



KOLHAN UNIVERSITY

CHAIBASA, WEST SINGBHOUM

JHARKHAND, PIN-833201

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Ref. No. KU/R/CCDC/.../21

Date 09/02/2021

निविदा आमंत्रण सूचना

कोल्हान विश्वविद्यालय, चाईबासा अंतर्गत को-ऑपरेटिव विधि महाविद्यालय, जमशेदपुर में विभिन्न पार्ट कंस्ट्रक्शन वर्क (असैनिक) के संपादन हेतु निविदा आमंत्रित की जा रही है जिसका विवरण निम्न प्रकार से है :-

क्र०सं०	निविदा संख्या	निविदा का नाम	अग्रधन राशि	परिमाण विपत्र की राशि (अप्रतिदेय)	अंतिम तिथि
01	KU/R/CCDC/189/2021 Dated 09/02/2021	को-ऑपरेटिव विधि महाविद्यालयों, जमशेदपुर विभिन्न पार्ट कंस्ट्रक्शन वर्क (असैनिक)	1,28,700/-	10,000/-	22/02/2021 (4:00 pm.)

- विशेष:-
1. उक्त निविदा में अंशग्रहण करने की तिथि 10.02.2021 से प्रारंभ है।
 2. निविदा दस्तावेज विश्वविद्यालय के वेबसाईट- www.Kolhanuniversity.ac.in में देखा जा सकता है।
 3. निविदा दस्तावेज कोल्हान विश्वविद्यालय, कुलसचिव कार्यालय में दिनांक- 10.02.2021 से 22/02/2021 समय-4:00 बजे तक समर्पित किया जा सकता है।
 4. निविदा संबंधित तकनीकी एवं वित्तीय बिड दो अलग अलग लिफाफा में भरते हुए एक लिफाफा के अंदर सही रूप से शील करते हुए समर्पित करें।
 5. निर्धारित समय अवधि उपरांत समर्पित दस्तावेज पर कारवाई नहीं की जाएगी।



कुलसचिव

कोल्हान विश्वविद्यालय, चाईबासा



BILL OF QUANTITY

Of

Different Civil Part Work at Co-operative Law

College Jamshedpur, Jharkhand

Special Terms & Conditions, Bill Of Quantities

(All Rates Are From S.O.R. Kolhan Division)



Different Civil Part Work at Co-operative Law College Jamshedpur, Jharkhand

ITEM OF WORKS GIVEN IN THE BOQ WITH RATE AS PER SCHEDULE OF RATES FOR KOLHAN DIVISION S.O.R. Jharkhand.

Overall % (percentage) plus (+) minus (-) or Equal should be given for schedule item and for non schedule item of work the tenderer should quote their rate item wise.

Tenderer are required quote their rates (not in Item) either one of the following three ways (strike out which are not applicable).

1. My/our quoted rates are..... percent below, the estimated rates mentioned in the bill of quantities for all schedule items.
2. My/our rates are equal to estimated rates as mentioned in the bill of quantities for all schedule items.
3. My/our rates are.....percentage above the estimated rates as mentioned in the bill of quantities for all schedule items.

The rates quoted shall remain valid for a period of 150 days from the date of opening of the tender.

Signature or the tenderer

Seal:

Place:

Date:

Note: Please quote the percentage both in words and figure for schedule items and of non schedule items tenderer should quote their rate item, wise both in words and figure.



SPECIAL TERMS AND CONDITIONS

INSTRUCTIONS TO THE TENDERERS:

1. The agreement will be signed in Form F-2 (Suitable modified) of PWD, Govt. of Jharkhand.
2. The tender should be valid for a period of 180 days from the date of opening of the tender.
3. Earnest money should be in shape of Demand Draft/Current National Saving Certificate/Fixed Deposit/Bank Guarantee/Term Deposit (3/5 yrs.) passbook in favour of "The Registrar", Kolhan University, Chaibasa issued from any nationalized/schedule bank situated in Jharkhand.
4. Technical Bid of the Tender will contain the following:-
 - A. Full details of the firm, Partnership deed, Proof of registration of the firm. In case of company the Articles/memorandum of Association & Registration of the company.
 - B. Bid Security/Earnest money.
 - C. Copy of Pan Card, G.S.T Certificate/NOC Etc.
 - D. Current Character Certificate.
 - E. Affidavit as regards the genuineness of the certificate attached and that the bidder will not sublet any works either in part or full to any other person, firm of company.
 - F. Audited Balance Sheet of last three years. Minimum turn Over from work at least equal to tender value of the work during any of the last three years.
 - G. Income Tax Returns for last three financial years.
 - H. Updated EPF Registration Certificate.
5. Financial Bid of the tender will contain the following:-
 - A. The tender will contain the price bid of the project under different heads as Detailed in the B.O.Q.
 - B. The Financial Bid of only those bidders who qualify in technical bid will be opened.



