floors and refilling the trenches as before but excluding supply and cost of other fittings such as elbow, bead, tee and Y-tee including supply of all material labour and T&P. Required for proper completion of the work.				
	75 mm O.D.	Rm	34.50	340.00	11730.00
	110 mm O.D.	Rm	46.00	450.00	20700.00
33	Providing and fixing unplastised -PVC pipe clips of approved design to unplastised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (cement 1: 4 coarse sand) and making good the wall etc. complete.				
	75 mm	Each	7.00	313.43	2194.01
	110 mm	Each	9.00	314.66	2831.94
34	Supply and fixing of UPVC S.W.R. door bend confirming to IS- 14735				
	75 mm size	Each	6.00	180.00	1080.00
	110 mm size	Each	6.00	215.00	1290.00
35	Providing and fixing on wall face unplastised - PVC moulded fittings/ accessories for unplastised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
	Shoe (Plain)				
	75 mm Shoe	Each	3	78.90	236.70
	110 mm Shoe	Each	3	111.74	335.22
36	Supply and fixing of UPVC S.W.R. Plain Tee confirming to IS- 14735				
	75x75x75 mm size	Each	6.00	172.00	1032.00
	110x110x110 mm size	Each	6.00	265.00	1590.00
37	Supply and fixing of UPVC S.W.R. Plain bend confirming to IS- 14735				
	75 mm size	Each	6.00	150.00	900.00
	110 mm size	Each	6.00	205.00	1230.00
38	Supply and fixing of UPVC S.W.R. Door Y confirming to IS- 14735				
	75 mm size	Each	6.00	245.00	1470.00
	110 mm size	Each	6.00	325.00	1950.00

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39	Supply and fixing of UPVC S.W.R. Cowel confirming to IS- 14735				
	110 mm size	Each	3.00	90.00	270.00
40	Supply and fixing of UPVC S.W.R. Nahni trap size 100/75mm, 100/90mm confirming to IS - 14735 self cleaning design fixed in PCC 1:2:4 and supply and fixing of 125mm dia heavy duty CP brass jali.	Each	17	910.00	15470.00
41	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour weighing not less than 105 gms.	Each	6.00	142.67	856.02
42	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall				
	32 mm nominal outer dia pipes	Rm	50.00	565.25	28262.50
	40 mm nominal outer dia pipes	Rm	50.00	688.05	34402.50
43	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
	Internal work - Exposed on wall				
	25 mm nominal outer dia Pipes	Rm	100.00	340.30	34030.00
	32 mm nominal outer dia Pipes	Rm	100.00	439.62	43962.00
44	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.				
	15 mm nominal outer dia pipes	Rm	46.00	421.86	19405.56
	20 mm nominal outer dia pipes	Rm	69.00	455.59	31435.71
45	Providing and fixing of gun metal gate valve with CI wheel of approved quality (screwed ends)				
	25mm dia, nominal bore	Each	2.00	527.46	1054.92

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	32 mm dia, nominal bore	Each	1.00	584.41	584.41
	40 mm dia, nominal bore	Each	1.00	700.08	700.08
46	Providing and fixing uplasticised PVC connection pipe with brass unions :				
	45 cm length				
	15 mm nominal bore	Each	22	82.84	1822.48
47	Painting G.I. pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat, both of approved quality for new work (internal work -exposed on walls)				
	32 mm nominal outer dia pipes	Rm	50.00	30.81	1540.50
	40 mm nominal outer dia pipes	Rm	50.00	36.14	1807.00
48	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
	20 mm nominal bore	Each	4.00	391.95	1567.80
	25 mm nominal bore	Each	4.00	393.26	1573.04
49	Providing and fixing PTMT bib cock of approved quality and colour.				
	15 mm nominal bore, 86 mm long, weighing not less than 88 gms	Each	10.00	106.44	1064.40
50	Providing and fixing PTMT bib cock of approved quality and colour.				
	15 mm nominal bore, 165 mm long, weighing not less than 110 gms	Each	12.00	149.87	1798.44
51	Providing and fixing PTMT angle stop cock 15 mm nominal bore, weighing not less than 85 gms	Each	22.00	132.97	2925.34
52	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	Litre	1000.00	9.32	9320.00
53	Excavating trenches of required width for pipes, cables, etc, including excavation for sockets, depth upto 1.5 m including getting out the excavated materials, returning the soil as required in layers not exceeding 20 cm in depth including consolidating each deposited layers by ramming, watering etc. stacking serviceable material for measurements and disposal of unserviceable material as directed, within a lead of 50m :				
	Pipes, cables etc. exceeding 80 mm dia but not exceeding 300 mm dia.	meter	30.00	298.43	8952.90

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54	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				
	150 mm diameter	meter	30.00	589.66	17689.80
55	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design :				
	150 mm diameter S.W./R.C.C. pipe	meter	30.00	999.87	29996.10
56	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:				
	150 x 100 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	4.00	2317.12	9268.48
57	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) Fisnihed with a floating coat of neat cement complete as per standard design :				
	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	2.00	10822.50	21645.00
58	Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) :				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	2.00	22377.54	44755.08
59	Extra for depth for manholes :				
	Size 90x80 cm				

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	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	metre	1	7479.15	7479.15
60	Extra for depth for manholes :				
	Size 120x90 cm				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	metre	1.00	8970.76	8970.76
61	Recessed wiring to light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor of ISI marked Make-Finolex/Anchor/Polycab/HAVELLS/RR KABLE/KEI with 20 mm dia HMS FRLS PVC conduit ISI marked Make-AKG/BEC/Precision/Norpak/Anchor/Kinjal 6A modular type (flame retradant type) switch ISI marked Make-Schneider(Zencelo)/legrand(Myrius) /Panasonic (vision) and ceiling rose ISI marked of modular type G.I box with metallic cover plate (both side) (flame retradant type) Make-Schneider(Zencelo)/legrand(Myrius) /Panasonic (vision) of suitable size, modular box with 1.5 sq. Mm FRLS PVC insulated single core multistandard copper conductor as earth wire including all accessories and connection as per direction of Engineer -in -Charge. . All the switches & sockets should be warrantied for a replacement period of 2 years against defects with necessary test report &Warrnaty certificate to be submitted to the department for genuinity of product & to avail free after sales service within warranty period for acceptance of materials.				
	GROUP-B	nos	140.00	914.00	127960.00
62	Supplying ,fixing of 6A Plug on the same board in existing switch board with complete fitting by 01 no of 6A switch & socket (modular type)((flameretradant type)) & other required accessories of ISI marked as approved as per direction of Engg. -in -Charge. Make-Schneider(Zencelo)/legrand(Myrius) /Panasonic (vision) .(Maximum 02 nos point in one circuit).All the switches & sockets should be warrantied for a replacement period of 2 years against defects with necessary test report &Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.	nos	24.00	196.00	4704.00

63	Supplying,fixing of 6A Plug on the separate board with complete fitting by 01 no of 6A switch & socket(modular type)((flame retradant type)) with suitable size modular box & cover(flame retradant type) including supplying of all required accessories of ISI marked as approved as per direction of engg-in-charge..Make-Schneider(Zencelo)/legrand(Myrius) /Panasonic (vision) .(Maximum 02 nos point in one circuit).All the switches & sockets should be warrantied for a period of 2 years against manufacturing defects against which necessary test report &Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.	nos	10.00	551.00	5510.00
64	Supplying,fixing of 1x16A Plug on the separate board with complete fitting by 01 no of 16A switch &socket(modular type)((flameretradant type)) with suitable size modular box &cover(flameretradant type) including supplying of all required accessories of ISI marked as approved as per direction of engg-in-charge.. Make-Schneider(Zencelo)/legrand(Myrius)/Panasonic (vision) (For equipementpower)All the switches & sockets should be warrantied for a replacement period of 2 years against defects with necessary test report &Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.	nos	4.00	687.00	2748.00
64	Supplying,fixing of 1x6A+1X1 6A Plug on the separate board with complete fitting by 01 no of 16A+1 no 6A switch & socket(modular type) (flame retradant type) with suitable size modular box & metallic cover plate (both side) falmeretradant type)including supplying of all required accessories of ISI marked as approved as per direction of engg-in-charge..Make-Schneider(Zencelo)/legrand(Myrius)/Panasonic (vision) (For equipement power)(Maximum 02 nos point in one circuit).All the switches & sockets should be warrantied for a replacement period of 2 years against defects with necessary test report &Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.	nos	4.00	1092.00	4368.00

65	Recess wiring for circuit/submain wiring with the following mentioned size PVC FRLS insulated, copper conductor, single core cable Make- Finolex/Anchor/Polycab/HAVELLS/RR KABLE/KEI in recessed HMS FRLS PVC conduit of mentioned size Make- AKG/BEC/Precision/Norpak/Anchor/Kinjal as required as per direction of Engg.-in-Charge. 2 nos single core 1.5 sq. mm copper wire for phase and neutral and 01 no of single core 1.5 sq. mm copper wire for earth continuity conductor. In 20 mm dianon metallic heavy duty conduit (LDB to LSB/LIGHT CKT)(2X1.5+1X1.5)	mtr	350.00	159.00	55650.00
66	Recess wiring for circuit/submain wiring with the following mentioned size PVC FRLS insulated, copper conductor, single core cable Make- Finolex/Anchor/Polycab/HAVELLS/RR KABLE/KEI in recessed HMS FRLS PVC conduit of mentioned size Make- AKG/BEC/Precision/Norpak/Anchor/Kinjal as required as per direction of Engg.-in-Charge. 2 nos single core 2.5 sq. mm copper wire for phase and neutral and 01 no of single core 1.5 sq. mm copper wire for earth continuity conductor in 20 mm dianon metallic heavy duty conduit.(BDB to LSB/LIGHT CKT/5A PLUG/UPS POINT) (2X2.5+1X1.5)	mtr	350.00	173.00	60550.00
67	Recess wiring for circuit/submain wiring with the following mentioned size PVC FRLS insulated, copper conductor, single core cable Make- Finolex/Anchor/Polycab/HAVELLS/RR KABLE/KEI in recessed HMS FRLS PVC conduit of mentioned size Make- AKG/BEC/Precision/Norpak/Anchor/Kinjal as required as per direction of Engg.-in-Charge. 2 nos single core 4 sq. mm copper wire for phase and neutral and 01 no of single core 1.5 sq. mm copper wire for earth continuity conductor in 20 mm dianon metallic heavy duty conduit .(PDB to PSB/ POWER POINT/AC POINT) (2X4+1X1.5)	mtr	40.00	191.00	7640.00
68	Recess wiring for circuit/submain wiring with the following mentioned size PVC FRLS insulated, copper conductor, single core cable Make- Finolex/Anchor/Polycab/HAVELLS/RR KABLE/KEI in recessed HMS FRLS PVC conduit of mentioned size Make- AKG/BEC/Precision/Norpak/Anchor/Kinjal as required as per direction of Engg.-in-Charge. 2 nos single core 6 sq. mm copper wire for phase and neutral and 01 no of single core 2.5 sq. mm copper wire for earth continuity conductor in 25 mm dianon	mtr	150.00	222.00	33300.00