6. Cost of Tender document should be in the form of Bank Draft in Favour of "The Registrar, Kolhan University, Chaibasa.

7. The Tenderer should quote rates as percentage above or below (both in figure and word) for the rates of items given in the B.O.Q which are as per S.O.R. and for non schedule items, rate should be quoted item-wise. The overall rate quoted by the tenderer should not below 10% of the estimated cost, otherwise it will be treated as unworkable and tender will be rejected. Tenderer are requested to submit the sealed Technical and Financial bid in separate envelopes. Both the envelopes shall then be put in one outer envelope and it should be sealed. The envelop should be properly marked group no. and name of work.

8. Before submission of the Bid the Tenderer should get themselves fully acquainted with the site conditions and availability of construction materials and labour. No claim in this regard will be entertained.

9. The undersigned reserves the right to accept or reject any or all tenders without assigning any reason at any stage.

10. The detail information can be obtained from the office of the undersigned on working hours.

11. The estimate cost of the work may be increase or decrease.

12. The tenderer shall closely peruse all specifications & clauses, which cover the rates for which they are tendering taking in consideration that all workmanship and material, should be of relevant B.I. Standards.

13. The successful tenderer will have to make arrangement entirely at his own cost for water supply needed for the construction works and accommodation of his staff and workman engaged in the job, likewise he will also have to make his own arrangement entirely at his own cost for obtaining supply of electrical energy, but in this case the University shall extent him the necessary help by issuing letter of recommendations to the state electricity board.

14. A site order book shall be maintained which shall remain in the custody of the Engineer-in-charge or his representative and instruction at site shall be noted down by the consultant for compliance.

15. All materials to be used on site should be got approved before using the same for construction. In no case sub-standard materials or workmanship will be accepted.

16. The rates entered in the contract agreement shall be final and conclusive nothing extra beyond them shall be payable either on account of price hike, increase in taxation rates and increase in freights and fare etc.

17. The contractor shall engage technical staff for execution of the work as required and approved by the Engineer-in-charge.

18. The decision of the Engineer-in-charge in respect of the quality of materials and workmanship shall be final and conclusive upon the contractor.

19. The work to be completed in all respects within 120 days from the date of written order to commence the work.



Instructions to Bidders (For F2 CONTRACT)

A. Detailed instruction & documents to be furnished for bidding

1. Guidelines for Tender documents submission of bids can be downloaded from the website www.kolhanuniversity.ac.in .
2. Interested bidders can download the bid from the website www.kolhanuniversity.ac.in.
3. Bidders have to submit their bids through envelope format. No proposal will be accepted in physical form (Please refer NIT).
4. Bids will be opened offline as per time schedule mentioned in the NIT.
5. Bidders should be ready with the photo copy of cost of documents & EMD as Specified in the tender documents. Before submission of offline bids, bidders must ensure that scanned copies of all necessary documents have been attached with bid.
6. Bidders have to produce the original Demand Draft towards tender fee & EMD as mentioned in N.I.T to the Register/Procurement officer during the period & time as mentioned in the NIT failing which bid will not be accepted. The details of cost of documents, EMD specified in the tender documents should be the same as submitted offline (Photo copy) otherwise tender will summarily be rejected.
7. Photo copy documents of the successful bidder will be verified with the original before signing the agreement. The successful bidder has to provide the originals to the concerned authority.
8. The University will not be responsible for any delay offline submission due to any reason what so ever.
9. All required information for bid must be filed and submitted.
10. Other details can be seen in the bidding documents.
11. Bidder have to procedure the original demand draft towards tender fee & EMD in the shape of D.D./Bank grantee/F.D/T.D.R in favour of Registrar Kolhan University, Chaibasa.



B. Details of Documents to be furnished for bidding:

- I. Photo copy of the following documents to be submitted hard copy in technical Bid in envelop.
 - I. D.D. towards Tender fee in Favour of Registrar, Kolhan University, Chaibasa, payable at Chaibasa.
 - II. Duly pledged EMD in Favour of Registrar, Kolhan University, Chaibasa.
 - III. No Objection Certificate, from 106 and certified copy of Annual return filed In deptt. of Commercial Tax.
 - IV. PAN Card & G.S.T Registration Certificate
 - V. Letter of Registration.
 - VI. Character Certificate issued by competent authority.
 - VII. Income Tax Returns for last three financial years.
 - VIII. Audited Balance sheet of last three years. Minimum turn Over work at least equal to tender value of the work during any of the last three years.
 - IX. Valid Electrical Licence.
 - X. Works experiences of at least one single similar work of 50% of tender value during any of the last three years. Completion certificates of works executed during last 3 years to be uploaded.
 - XI. Works Programme and methodology of construction with detailed calculation of equipment and personnel planning to show the completion of the work within stipulated time.
 - XII. Updated EPF Registration Certificate
 - XIII. Bidder's Banker details
 - XIV. Undertaking Regarding Bidder Associate with Consultant or Not
 - XV. Litigation History
 - XVI. Bid validity 180 days.
2. Photo copy of the certificate showing details of machineries owned or possessed on hire should be uploaded after converting the same to hard copy format.
 3. Affidavit stating bidder's agreement with the general rules, conditions of contract, and special conditions of contract must be submitted with bid in pdf Format. The bidder who disagrees on the conditions will not be eligible to participate in the tender.
 4. Affidavit regarding arranging other required equipment and personnel in the format appended with the bid document should be submitted in the pdf format.
 5. Duly filled in signed BOQ.
 6. Photo copy documents of successful bidder will be verified with the original before signing the agreement. The successful bidder has to provide the originals to the concerned authority on receipt of such letter, which will be sent though registered post or delivered by hand.
 7. Each submitting a bids shall be signed by the bidders.


Registrar

Kolhan University, Chaibasa

Kolhan University, Chaibasa

Notice Inviting Tender

(Short Tender Notice)

Open Tender Reference No. KU/R/ECDC/189/2021

Dated: 09/02/2021....

The undersigned, on behalf of the Governor of Jharkhand, Invites percentage rate bids for the work mentioned in table below through Open Tender from eligible and approved Contractors, registered in appropriate class with Building Construction Department, Government of those contractors who are not registered with Building Construction Department, Government of Jharkhand are also permitted to take part in tender process. In such case the contractor should be registered in any state Government/Central Government /Public sector /Kolhan University Unit /Undertaking in appropriate class in Building Construction. However such contractors in the event of award of work will have to get registered with building construction Department, Government of Jharkhand within a period of 04(four)Months from date of award of contract.

S.no.	Name of the work	Estimated Cost	Earnest Money	Cost of Tender Paper	Cost of Contractor Eligibility	Time Of completion	Name of the concerned office
01.	Civil Construction Part work at Co-operative Law college, Jamshedpur	6434618	1,28,700	10,000	appropriate	06 Months	Registrar Kolhan University, Chaibasa



2. Period of availability of tenders date & time of bidding on-line/last date of seeking clarification/date of opening of tender papers are as given below-

Sl.No.	Procurement Officers	Place of Opening	Availability of tender onsite for Bidding		Date & Time of Opening of tender
1	2	3	4	5	6
1.	Registrar, Kolhan University, Chaibasa	Kolhan University, Chaibasa	10.02.2021	22.02.2021

3. Agreement with Bidders selected through e-procurement shall be eventually drawn in PWD form No. F2.

4. The work shall be completed in all respect in 45 days from the date of written order to commence the work. The items of work, plan, specifications or any information in connection with work can be seen in the office of the Registrar, Kolhan University, Chaibasa on any working day during office hours before submitting bid.

5. Cost of tender/bidding document in the shape of demand draft issued by any Nationalised Bank in favour of Registrar, Kolhan University, Chaibasa payable at Chaibasa and cost of earnest money in the shape of Bank guarantee in prescribed Performa as per annexure-I from any scheduled public sector Bank and valid for 180 (one hundred eighty) days from the date of receipt of tender of 6 ½ Years National Saving Certificate (8th issue) or 3/5 Years Post Office Time Deposit duly pledged from any Post Office within the State of Jharkhand in favour of Registrar, Kolhan University, Chaibasa shall be deposited duly pledged from any Post Office within days between 10/02/2021/ to 22/02/2021 upto 4:00 pm either by registered post/speed post or by hand. Only those applications will be entertained who cost of tender paper and earnest money is received before 4:00 pm on 22/02/2021 The Registrar will inform the Open Tender Cell that he/she has received the cost of tender/bidding document and cost of earnest money before opening of the bid. The University will not be responsible for the postal delay, if any in the delivery of the document or non-receipt of the same.

Insurance Guarantee Bond/Cash/Cheque/Bank Draft in place of those specified for EMD shall not be accepted.

5.1. Duly pledged Earnest Money, If any, lying with the concerned officer against work already completed shall not be adjusted by transfer. In such case the tenderer is required to get the same refunded/released and then deposit the same as mentioned in section-5 above, duly pledged afresh for the work for which tender is filled.

5.2. Tender not accompanied with required Earnest Money in the prescribed manner shall be rejected outright and will not be evaluated.



5.3. Clauses 5.1 and 5.2 shall not apply to tenderer (s) who are exempted from depositing E.M. but such tender (s) must deposit photo state copy of the exemption certificate issued by the competent authority in such to Procurement Officer.

6. In case the overall rates quoted by the tenderer/bidder is more than 10 (ten) % below of B.O.Q rates on overall items, this shall be treated as un-workable & the tender shall be treated as invalid tender.

7. It will be obligatory on the part of the tenderer to keep their offer open for acceptance for a period of 180 days from the date of opening of the tender.

8. Tenderer (s) shall submit photo copy of his/her/their Registration & exemption certificate (if any) in absence of which the tender (s) may not be considered.

9. Photo copy of PAN card, Sales Tax/Income Tax clearance certified, Labour License, work programme & Letter of Registration as contractor shall be uploaded by the tenderer or otherwise it may be rejected.