	metallic heavy duty conduit .(LFDB TO LBDB/UBDB) (2X6+1X2.5)				
69	Recess wiring for circuit/submain wiring with the following mentioned size PVC FRLS insulated, copper conductor, single core cable Make- Finolex/Anchor/Polycab/HAVELLS/RR KABLE/KEI in recessed HMS FRLS PVC conduit of mentioned size Make- AKG/BEC/Precision/Norpak/Anchor/Kinjal as required as per direction of Engg.-in-Charge. 4 nos single core 6 sq. mm copper wire for phase and neutral and 02 nos of single core 4 sq. mm copper wire for earth continuity conductor in 32 mm dianon metallic heavy duty conduit.(LFDB TO LBDB/Medical equipement) (4X6+2X4)	mtr	100.00	319.00	31900.00
70	Recess wiring for circuit/submain wiring with the following mentioned size PVC FRLS insulated, copper conductor, single core cable Make- Finolex/Anchor/Polycab/HAVELLS/RR KABLE/KEI in recessed HMS FRLS PVC conduit of mentioned size Make- AKG/BEC/Precision/Norpak/Anchor/Kinjal as required as per direction of Engg.-in-Charge. 4 nos single core 10 sq. mm copper wire for phase and neutral and 02 nos of single core 6 sq. mm copper wire for earth continuity conductor in 32 mm dianon metallic heavy duty conduit .(LFDB TO FLOOR PANEL TO TPN BDB power) (4X10+2X6)	mtr	50.00	446.00	22300.00
71	Supplying and installation of 25A AC starter Modular type, Schneider/Siemens/Legrand coil voltage-230 Volt A.C. on mod Box of suitable size including modular covers required as per direction of Engg.-in-Charge .All the Components should be warranted for a replacement period of 2 years against defects with necessary test report &Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.	nos	2.00	627.00	1254.00

CONTRACTOR

BLOCK DEVELOPMENT OFFICER.
HARABHANGA BLOCK

72	Supplying and fixing of 20 mm sizes of heavy class PVC FRLS conduit ISI marked along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required as per direction of Engg.-in-Charge .MAKE KINJAL/ AKG/Anchor /S.S)	mtr	100.00	126.00	12600.00
73	Supply and fixing CALL bell (Ding dong type) /Buzzer on the existing switch box/cover.Make- Make- Schneider(Zencelo)/legrand(Myrius)/Panasonic (vision) .as required as per direction of Engg.-in-Charge.All the Components should be warrantied for a replacement period of 2 years against defects with necessary test report &Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.	nos	2.00	214.00	428.00
74	S/F of Bakelite angle holder/batten holder (make-Anchor/Havells or equievalant reputed make A catagory ISI marked as approved)of ISI marked conforming to IS-1258/1987 in place of ceiling rose as per direction of Engg.-in-Charge .All the Components should be warrantied for a replacement period of 2 years against defects with necessary test report &Warrnaty certificate to be submitted to the department for genuinity of product & to avail free aftersales service within warranty period for acceptance of materials.	nos	14.00	76.00	1064.00
75	S/F of 5 step type Modular electronic Fan Regulator ISI Marked with all connection complete in all respect as per direction of Engineer in charge (Make- Schneider(Zencelo)/legrand(Myrius)/Panasonic (vision)	nos	32.00	374.00	11968.00
	Sub-Head II (Light fitting Fixture & Fan)				
76	Supplying, installation, testing and commssioning of 1200 mm sweep white/milky colour ceiling fan with aluminium blades having wattage not more than 60W and air delivery $\geq 215\text{m}^3/\text{min}$ Make-Crompton Energion Groove /Havells Efficiencia Neo/Usha Technix) including wiring the down rod of standard length (upto 30 cm) with 1.5 sq mm PVC insulated, copper conductor, single core cable etc. as required as per direction of Engg.-in-Charge,Replacement Warranty will be 2 years.	nos	32.00	1800.00	57600.00

77	Supplying and fixing of Energy efficient surface /recess mounted square /round shape 18 W LED luminaire of dimension of consists of white powder coated , die-cast Alluminium housing with high quality frosted diffuser for glare-free uniform lighting distribution with wattage not more than 18 watt and lumen output of 1800 lumens, , CRI not less than 80,CCT of 6000 degree K,THD less than 10%, with electronic driver, internal surge protection of 3 KV , L70 B50: 50000 hrs and all other accessories suitable for operation on 220 V to 240 V supply as required as per direction of Engg.-in-Charge. (Make: Panasonic/LT/Havells /Philips/Wipro /Crompton/Bajaj).The luminaire should be Replacement Warranty will be 2 years	nos	16.00	1540.00	24640.00
78	SITC of energy efficient LED tube light fittings with decorative alluminium batten and LED tube light having power rating not more than 20 watt and lumen output not less than 2200 lumen complete with electronic driver and all other accessories with diffuser having 2 years warranty i/c connection etc as required as per direction of Engg.-in-Charge. (Make: Panasonic/LT/Havells /Philips/Wipro /Crompton/Bajaj). The luminaire should be Replacement Warranty will be 2 years .	nos	82.00	728.00	59696.00
79	SITC of Sleek LED 10 watt mirror light fitting with extruded polycarbonate housing,High optically efficient diffuser,above wash basin complete with all accessoriesetc. directly on wall, including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required as per direction of Engg.-in-Charge. (Make: Panasonic/LT/Havells /Philips/Wipro /Crompton/Bajaj)The luminaire should be Replacement Warranty will be 2 years	nos	6.00	736.00	4416.00
80	Supplying, Erection, Fixing, connection & testing of LED Light of elegant look (Make: Panasonic/LT/Havells /Philips/Wipro /Crompton/Bajaj) 45 W LED street light having die cast aluminium housing with IP PC Lens having lumen efficacy of 120 lm/w or more (As per LM 79 report of third party NABL lab) , LED street light model having warrantied for a period of 5 years . The luminaire should be supplied along with bracket maintenance free for inspection as required as per direction of Engg.-in-Charge.	nos	4.00	5120.00	20480.00

81	Supplying and fixing extra conduit down rod of 20 cm length G.I. pipe 15 mm dia, heavy gauge including painting etc. as required as per direction of Engg.-in-Charge . (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)of ISI mark as approved.	nos	20.00	33.00	660.00
	BDBS,DB,AC DB,FLOORPANELS,MCBS				
82	Supplying and fixing of following mentioned way, three pole/single pole and neutral, sheet steel,double door MCB distribution board, 415 volts/240 volts shall be as per IEC 61439-3,integrated door earthing system offering additional safety to the user,High quality polyurethane Gasket,the box and cover shall be fabricated to withstand IK09,the DB should be properly pre-treated with 7 tank process and duly powder coated, phosphatized with powder coated finish, on surface/recess, complete with terminal blocks,with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper busbar, neutral busbar, earth bar, din bar. Make-LEGRAND-Ekinox3 DB/ Siemens-Betaguard/ Schneider- Acti 9/ABB Itus as per direction of Engg.-in-Charge. The Distribution boards should be Replacement Warranty will be 3 years				
	4 Way(8+12) Way TPN MCB DD DB Horizontal Type as per IEC 61439-3 suitable for Flush mounting and Surface mounting with 100A Copper Bus Bar for each phase, with neutral Bus bar, Earth Bar & Cable ties for cable management, prefitted masking sheet, IP43-IK09 with metal door Warranty on DB is 3 years (light,power,ups)	nos	1.00	4270.00	4270.00
83	Supply and fixing of 12 way DD single pole and neutral sheet steel MCB distribution board 250V on surface/recess complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (but with out MCB/ RCCB/ Isolator).Warranty on DB is 3 years	nos	2.00	1969.00	3938.00
84	Supply and fixing of 6 way DD single pole and neutral sheet steel MCB distribution board 250V on surface/recess complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (but with out MCB/ RCCB/ Isolator).Warranty on DB is 3 years	nos	22.00	1844.00	40568.00

85	Supplying and fixing 6-32 amps rating, 240 volts, C series,10KA breaking capacity, Double poles MCB of Make-LEGRAND-DX3 / Siemens-Betaguard/ Schneider- Acti 9/ABB SB 200/ABB SB 200 in the existing MCB DB complete with connections as per direction of Engg.-in-Charge. .Warranty on MCB is 1 years.	nos	20.00	963.00	19260.00
86	Supplying and fixing 6 amps to 32 amps rating, 240 volts, C series,10KA breaking capacity, single poles MCB of Make-LEGRAND-DX3 / Siemens-Betaguard/ Schneider- Acti 9/ABB SB 200. the existing MCB DB complete with connections as per direction of Engg.-in-Charge. .Warranty on MCB is 1 years.	nos	100.00	321.00	32100.00
87	Supplying and fixing 40 Amps rating, C series,10KA breaking capacity,4P, 415 volts, MCB . Make-LEGRAND-DX3 / Siemens-Betaguard/ Schneider- Acti 9/ABB SB 200 in the existing MCB DB complete with connections, testing and commissioning etc. as required as per direction of Engg.-in-Charge. ..The MCB should be Replacement Warranty will be 1 years..	nos	2.00	2966.00	5932.00
88	Supplying and fixing 40 Amps rating,C series,10KA breaking capacity, 4P, 415 volts, RCCB 30mA . Make-LEGRAND-DX3/ Siemens-Betaguard/ Schneider- Acti 9/ABB FB 200 in the existing MCB DB complete with connections, testing and commissioning etc. as required as per direction of Engg.-in-Charge. .The MCB should be Replacement Warranty will be 1 years.	nos	2.00	5239.00	10478.00
89	Supplying and fixing 25-32 Amps rating, 2P, 415 volts, RCCB 30mA . Make-LEGRAND-DX3 / Siemens-Betaguard/ Schneider- Acti 9/ABB FB 200 in the existing MCB DB complete with connections, testing and commissioning etc. as required as per direction of Engg.-in-Charge. The MCB should be Replacement Warranty will be 1 years	nos	2.00	2985.00	5970.00
90	Supplying and fixing 63Amps rating,C series,10KA breaking capacity, 4P 415 volts MCB Make-LEGRAND-DX3 / Siemens-Betaguard/ Schneider- Acti 9/ABB SB 200 in the existing MCB DB in the existing MCB DB complete with connections as per direction of Engg.-in-Charge..TheMCB should be Replacement Warranty will be 1 years.	nos	2.00	2966.00	5932.00
91	Supplying and fixing 63Amps 4P 415 volts RCCB 30 mA Make-LEGRAND-DX3/ Siemens-Betaguard/ Schneider- Acti 9/ABB FB 200 in the existing MCB DB in the existing MCB DB complete with connections as per direction of Engg.-in-	nos.	2.00	5239.00	10478.00