10. Authority reserves the right to reject any or all the tender (s) received or to allot the work to one or more contractor (s) without assigning any reasons thereof.

11. In the case of successful tenderer (herein after called contractor) the amount of E.M. will be transferred towards Initial Security deposit in such a manner so that the security deposit will form part of 5% of the approval amount of the approved tender & the remaining 5% shall be recoverable from the subsequent bills of the contractor.

12. The Earnest Money of the successful tenderer (hereinafter called the contractor) which accompany the tender will be forfeited in case the tenderer declines to sign the agreement or fails to deposit Security Money within 10 days of being called upon to do so.

Those contractors, who are exempted from depositing E.M., will deposit initial security money within 10 days of being called upon to do so. If they fail to do so or decline to sign the agreement within the stipulated period, the requisite sum of money will be forfeited by way of adjustment from any sum to be paid to him by the department for other works, including his security money and in addition he may be Black Listed and subsequently his registration may be cancelled.

13. The N.I.T along with general rules, conditions of contract and special conditions of contract copies of which are available on the website :-

www.kolhanuniversity.ac.in will form part for the Contract Document.

14. It is essential for the tenderer (s) to have ownership/deed of hire ship of the following

Machineries in working conditions:-

- I. Concrete Mixture
- II. Vibrator
- III. Other equipment related to building construction.



15. Tenderer (s) are required to upload with their tenders authorized and valid certificates Regarding their ownership/deed of hire ship of the machineries mentioned in clause 14 above, failing which their claim for allotment of the work may be rejected.
16. Payment against works will be made subject to availability of fund.
17. Only Open tenders will be accepted.
18. Amount of BOQ may increase or decrease.


Registrar

Kolhan University, Chaibasa



BILL OF QUANTITY
OPERATIVE LAW COLLEGE, JAMSHIEDPUR

TOTAL OF 123 Nos SCHEDULE ITEM		
TOTAL OF SCHEDULE AND NON SCHEDULE ITEMS 123 NOS		
AMOUNT OF BOQ	Rs	5,688,311.87
PERIOD OF COMPLETION		18 MONTHS
12% GST	Rs.	682,597.42
TOTAL COST	Rs.	6,370,909.30
1% LABOUR CESS	Rs.	63,709.09
Total Cost of BOQ With GST and Labour Cess		<u>6,434,618.39</u>
ELECTRICAL WORK	Rs.	87,110.14
PLUMBING AND SANITARY WORK	Rs.	122,284.87
BRICK WORK	184,995 Cum	
EARTH WORK	615,341 Cum	
CEMENT CONCRETE WORK(PCC+RCC)	222.98 Cum	

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GFB

Total of 123 Nos SCHEDULE ITEM

SRL	ITEM	Description	Civil Quantity	Total Qty	Unit	Rate (Rs)	Rate in words	Total Amount (Rs.)
1	5.1.1	Earthwork in excavation in foundation trenches in ordinary soil (vide classification of soil item - A) and disposal of excavated earth a obtained to a distance up to 50M including all lifts with leveling ramming the foundation trenches removing roots of trees shrubs all complete as per approved design and per building specification and direction of E/I.	334,341	334.34	m ³	109.36	Rupees One Hundred Nine - Paise Thirty Six Only	36563.53
2	5.1.2	Extra for earthwork in hard soil as per specification and direction of E/I(Vide classification of soil item B)	334.341	334.34	m ³	11.17	Rupees Eleven - Paise Seventeen Only	3734.59
3	5.1.7	Earth filling in foundation trenches and plinth in layer not exceeding 150mm thick will watered rammed fully compacted and fine dressed with earth obtained from excavation of foundation trenched with a lead of 50mm and lift of 1.5M all complete as per building specification and direction of E/I. (Mode of measurement compacted volume).	222.894	222.89	m ³	39.82	Rupees Thirty Nine - Paise Eighty Two Only	8875.64
4	5.1.8	Filling in foundation trenches and plinth in layer not exceeding 150mm thick will watered rammed fully compacted and fine dressed with earth obtained after cutting within a lead of 50mm and lift of 1.5M all complete as per building specification and direction of E/I. (Mode of measurement compacted volume).	281.580	281.58	m ³	92.84	Rupees Ninety Two - Paise Eighty Four Only	26141.89
5	5.1.10	Providing coarse clean sand in foundation trenches or in plinth including ramming and watering in layers not exceeding 150 mm thick with all leads and lifts including cost of all materials, labour, royalty and taxes all complete as per building specification and direction of E/I	38.511	38.51	m ³	223.35	Rupees Two Hundred Twenty Three - Paise Thirty Five Only	8601.43
6	5.2.6	Providing designation 75B work in c.m. (1:6) in foundation and plinth with approved quality of clean coarse sand of F.m 2 to 2.5 including providing 10mm thick mortar joints, cost of screening materials raking out joints to 15mm depth, curing taxes and royalty all complete as per building specification and direction of E/I.	24,503	24.50	m ³	3750.37	Rupees Three Thousand Seven Hundred Fifty - Paise Thirty Seven Only	91895.32
7	5.2.14	Providing designation 75B Brick work in c.m. (1:6) superstructure and plinth with approved quality of clean coarse sand of F.M. 2 to 2.5 including providing 10mm thick mortar joints, cost of screening materials, scaffolding raking out joints to 15mm depth, curing taxes and royalty all complete as per building specification and direction of E/I.	116.100	116.10	m ³	3846.77	Rupees Three Thousand Eight Hundred Fourty Six - Paise Seventy Seven Only	446610.00

2.23		Providing 125 mm thick REINFORCED DESIGNATION 75 A BRICK WORK in C.M. (1:4) in SUPERSTRUCTURE with approved quality of clean coarse sand of F.M. 2 to 2.5 including the cost of screening, carriage of materials, scaffolding raking out joints to 15 mm depth curing, taxes and royalty (but excluding the cost of reinforcement all complete as per building specification and direction of E/I	9.653	9.65	M2	512.03	Rupees Five Hundred Twelve - Paise Three Only	4942.63
9	5.3.3	Providing PCC M-100 with nominal mix of(1:3:6)in Fondationand plinth with approved quality of stone metal grade -III (50mm to 25mm)size clean coarse sand F.M. 2.5 to 3 including screening, shuttering, vibrating, striking, curing taxes and royalty all complete as per building specification and direction of Engineer-in-charge .	38.511	38.51	m ³	3876.35	Rupees Three Thousand Eight Hundred Seventy Six - Paise Thirty Five Only	149282.11
10	5.3.5.1	Providing R.C.C. M-200 with normal mix of (1:1.5:3) in foundation and plinth with approved quality of stone chips 20mm to 6mm size graded and clean coarse sand of F.M. 2.5 to 3 including screening, shuttering, mixing cement concrete in mixer and placing in position vibrating, skirting, curing, (but excluding the cost of reinforcement, taxes and royalty all complete job as per building specification and direction of E/I.	58.169	58.17	m ³	5829.00	Rupees Five Thousand Eight Hundred Twenty Nine Only	339067.10
11	5.3.6.1	Providing R.C.C. M-200 in band at plinth level with nominal mix of (1:1.5:3) of approved quality of stone chips 20mm to 6mm size graded and clean coarse sand of F.M. 2.5 to 3 including screening, shuttering, mixing cement concrete in mixer and placing in position vibrating, skirting, curing, (but excluding the cost of reinforcement, taxes and royalty all complete job as per building specification and direction of E/I.	24.995	25.00	m ³	6360.23	Rupees Six Thousand Three Hundred Sixty - Paise Twenty Three Only	158973.95
12	JR 5.3.7.1	Providing R.C.C.M-200 with nominal mix of (1:1:52:3) in band at lintel level with approved quality of stone chips 20mm to 6mm size graded and clean coarse sand of F.M. 2.5 to 3 including screening, shuttering, mixing cement concrete in mixer and placing in position vibrating, skirting, curing, (but excluding the cost of reinforcement, taxes and royalty all complete job as per building specification and direction of E/I.	7.053	7.05	m ³	6393.51	Rupees Six Thousand Three Hundred Ninety Three - Paise Fifty One Only	45095.02
13	5.3.8.1	Providing R.C.C. M-200 with nominal mix of (1:1.5:3) in lintel with approved quality of stone chips 20mm to 6mm size graded and clean coarse sand of F.M. to 3 including screening, shuttering, mixing cement concrete in mixer and placing in position vibrating, skirting, curing, (but excluding the cost of reinforcement, taxes and royalty all complete job as per building specification and direction of E/I.	1.843	1.84	m ³	7340.05	Rupees Seven Thousand Three Hundred Forty - Paise Five Only	13527.71
14	5.3.9.1	Providing R.C.C. M-200 with nominal mix of (1:1.5:3) in roof slab with approved quality of stone chips 20mm to 6mm size graded and clean coarse sand of F.M. to 3 including screening, shuttering, mixing cement concrete in mixer and placing in position vibrating, skirting, curing, (but excluding the cost of reinforcement, taxes and royalty all complete job as per building specification and direction of E/I.	38.414	38.41	m ³	7523.28	Rupees Seven Thousand Five Hundred Twenty Three - Paise Twenty Eight Only	289000.22
15	5.3.11	Providing R.C.C. M-200 with nominal mix of (1:1½:3) in beam of all types with approved quality of stone chips 20mm to 6mm size graded and clean coarse sand of F.M. to 3 including screening, shuttering, mixing cement concrete in mixer and placing in position vibrating, skirting, curing, (but excluding the cost of reinforcement, taxes and royalty all complete job as per building specification and direction of E/I.	26.330	26.33	m ³	8224.42	Rupees Eight Thousand Two Hundred Twenty Four - Paise Fourty Two Only	216548.98