CONTRACTOR

BLOCK DEVELOPMENT OFFICER.
HARABHANGA BLOCK

	Charge..The MCB should be Replacement Warranty will be 1 years.				
	(Earthing) INSTALLATION				
92	Supplying,installation,testing& commissioning of materials and installation of GI earth plate 600mmx600mmx6mm thick ISI marked with G. I. nut bolts & washers including cost of burnt wood charcoal, salt, foreign soil, water pouring arrangements, brick masonry enclosure on top with removable RCC cover complete with labour for excavation of pit in all kinds of soil & rock as required and as per direction of Engineer-in-charge.	nos	2.00	6500.00	13000.00
93	Providing and fixing 25mm x 5 mm GI strip on surface or in recess for connections etc. as required as per direction of Engg.-in-Charge.	mtr	50.00	150.00	7500.00
94	Providing and fixing 6swg GI wire on surface or in recess for loop earthing as required.	mtr	50.00	35.00	1750.00
	CABLING AND END TERMINATION MAIN AREA				
95	Supplying of one number PVC insulated armoured and PVC sheathed XLPE property AL. conductor power cable of 1.1 KV grade Make- Finolex/Anchor/Polycab/HAVELLS/RR KABLE/KEI of following size cables as per direction of Engg.-in-Charge. Necessary test report &Warrnaty certificate to be submitted to the department for genuinity of product & to avail free after sales service within warranty period for acceptance of materials				
	supply of 4core x 16 sq mm AluminiumArmouredcable, complete with all accessories as requirement at site, including cost & conveyance of all materials labours all taxes etc. (Polycab/ RR/ Finolex/ Havells/ S.S/ Gloste or euievalantr)	mtr	50.00	301.00	15050.00
96	supply of 3.5core x 35 sq mm AluminiumArmouredcable, complete with all accessories as requirement at site, including cost & conveyance of all materials labours all taxes etc. (Polycab/ RR/ Finolex/ Havells/ S.S/ Gloste or euievalantr)(2 RUNS FOR DG POWER)	mtr	25.00	428.00	10700.00
97	supply of 3.5core x 95 sq mm AluminiumArmouredcable, complete with all accessories as requirement at site, including cost & conveyance of all materials labours all taxes etc. (Polycab/	mtr	50.00	970.00	48500.00

CONTRACTOR

BLOCK DEVLOPMENT OFFICER.
HARABHANGA BLOCK

	RR/ Finolex/ Havells/ S.S/ Gloste or euievalantr)(2 RUNS FOR DG POWER,MAIN)				
	LAYING OF CABLE				
98	Laying of PVC Insulated PVC Seated /XLPE power cable of 1.1 kv grade size not exceeding 25 SQ. MM direct in ground in the trench in one horizontal formation including excavation ,sandcoushing protection covering and refilling the trench etc as required as per direction of Engg.-in -charge.	mtr	50.00	157.00	7850.00
99	Laying of PVC Insulated PVC Seated /XLPE power cable of 1.1 kv gradesize exceeding 25 SQ. MM but not exceeding 120 SQ. MM direct in ground in the trench in one horizontal formation including excavation ,sandcoushing protection covering and refilling the trench etc as required as per direction of Engg.-in -charge.	mtr	25.00	178.00	4450.00
100	Laying of PVC Insulated PVC Seated /XLPE power cable of 1.1 kv grade size not exceeding 25 SQ. MM direct in ground in the EXISTING PIPE etc as required as per direction of Engg.-in -charge.	mtr	20.00	57.00	1140.00
101	Laying of PVC Insulated PVC Seated /XLPE power cable of 1.1 kv gradesize exceeding 25 SQ. MM but not exceeding 400 SQ. MM direct in ground in the EXISTING PIPE etc as required as per direction of Engg.-in -charge.	mtr	25.00	79.00	1975.00
102	Laying of PVC Insulated PVC Seated /XLPE power cable of 1.1 kv grade size not exceeding 25 SQ. MM in open duct etc as required as per direction of Engg.-in -charge.	mtr	25.00	46.00	1150.00
103	Laying of PVC Insulated PVC Seated /XLPE power cable of 1.1 kv gradesize exceeding 25 SQ. MM in open duct 400 SQ. MM direct in ground in the EXISTING PIPE etc as required as per direction of Engg.-in -charge.	mtr	25.00	63.00	1575.00
104	Laying of PVC Insulated PVC Seated /XLPE power cable of 1.1 kv grade size not exceeding 25 SQ. MM in surface with shaddle and screw etc as required as per direction of Engg.-in -charge.	mtr	10.00	105.00	1050.00
105	Laying of PVC Insulated PVC Seated /XLPE power cable of 1.1 kv grade size not exceeding 120 SQ. MM From 25 SQ. MM in surface with shaddle and screw etc as required as per direction of Engg.-in -charge.	mtr	15.00	163.00	2445.00

CONTRACTOR

BLOCK DEVLOPMENT OFFICER.
HARABHANGA BLOCK

106	Supplying and making end termination with brass compression gland and aluminium lugs for following mentioned size cable.as per direction of Engg.-in-Charge.				
a)	Supplying and making end termination with 4 core x16 sq mm brass compression gland and aluminium lugs for following mentioned size cable.as per direction of Engg.-in-Charge.	nos	4.00	232.00	928.00
b)	Supplying and making end termination with 3.5 core x35 sq mm brass compression gland and aluminium lugs for following mentioned size cable.as per direction of Engg.-in-Charge.	nos	2.00	403.00	806.00
c)	Supplying and making end termination with 3.5 core x95 sq mm brass compression gland and aluminium lugs for following mentioned size cable.as per direction of Engg.-in-Charge. (2 RUNS FOR MAIN POWER)	nos	4.00	475.00	1900.00
107	Providing,fixing and laying of following dia G.I. pipe (medium class) in ground complete with G.I fitting incl. trenching(75 mm depth)and refilling as per direction of Engg.-in-Charge.				
a)	50 mm dia	mtr	10.00	449.00	4490.00
108	Supplying,laying of 3cx2.5 sq.mm copper flexible cable with insulated cover of reputed make,ISI marked with all other concerned materials as per direction of Engg.-in-Charge. Ncessary test report &Warrnaty certificate to be submitted to the department for genuinity of product & to avail free after sales service within warranty period for acceptance of materials	mtr	100.00	110.00	11000.00
	CABLE TRAY /RACE WAY FOR DISTRIBUTION OF POWER				
109	Supplying, fixing of perforated cable trays with horizontal & vertical bends, reducers ,tees, crossover, brackets & other accessories ar requited confirming to IS-IEC -61537 ,the cable tray shall be galvanized for corrosion protection confirming to DIN EN 10346/ISO 1461. Size 60mm(H) x 200mm(W) of MAKE-Profab/OBO/Neidax.The Load bearing capacity of the Cable Trays should be minimum of 104.8Kg/meter at the span of 1.5Meter as per UL specifications as required as per direction of Engg.-in-Charge.	mtr	10.00	605.00	6050.00
			Total (INR) Rs		91,53,689.20
			Say Rs		91,53,689.00

CONTRACTOR

BLOCK DEVELOPMENT OFFICER.
HARABHANGA BLOCK

Special condition: -All materials, labour, machineries, and equipments required to complete the work in all respect shall be arranged by the tenderer at his own cost. The employer will bear no responsibility in this aspect.

My / Our quoted rate is _____ % Excess over the Estimated cost put to Tender
_____ % Less than the Estimated cost put to Tender
_____ Equal to the corresponding estimate rate.

Signature of the Contractor.

Notes: 1. The Contractor should not write anything except quoting of percentage, excess/ less / equal to the estimated cost.

No. of corrections.....

No. of overwriting.....

No. of interpolations.....

No. of omission.....

Signature of Tenderer. Block Development Officer. with date of submission of Tender.
HARABHANGA Block.

CONTRACTOR

BLOCK DEVELOPMENT OFFICER.
HARABHANGA BLOCK

Official use only

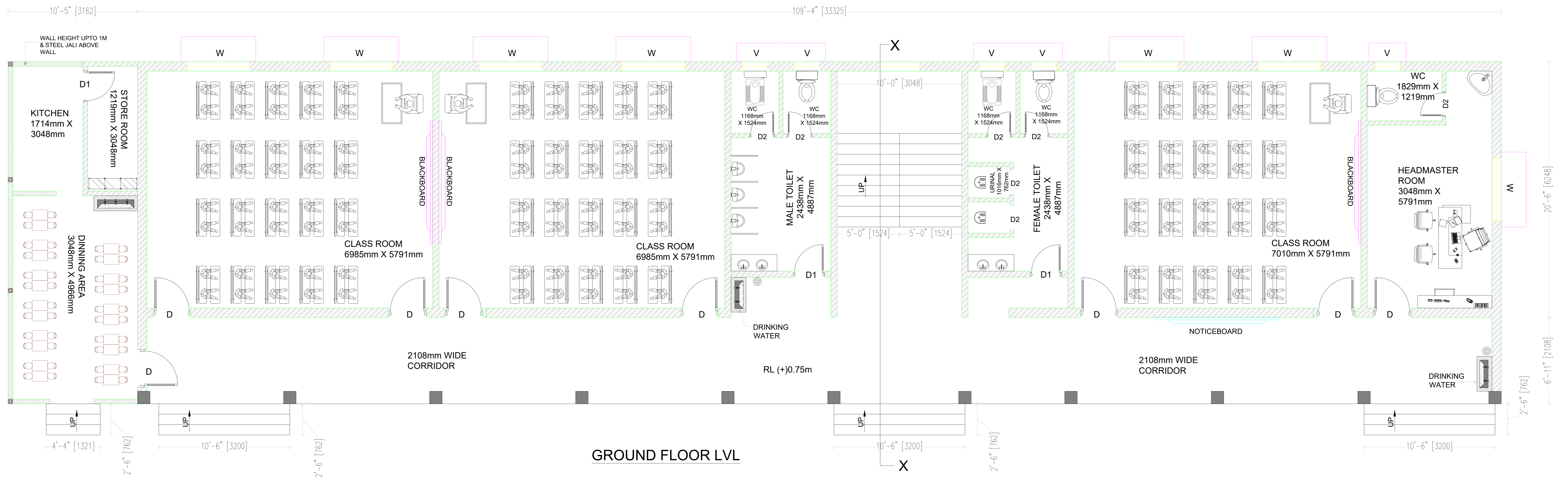
1. **Name of the work:** - Construction of Additional class room at Karanjakata.
2. **Approximate estimated cost put to tender** :-Rs. 91,53,689 /-
3. **Value of E.M.D as per tender call notice** :- Rs. 91,537 /-
4. (a) **E.M.D deposited by the tenderer in shape of** :-
(b) **Amount pledged/ un pledged** :-
5. **GSTIN** :-
6. **Stipulated period of completion** :-
7. **Cost of tender paper** :- Rs.10,000/-
8. **Date & time of opening of the tender paper** :- Dt.17.07.2026, At 11.00 AM
9. **Tender paper in -----/ sheets**
10. **No of items tendered** :-109 (One Hundred Nine)
11. **Total overwriting and correction** :-

Sold to _____

_____ **class contractor**

Vide M.R No _____ **dated** _____

**Block Development Officer
(Office Seal)**



GROUND FLOOR LVL

PROJECT:
CONSTRUCTION OF ADDITIONAL CLASSROOM AT KARANJAKATA, BOUDH, ODISHA.

NOTE:
1. ALL DIMENSIONS ARE IN (ft" inch").
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION	BY.
06-01-2026	R0	APPROVAL	--

DRG. TITLE:
GROUND FLOOR

DIRECTION:
N

DATE:
06-01-2026

SCALE:
NTS

CLIENT:
B.D.O.,
HARBHANGA,
DIST-BOUDH.

CONSULTING ENGINEERS:
ARCHIMADE INTERIORS
archimadeinteriors@gmail.com
PLOT NO-780/2167, 3RD FLOOR,
SANTOSHI VIHAR, MEHERPALLI,
LAXMISAGAR, BBSR - 751006 ,
ODISHA.

DRG. NO.:
SI/ST/2025/11/116

REV. NO.:
R0

TYPE OF PROJECT:
LANDSCAPE DESIGN

DRAWN BY:
SKM

CHECKED BY:
RSH

ARCHITECT:
PS

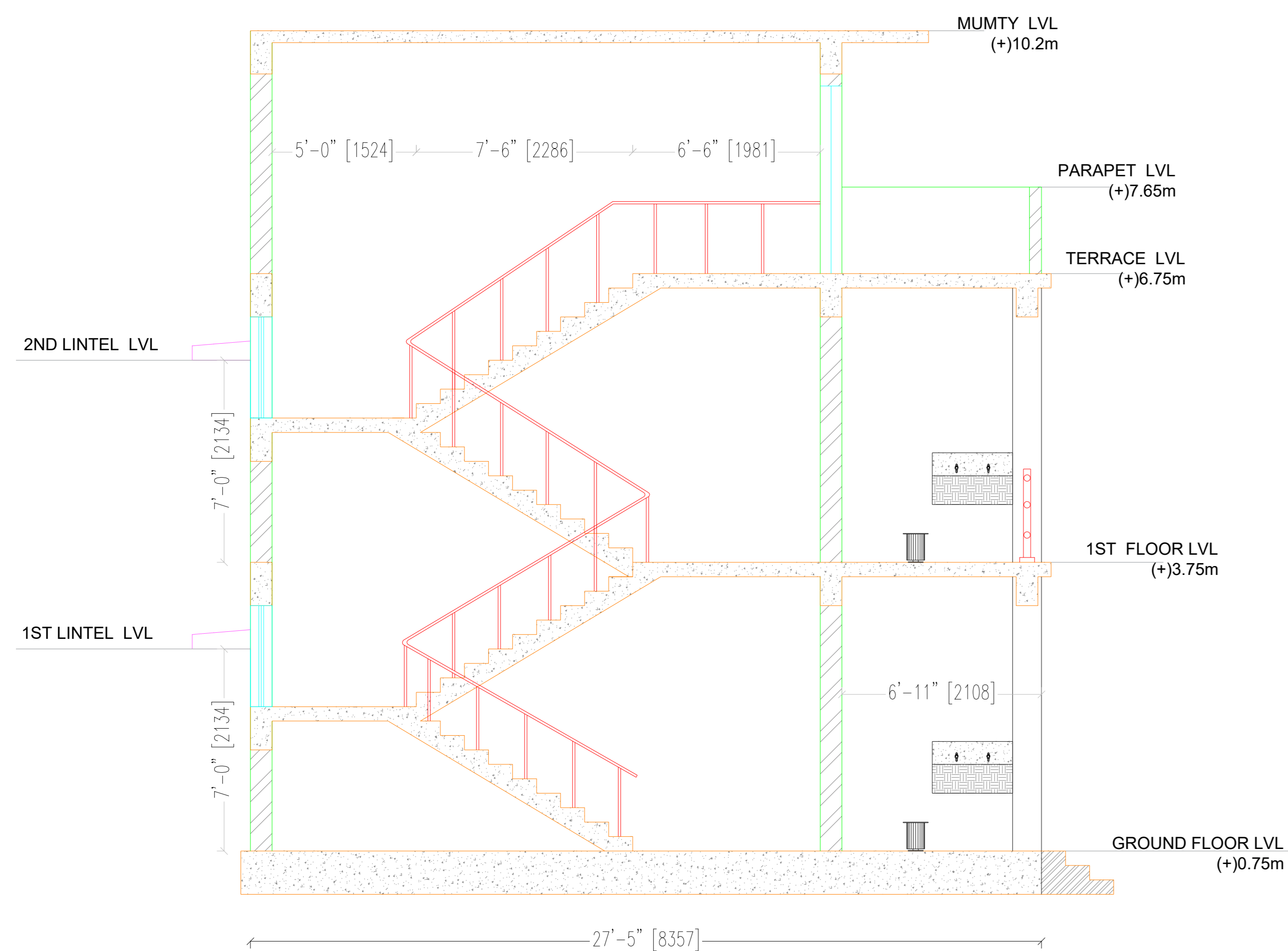
SHEET NO.:
1 TO 4

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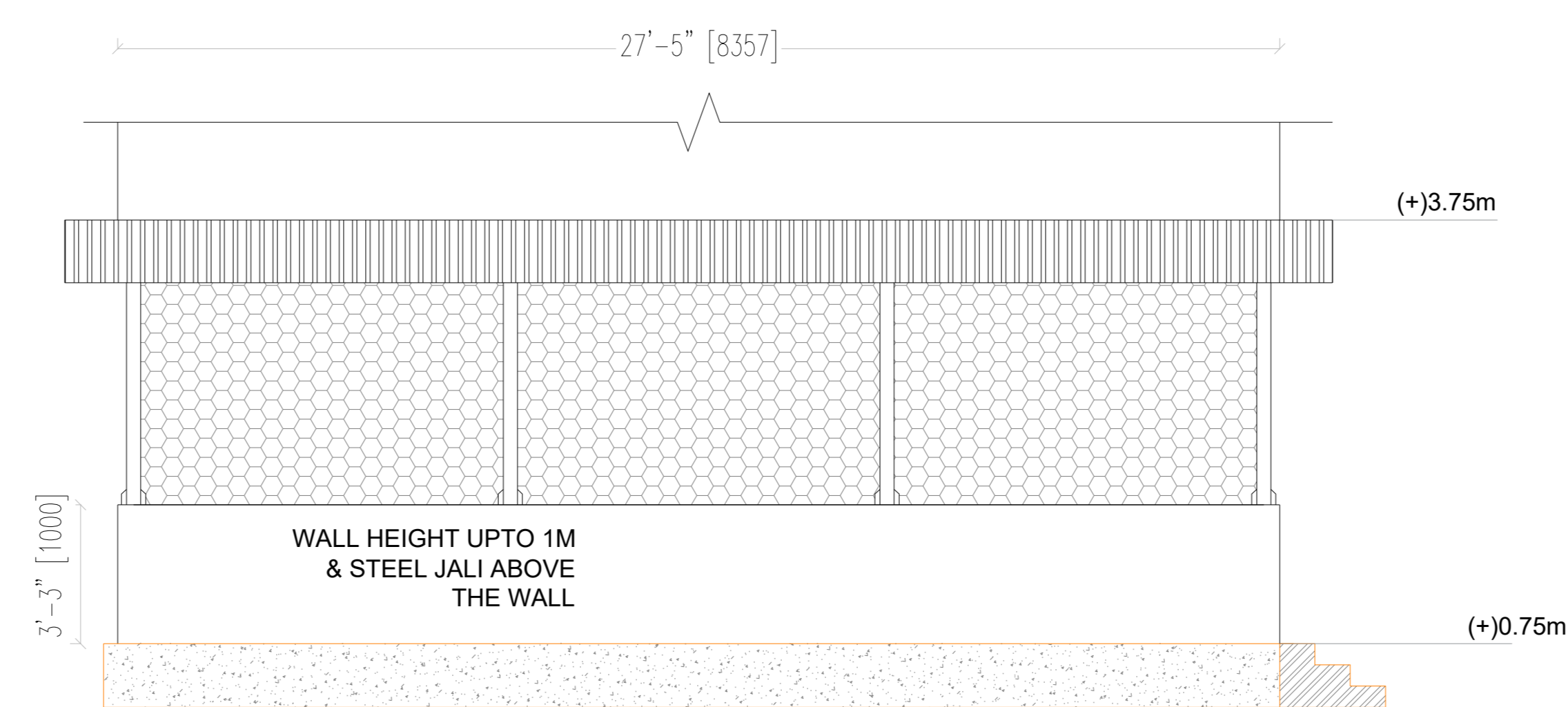
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FRONT ELEVATION



SECTION (X-X)



LEFT ELEVATION

PROJECT:
CONSTRUCTION OF ADDITIONAL CLASSROOM AT KARANJAKATA, BOUDH, ODISHA.