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16	5.3.14	Providing R.C.C.M 200 with Nominal mix of (1:1½:3) in Columns with approved quality of stone chips 20mm to 6mm size graded and clean coarse sand of F.M. to 3 including screening, shuttering, mixing cement concrete in mixer and placing in position vibrating, skirting, curing, (but excluding the cost of reinforcement, taxes and royalty all complete job as per building specification and direction of E/L.	16.587	16.59	m³	6972.73	Rupees Six Thousand Nine Hundred Seventy Two - Paise Seventy Three Only	115656.67
17	5.3.15.1	Providing av 63 mm thick RCC M-200 with nominal mix of (1:1:5:3) chajja with approved quality of stonstone chips 20 mm to 6 mm size graded and clean coarse sand of F.M. 2.5 to 3 including drip course in concrete screening centering shuttering and mixing cement concrete in mixer and placing in position vibrating, striking, 6mm cement plaster (1:4) in ceiling and sides of chajja with sand of FM. 1.5 curing (But excluding the cost of reinforcement) taxes, and royalty all complete as per builind specification and direction of E/L	10.800	10.80	m2	990.51	Rupees Nine Hundred Ninety - Paise Fifty One Only	10697.51
18	5.3.16.1	Providing 25 mm thick damp proof course with cement concrete M-200 with nominal mix of (1:1.5:4) with approved quality of stone clips of 20 mm to 6 mm size graded and clean coarse sand of F.M 2.5 to 3 including screening, shuttering, mixing cement concrete in mixer with 5% cico or any other approved water prffing compound and placing in position, striking, cutting, taxes and rayalty all complete, as per building specification and direction of E/L.	28.820	28.82	m2	172.89	Rupees One Hundred Seventy Two - Paise Eighty Nine Only	4982.69
19	5.3.18.1	Providing R.C.C M-200 with nominal mix(1:1.1.5:3) in stair case with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of FM 2.5 to 3 including centering, shuttering, screening mixing cement concrete in mixer placing in position, vibrating, skirting, curing taxes and royallty all complete as per building specification and direction of E/L.	6.939	6.94	m3	11817.67	Rupees Eleven Thousand Eight Hundred Seventeen - Paise Sixty Seven Only	82002.81
20	JR 5.4.40	Supplying , fitting and fixing 30mm thick solid core type non decorative single leaf flush door shutter with both sides decorative veneered with board core bended with high quality phenol formal dehydyes synthetic resin of standard make with aluminium fittings such as hinges, tower bolts , handle , cleats and sand blocks and taxes all complete as per buillind specification and direction of E/L.	22.050	22.05	M2	1315.21	Rupees One Thousand Three Hundred Fifteen - Paise Twenty One Only	29000.38
21	5.5.1	Providing Reinforcement (round bars conforming to IS 432 dia in mm (IS 2062 Gr A) of 6 mm & 8 mm dia rods as per approved design and drawing excluding carriage of bars to work site, cutting, bending and binding with annealed wire with cost of wire removal of rust placing the rods in position all complete as per building specification and direction and direction of E/L.	0.017	0.02	MT	58849.54	Rupees Fifty Eight Thousand Eight Hundred Fourty Nine - Paise Fifty Four Only	994.13
22	5.5.4	Providing TMT steel reinforcement 8mm dia rods to 10mm dia as per approved design and drawing excluding carriage of M.S. roads (Straight or in coils) to work site, cutting, bending end binding with annealed wire with cost of wire removal of rust placing the rods in position all complete as per building specification and direction of E/L.8mm/10mm	7.469	7.47	MT	65841.84	Rupees Sixty Five Thousand Eight Hundred Fourty One - Paise Eighty Four Only	491772.70
23	5.5.5+5.5.6	Providing TMT steel reinforcement 12mm dia rods to 20mm dia as per approved design and drawing excluding carriage of M.S. roads (Straight or in coils) to work site, cutting, bending end binding with annealed wire with cost of wire removal of rust placing the rods in position all complete as per building specification and direction of E/L. 12mm to 20mm	12.905	12.91	MT	63762.52	Rupees Sixty Three Thousand Seven Hundred Sixty Two - Paise Fifty Two Only	822855.32