NOTE:
1. ALL DIMENSIONS ARE IN (ft" inch").
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION	BY.
06-01-2026	R0	APPROVAL	--

DRG. TITLE:
ELEVATION & SECTION

DIRECTION:
N

DATE:
06-01-2026

DRG. NO.:
SI/ST/2025/11/116

DRAWN BY:
SKM

SCALE:
NTS

REV. NO.:
R0

CHECKED BY:
RSH

CLIENT:
B.D.O.,
HARBHANGA,
DIST-BOUDH.

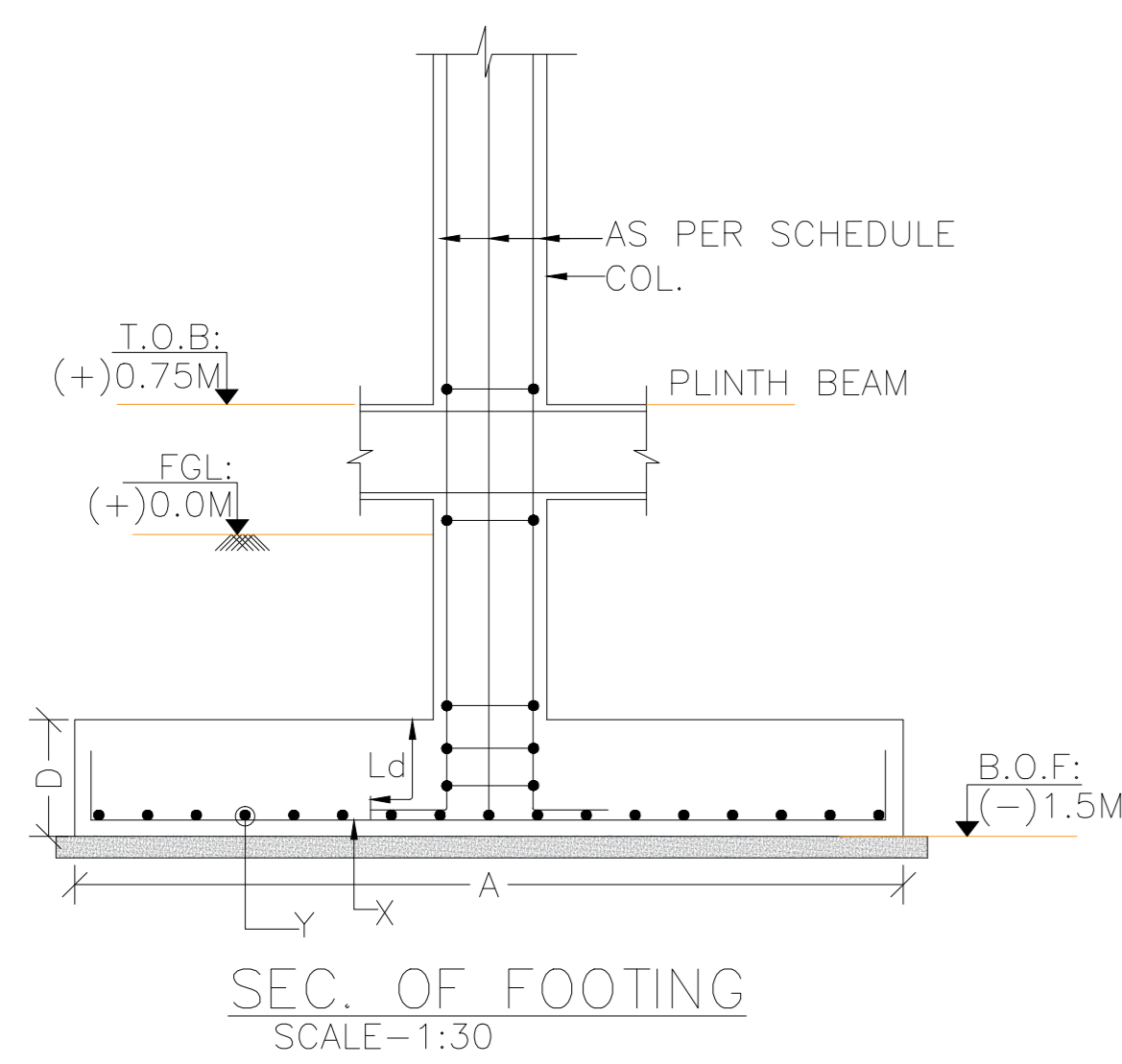
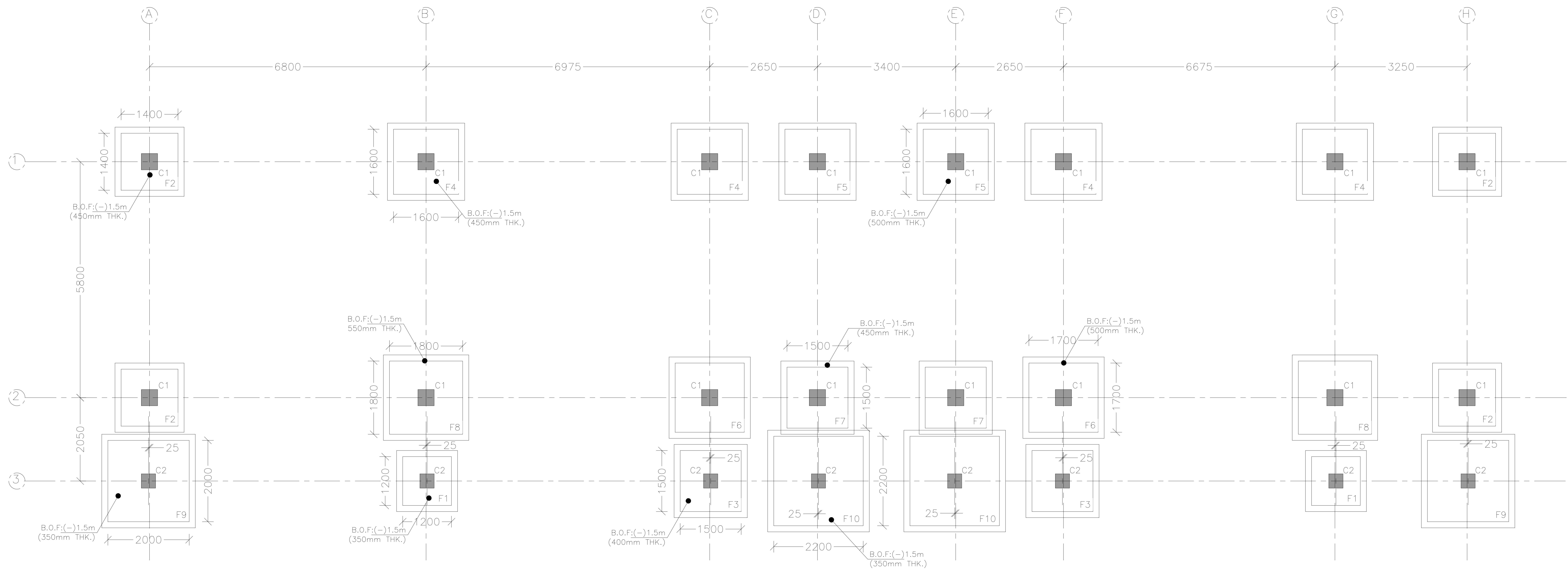
TYPE OF PROJECT:
LANDSCAPE
DESIGN

ARCHITECT:
PS

CONSULTING ENGINEERS:
ARCHIMADE INTERIORS
archimadeinteriors@gmail.com
PLOT NO-780/2167, 3RD FLOOR,
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LAXMISAGAR, BBSR - 751006,
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COLUMN & FOOTING LAYOUT PLAN

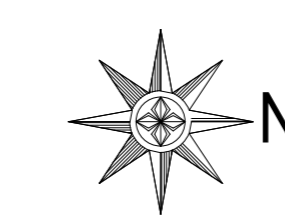
PROJECT:
 CONSTRUCTION OF ADDITIONAL
 CLASSROOM AT KARANJAKATA,
 BOUDH, ODISHA.

NOTE:
 1. ALL DIMENSIONS ARE IN (ft" inch").
 2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION	BY.
06-02-2026	R0	APPROVAL	--

DRG. TITLE:
 FOOTING
 LAYOUT
 PLAN

DIRECTION:



SHEET NO.
 2 TO 6

DATE:
 06-01-2026

DRG. NO.
 SI/ST/2025/11/116

DRAWN BY:
 SKM

SCALE:
 NTS

REV. NO.
 R0

CHECKED BY:
 RSH

CLIENT:
 B.D.O,
 HARBHANGA,
 DIST-BOUDH.

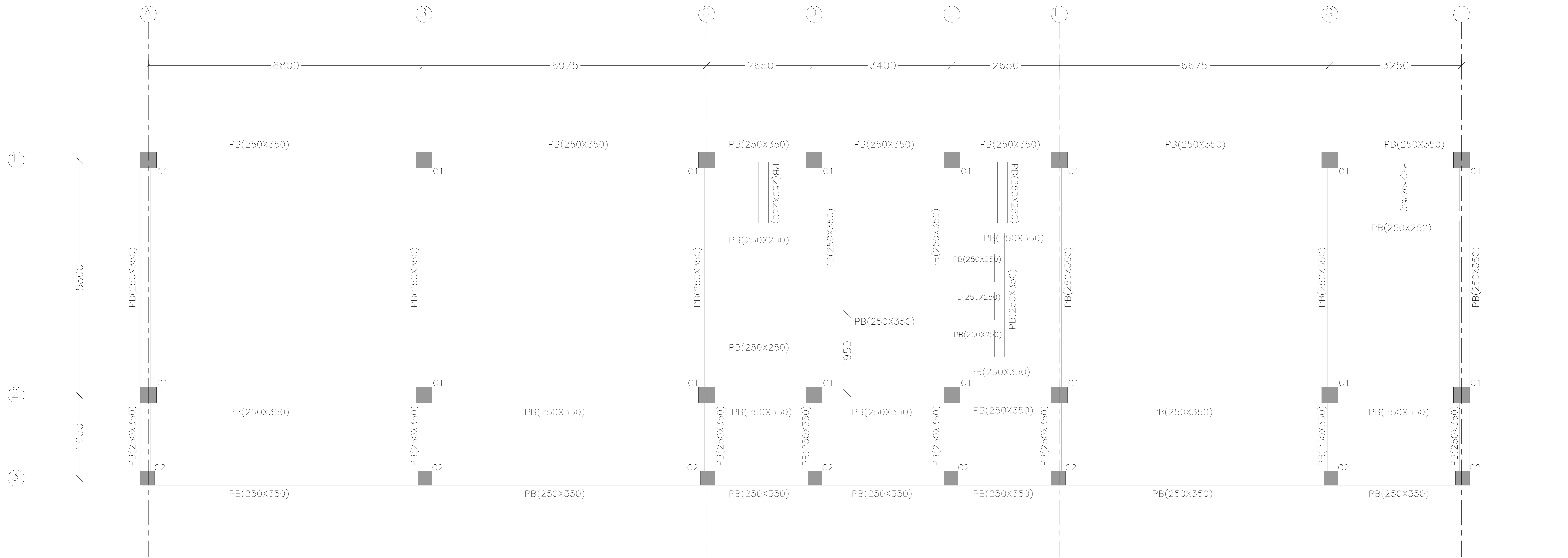
TYPE OF PROJECT:
 LANDSCAPE
 DESIGN

ARCHITECT:
 PS

CONSULTING ENGINEERS:

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 archimadeinteriors@gmail.com
 PLOT NO-780/2167, 3RD FLOOR,
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PLINTH BEAM FRAMING PLAN

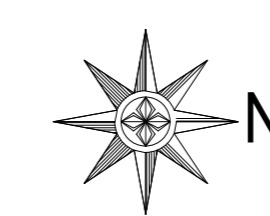
PROJECT:
CONSTRUCTION OF ADDITIONAL CLASSROOM AT KARANJAKATA, BOUDH, ODISHA.

NOTE:
1. ALL DIMENSIONS ARE IN (ft" inch").
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION.	BY.
06-02-2026	R0	APPROVAL	--

DRG. TITLE:
PLINTH BEAM FRAMING PLAN

DIRECTION:



SHEET NO.
3 TO 6

DATE:

06-01-2026

DRG. NO.
SI/ST/2025/11/116

DRAWN BY:
SKM

SCALE:

NTS

REV. NO.
R0

CHECKED BY:
RSH

CLIENT:
B.D.O,
HARBHANGA,
DIST-BOUDH.

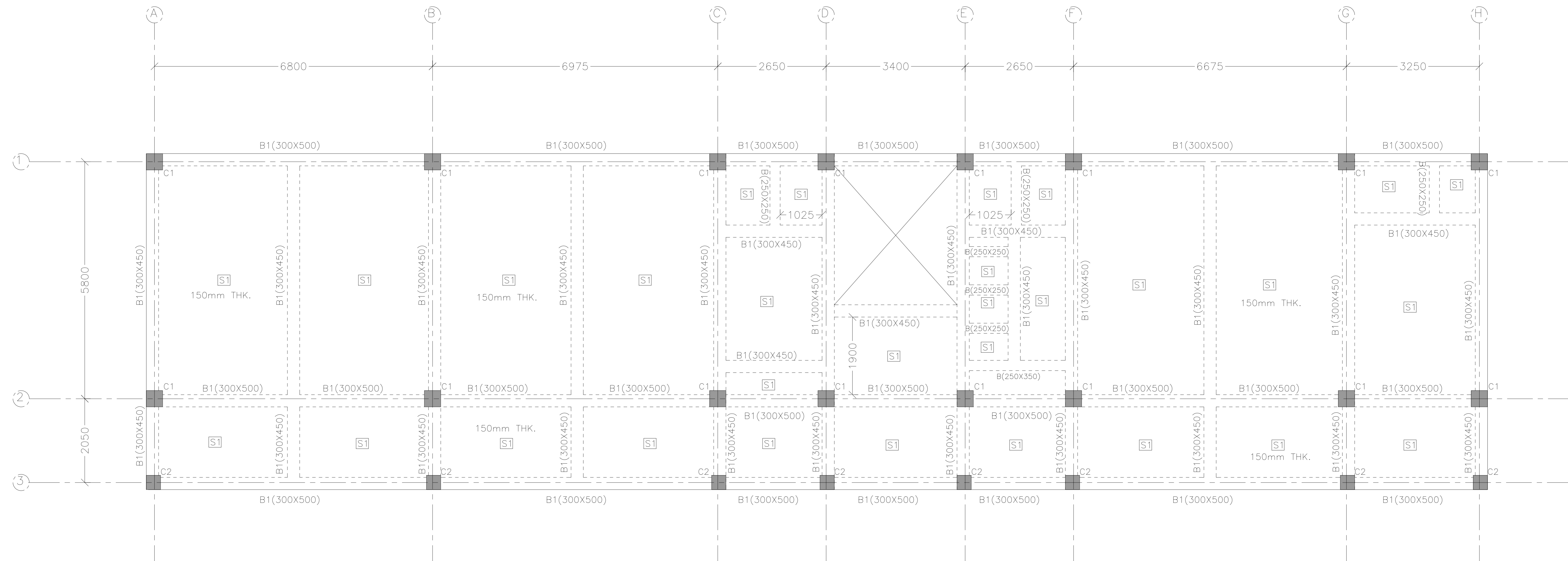
TYPE OF PROJECT:
LANDSCAPE DESIGN

ARCHITECT:
PS

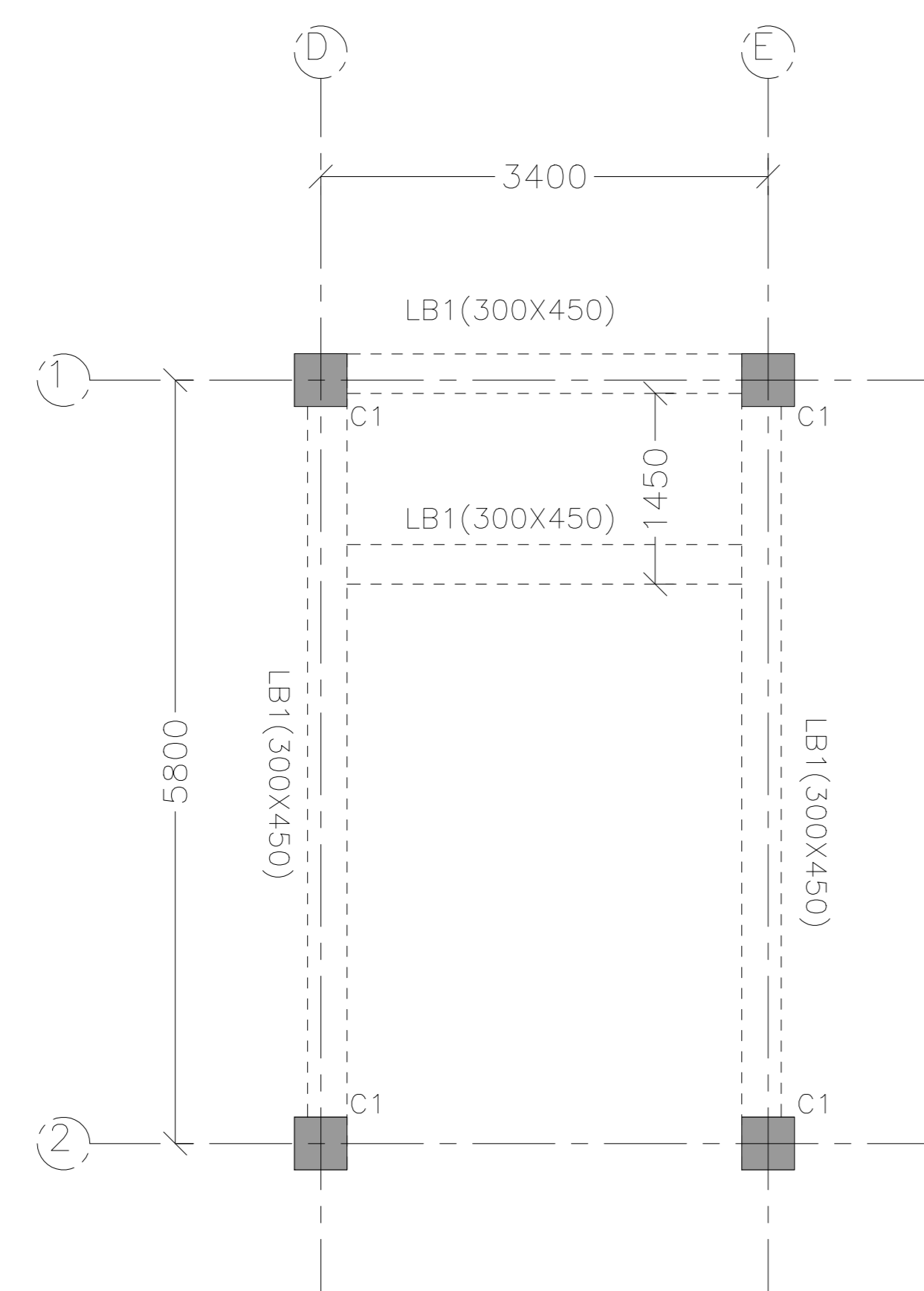
CONSULTING ENGINEERS:

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1ST FLOOR BEAM & SLAB FRAMING PLAN



LANDING BEAM AT GROUND FLOOR PLAN

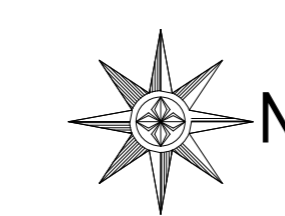
PROJECT:
CONSTRUCTION OF ADDITIONAL CLASSROOM AT KARANJAKATA, BOUDH, ODISHA.

NOTE:
1. ALL DIMENSIONS ARE IN (ft" inch").
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION	BY.
06-02-2026	R0	APPROVAL	--

DRG. TITLE:
1ST FLOOR BEAM & SLAB FRAMING PLAN

DIRECTION:



SHEET NO.
4 TO 6

DATE:
06-01-2026

DRG. NO.
SI/ST/2025/11/116

DRAWN BY:
SKM

SCALE:
NTS

REV. NO.
R0

CHECKED BY:
RSH

CLIENT:
B.D.O.,
HARBHANGA,
DIST-BOUDH.