		Supplying, fitting & fixing M.S. GRILL made of 20 x 6 mm flat as per approved design and drawing properly fabricated with joints continuous fillet, welded and finished smooth, carriage of grill to work site hoisting as per building specification and direction of R/I (where materials is not supplied by the depth.)	660.938	660.94	per /kg	73.74	Rupees Seventy Three - Paise Seventy Four Only	48737.53
25	5.5.13	Providing & fixing FAN HOOK of 16 mm dia M.S. bar, 1 M long bent to required size and shape, placed in position and fluid in the R.C.C. slab-beam at the time of casting all complete as per building specification and direction of E/I. (where material is not supplied by depth)	20.000	20.00	Nos	114.31	Rupees One Hundred Fourteen - Paise Thirty One Only	2286.20
26	5.5.14	Supplying, fitting and fixing collapsible gate of approved size and make properly fabricated with vertical double channels 20 x 10 x 2 mm at 100mm. centres and braced with M.S. flat diagonals 20 x 3mm with top and bottom rails of T.iron 40x40x6mm with 38mm dia steel pulleys complete with bolts, nuts, locking arrangements, stoppers, handles, including applying a priming coat of red lead paint, carriage, hoisting and taxes all complete as per building specification and direction of E/I.	32.055	32.06	m2	4324.55	Rupees Four Thousand Three Hundred Twenty Four - Paise Fifty Five Only	138623.45
27	5.6.3	Providing designation 75B one brick flat soling joints filled with local sand including cost watering taxes and royalty all complete as per building specification and direction of E/I.	575.809	575.81	m2	231.26	Rupees Two Hundred Thirty One - Paise Twenty Six Only	133161.59
28	DSR 4.17	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement:3 coarse sand (zone - III) : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	40.338	40.34	m2	589.49	Rupees Five Hundred Eighty Nine - Paise Fourty Nine Only	23778.85
29	5.6.19	Providing and laying 25 mm thick kotah stone slab flooring of approved size, texture and colour over 19 mm thick base of lime mortar (1:1:1) (lime putty: surkhi : coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing to granolithic finish with approved quality of carborandum stone including cost of curing, taxes and royalty all complete as per building specification and direction of E/I. kotah stone slab(600x600). 2400 WIDE CORRIDOR+COMMON AREA	87.922	87.92	m2	1455.17	Rupees One Thousand Four Hundred Fifty Five - Paise Seventeen Only	127941.46
30	5.6.20	Providing and laying 25 mm thick kotah stone tiles in risers of steps, skirting and pillars of approved size, texture and colour laid over 12 mm thick base of cement mortar (1:3) and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing to granolithic finish with approved quality of carborandum stone including cost of curing, taxes and royalty all complete as per building specification and direction of E/I. kotah stone tiles in risers os steps, skirting and pillars of approved size.GROUND TO FIRST. 2400 CORRIDOR+COMMON AREA	8.134	8.13	m2	1472.60	Rupees One Thousand Four Hundred Seventy Two - Paise Sixty Only	11978.64
31	5.6.23.4	Providing and laying 6 mm precast colour glazed tiles in walls over 12 mm cement mortar (1:3) and jointed with white cement slurry flush pointed with white cement including rubbing, polishing and cost of curing taxes, and royalty all complete as per building specification and direction of E/I with grade A coloured 15cm x15cm tiles. colour glazed tiles in walls over.GROUND FLOOR.WC	46.907	46.91	m2	1074.45	Rupees One Thousand Seventy Four - Paise Fourty Five Only	50399.01

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33	5.7.3	Providing 12mm thick cement plaster(1:6) with clean coarse sand of F.M1.5 including screening , curing with all leads and lifts of water,scaffolding taxes and royalty with all complete as per building specification and direction of E/I.	355.842	355.84	m2	124.60	Rupees One Hundred Twenty Four - Paise Sixty Only	44337.88
33	5.7.3	Providing 12mm thick cement plaster(1:6) with clean coarse sand of F.M1.5 including screening , curing with all leads and lifts of water,scaffolding taxes and royalty with all complete as per building specification and direction of E/I.	667.003	667.00	m2	124.60	Rupees One Hundred Twenty Four - Paise Sixty Only	83108.57
34	5.7.6	Providing 6mm thick cement plaster(1:4) in ceiling with clean coarse sand of F.M1.5 including screening , curing with all leads and lifts of water,scaffolding taxes and royalty with all complete as per building specification and direction of E/I.	311.160	311.16	m2	136.62	Rupees One Hundred Thirty Six - Paise Sixty Two Only	42510.62
35	5.7.14	Providing 12mm thick water proof cement plaster (1:3) with clean coarse sand of F.M 1.5 with 5% cico or any other approved water proofing compound including screening, curing with all leads and lifts of water, scaffolding taxa and royalty all complete as per building specification of E/I.	13.156	13.16	m2	148.96	Rupees One Hundred Forty Eight - Paise Ninety Six Only	1959.72
36	JR 5.8.21	Providing two coats of plastic emulsion paint of approved shade and make over a coat of cement primer over new surface including preparing plastered surface by rubbing smooth with pumice stone all complete as per building specification and direction of E/I. (where material is not supplied by depth)	978.163	978.16	m2	187.02	Rupees One Hundred Eighty Seven - Paise Two Only	182935.97
37	5.8.32	Providing two coat of synthetic enamel paint of approved shade and make over new wooden surface including preparing the surface after cleaning, removing dirt scales smoke grease and sand papering including cost of scaffolding and taxes all complete as per building specification and direction of E/I.	52.920	52.92	m2	161.80	Rupees One Hundred Sixty One - Paise Eighty Only	8562.46
38	5.8.45	Providing 2 coats of synthetic enamel paint of approved shade and makeover steel surfac scales, smoke, grease and sand papering, including cost of scaffolding and taxes all complete as per building specification and direction of E/I	38.439	38.44	m2	53.71	Rupees Fifty Three - Paise Seventy One Only	2064.56
39	5.10.34	Providing 150mm, wide brick drain in cement mortar (1:6) with av. 150mm clear depth and 125mm apron including cost of earth work involved with 75mm cement concrete (1:4:3) over one brick designation 75A, flat soiling in proper grade and slope at tile base the drain duly plaster in CM (1:3) with punning over surface all complete as per building specification and direction of E/I.	67.230	67.23	PER METER	524.05	Rupees Five Hundred Twenty Four - Paise Five Only	35231.88
40	DSR 9.118.2	25 mm thick factory made POLYVINYL Chloride PVC Door Shutter made of Styles and rains of a UPVC hollow Section of size 60x30mm and wall thickness 2mm(+0.2mm) with inbuilt decorative moulding edging on one side. The styles and rails mitred and joint at the corners by means of ms galvanised/plastic brackets of size 75x220mm having wall thickness 1.0mm and stainless steel screw. The styles of the shutter reinforced by inserting galvanised M.S tube of size 25x20 mm and 1mm(+0.1MM) Wall thickness. The lock rail made up of h section a upvc hollow section of size 100x30 mm and 2 mm (+ 0.2 mm) wall thickness fixed to the shutter styles by means of plastic galvanised M.S.u cleats the shutter frame filled with a upvc multi chambred single panel of size not less than 620mm having over all thickness of 20mm and 1 mm (+0.1mm) wall thickness the panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S road and fastened with nuts washers complete as per manufacture's specification and direction of Engineer in-charge.POLYVINYL Chloride PVC Door	3.150	3.15	m2	1749.16	Rupees One Thousand Seven Hundred Fourty Nine - Paise Sixteen Only	5509.85