TYPE OF PROJECT:
LANDSCAPE DESIGN

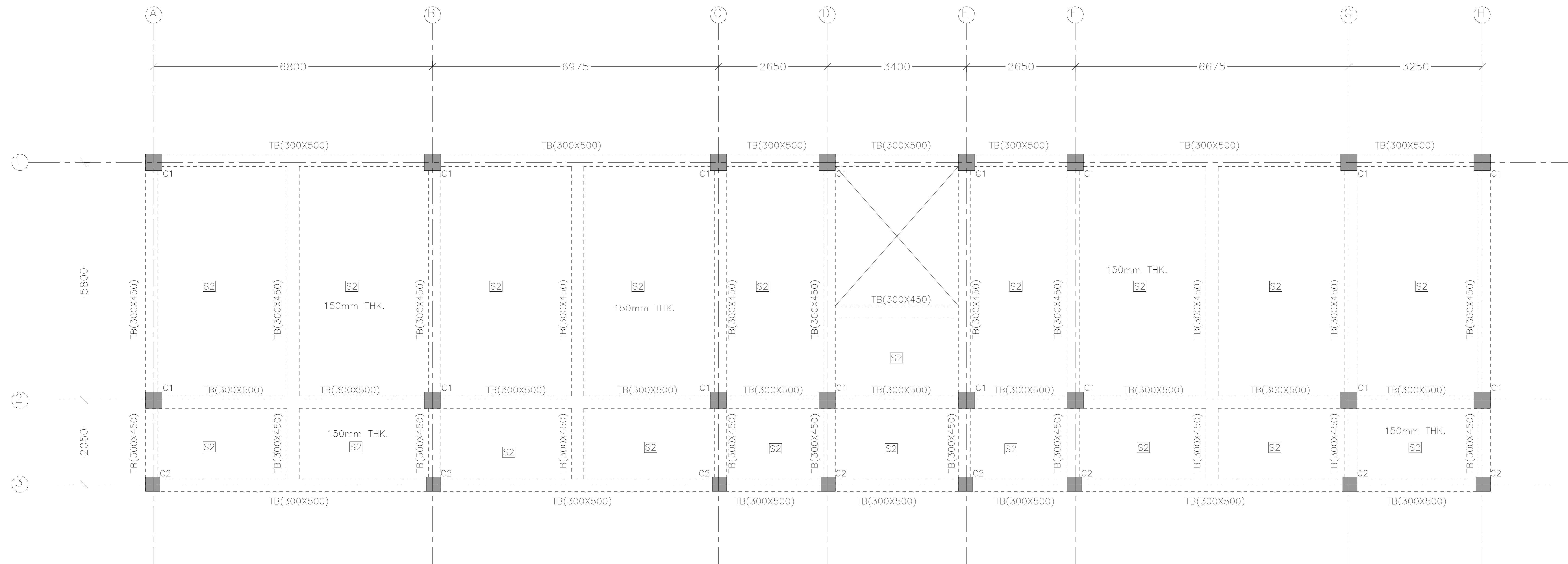
ARCHITECT:
PS

CONSULTING ENGINEERS:

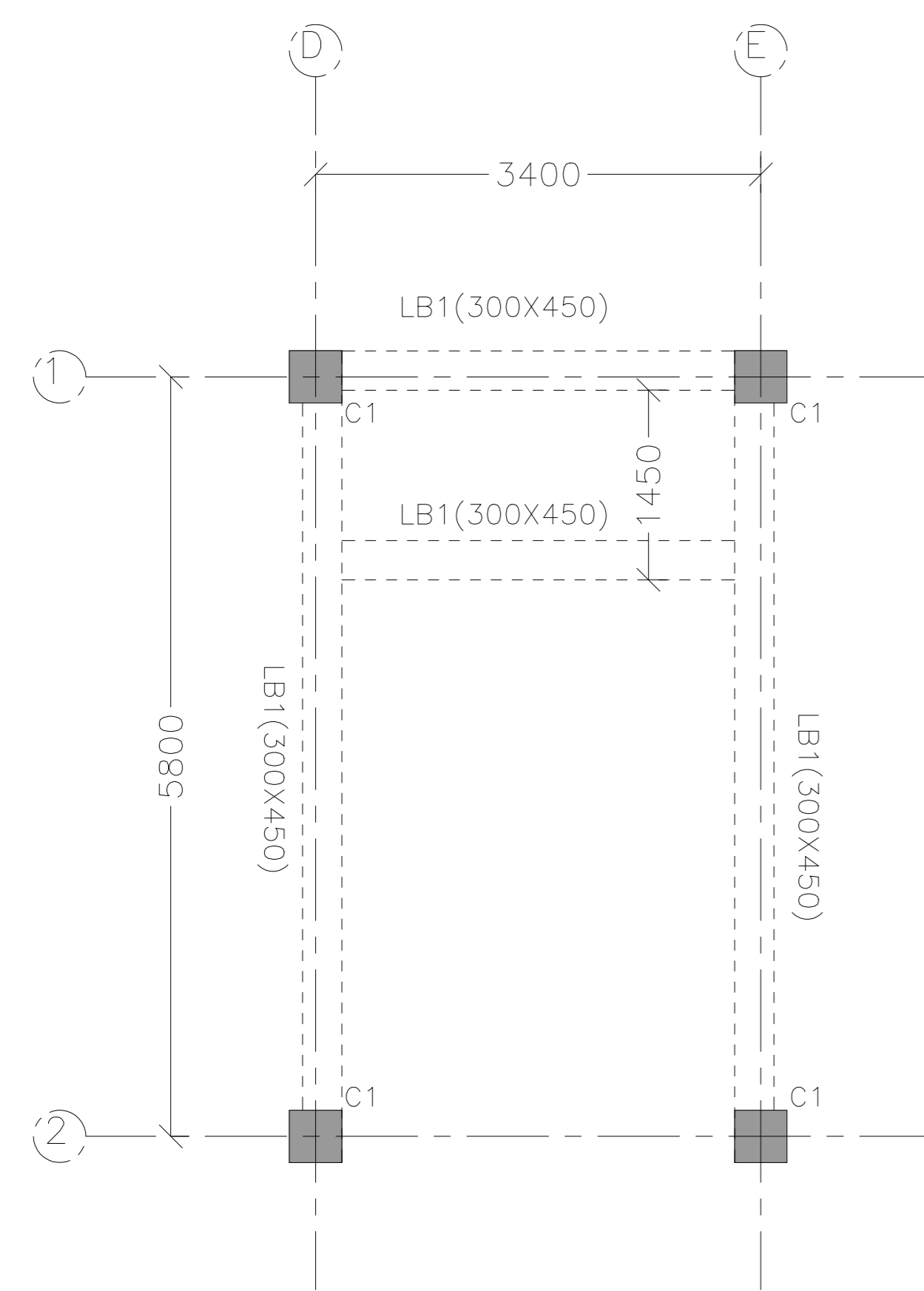
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TERRACE FLOOR BEAM & SLAB FRAMING PLAN



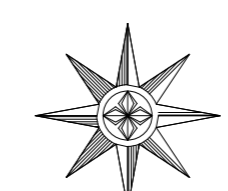
LANDING BEAM AT 1ST FLOOR PLAN

PROJECT:
CONSTRUCTION OF ADDITIONAL CLASSROOM AT KARANJAKATA, BOUDH, ODISHA.

NOTE:
1. ALL DIMENSIONS ARE IN (ft inch*).
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION.	BY.
06-02-2026	R0	APPROVAL	--

DRG. TITLE:
TERRACE FLOOR BEAM & SLAB FRAMING PLAN

DIRECTION:
 N

SHEET NO.
5 TO 6

DATE:
06-01-2026

DRG. NO.
SI/ST/2025/11/116

DRAWN BY:
SKM

SCALE:
NTS

REV. NO.
R0

CHECKED BY:
RSH

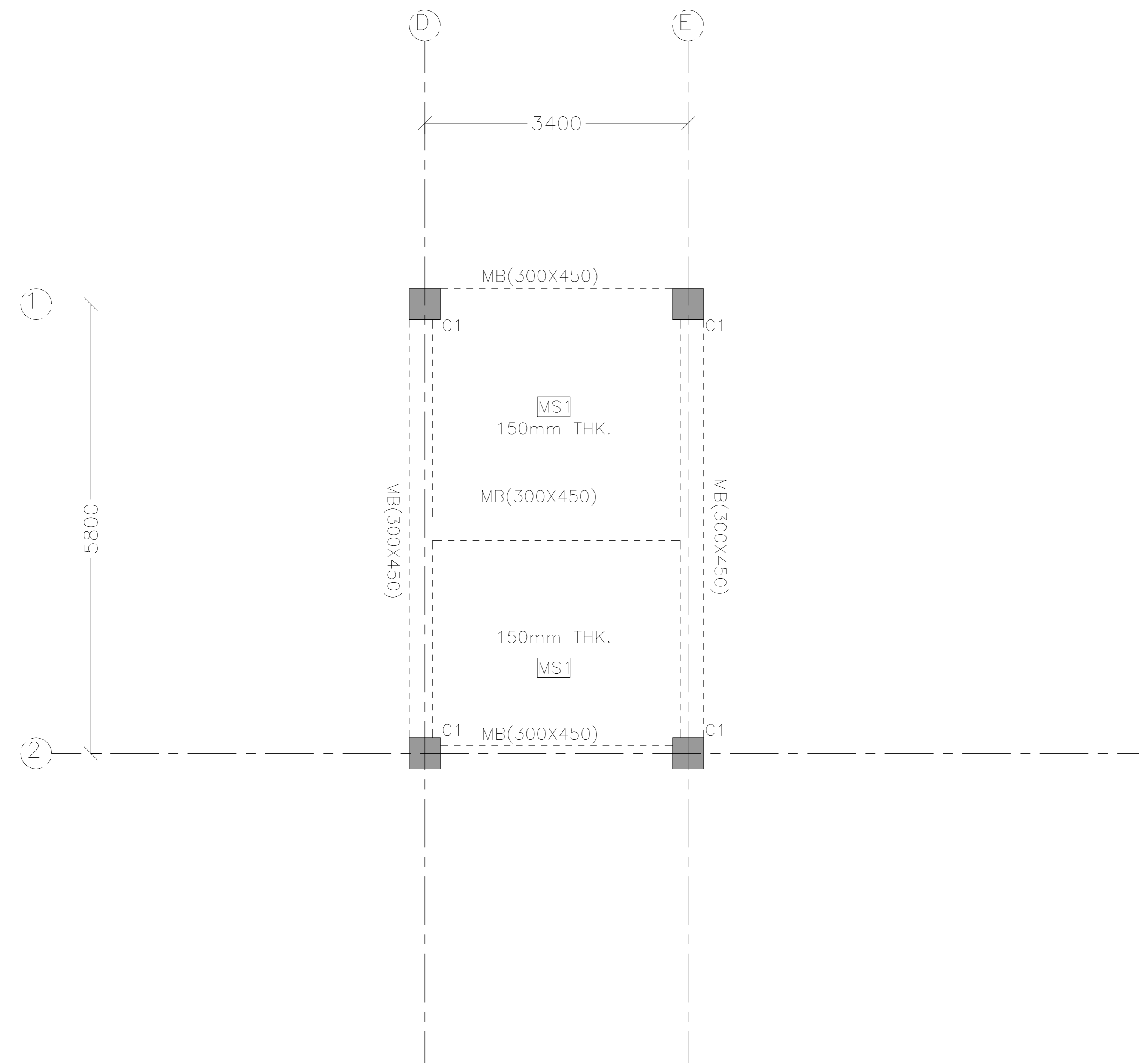
CLIENT:
B.D.O.,
HARBHANGA,
DIST-BOUDH.

TYPE OF PROJECT:
LANDSCAPE DESIGN

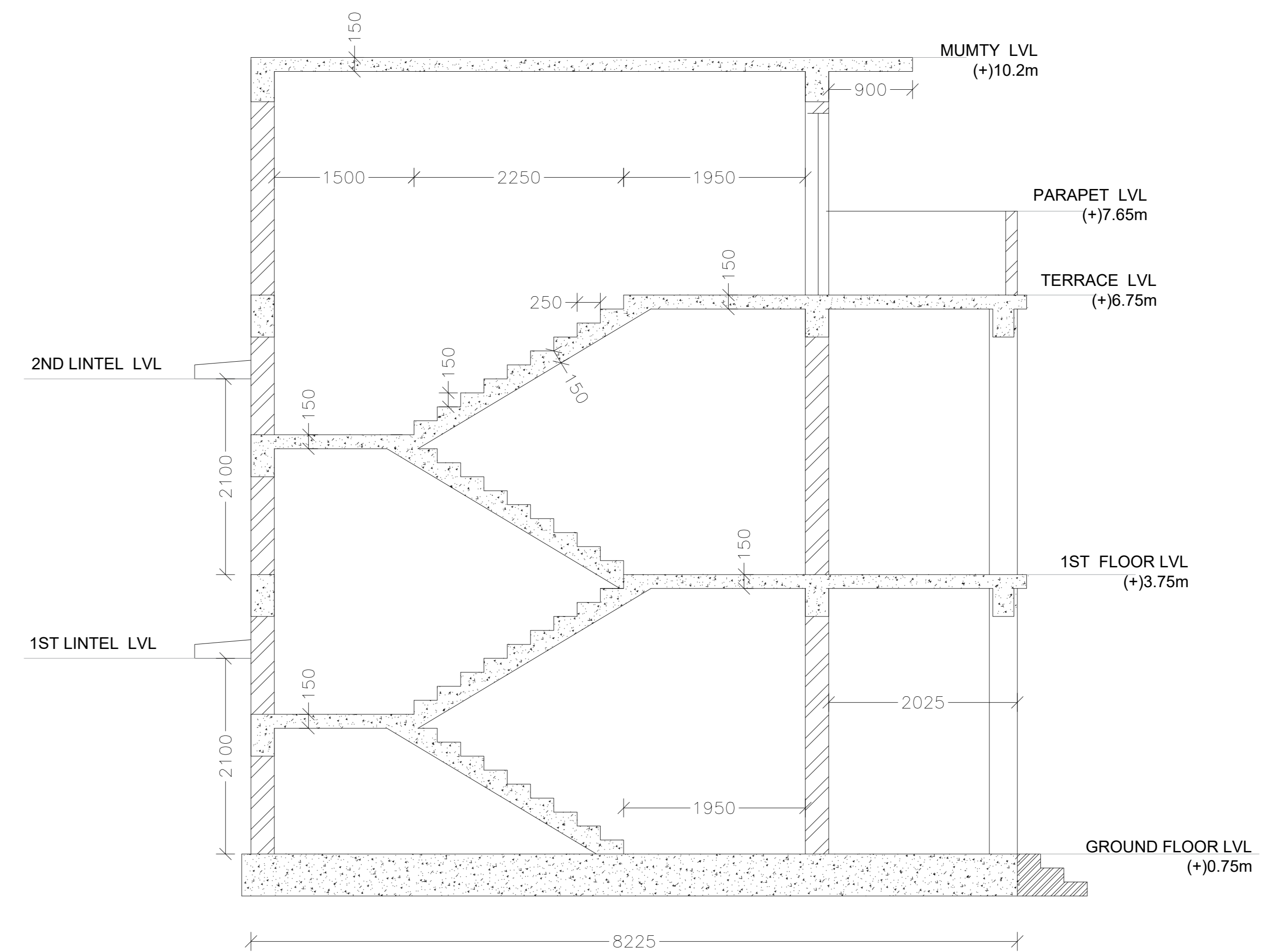
ARCHITECT:
PS

CONSULTING ENGINEERS:
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MUMTY BEAM & SLAB FRAMING PLAN



SECTION (X-X)

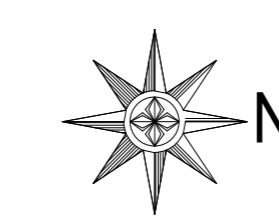
PROJECT:
CONSTRUCTION OF ADDITIONAL
CLASSROOM AT KARANJAKATA,
BOUDH, ODISHA.

NOTE:
1. ALL DIMENSIONS ARE IN (ft" inch").
2. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.

DATE	REV.NO.	DESCRIPTION.	BY.
06-02-2026	R0	APPROVAL	--

DRG. TITLE:
MUMTY
BEAM &
SLAB
FRAMING
PLAN

DIRECTION:



SHEET NO.
6 TO 6

DATE:

06-01-2026

DRG. NO.

SI/ST/2025/11/116

DRAWN BY:

SKM

SCALE:

NTS

REV. NO.

R0

CHECKED BY:

RSH

CLIENT:
B.D.O,
HARBHANGA,
DIST-BOUDH.

TYPE OF PROJECT:
LANDSCAPE
DESIGN

ARCHITECT:

PS

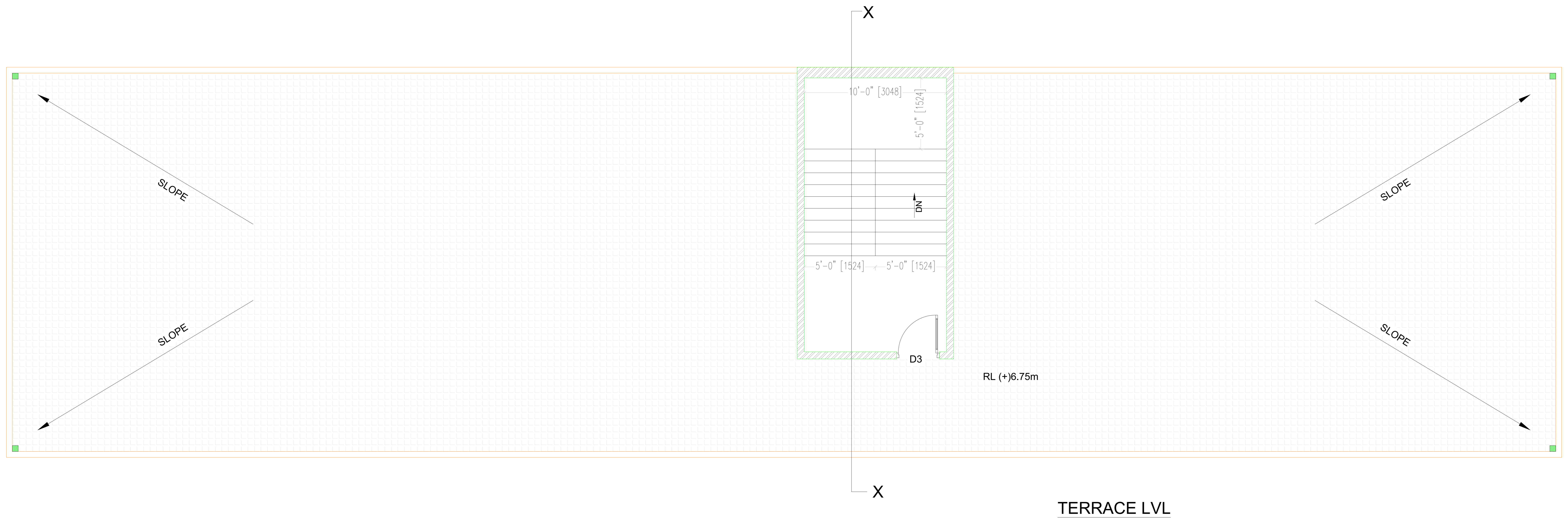
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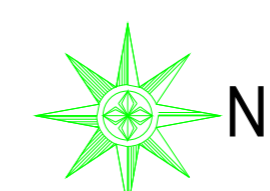


PROJECT:
 CONSTRUCTION OF ADDITIONAL
 CLASSROOM AT KARANJAKATA,
 BOUDH, ODISHA.

NOTE:
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DATE	REV.NO.	DESCRIPTION	BY.
06-01-2026	R0	APPROVAL	--

DRG. TITLE:
 TERRACE

DIRECTION:
 N

SHEET NO.
 3 TO 4

DATE:
 06-01-2026

DRG. NO.
 SI/ST/2025/11/116

DRAWN BY:
 SKM

SCALE:
 NTS

REV. NO.
 R0

CHECKED BY:
 RSH

CLIENT:
 B.D.O,
 HARBHANGA,
 DIST-BOUDH.

TYPE OF PROJECT:
 LANDSCAPE
 DESIGN

ARCHITECT:
 PS

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