DSR 9.119	Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5 mm, made out of extruded 5mm extrude rigid pvc foam sheet, mitred at corners and joined with 2 nos of 150 mm long brackets of 15x15mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm MS.square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame The door frame to be fixed to the wall using M.S. screws of 65/100mm size, complete as per manufacture specification and direction of Engineer-in-charge.	9.900	9.90	m	346.23	Rupees Three Hundred Forty Six - Paise Twenty Three Only	3427.63
42 DSR 10.14.1.1	Providing and fixing prestressed steel door frames conforming to IS 4351 manufactured from commercial mild steel sheet of 1.60 mm thickness, including hinges jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm or base ties of 1.60 mm pressed mild steel welded or rigidly fixed together by mechanical means including M.S. pressed butt hinges 2.5 mm thick with mortar guards lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as direction of Engineer-in-charge. FIXING WITH ADJUSTABLE LUGE WITH SPLIT END TALL TO EACH JAMB	52.500	52.50	m ²	133.37	Rupees One Hundred Thirty Three - Paise Thirty Seven Only	7001.79
43 10.25.2 DSR	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	201.600	201.60	kg	115.81	Rupees One Hundred Fifteen - Paise Eighty One Only	23346.53
44 11.40 DSR	Providing and laying rectified glazed ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacture) of 1st quality conforming to IS 15622 of approved make in all colours shades except white Ivory, Grey Fume red brown laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand), jointing with grey cement slurry 3.3kg /sqmm including pointing the joints with white cement and matching pigments etc. complete.	13.156	13.16	M ²	1034.92	Rupees One Thousand Thirty Four - Paise Ninety Two Only	13615.39
45 JR 5.7.11	Providing 1.5mm cement punning including curing, carriage of water with all loads and lifts as per building specification and direction of E/I.	224.003	224.00	m ²	43.15	Rupees Fourty Three - Paise Fifteen Only	9665.72
46 JR 5.7.11	Providing 1.5 mm cement punning including curing carriage of water, with all leads, lifts as per.... kotah stone tiles in risers os steps, skirting and pillars of approved size,	32.147	32.15	m ²	43.15	Rupees Fourty Three - Paise Fifteen Only	1387.13
47 DSR 12.41.2	Providing & fixing on wall face unplasticised - Rigid P.V.C. rain water pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion. Single socket ed pipes. 110 mm dia P.V.C. rain water pipes	67.200	67.20	Nos	269.67	Rupees Two Hundred Sixty Nine - Paise Sixty Seven Only	18121.78
48 12.42.3.2	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised 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 PVC Single Tee with door of 110 x 110 x 110 mm	50.000	50.00	Nos	179.72	Rupees One Hundred Seventy Nine - Paise Seventy Two Only	8986.03
49 12.42.4.2	110x110x110mm	25.000	25.00	Nos	166.68	Rupees One Hundred Sixty Six - Paise Sixty Eight Only	4167.04
50 12.42.5.2	PVC Bend 110 mm	50.000	50.00	Nos	114.79	Rupees One Hundred Fourteen - Paise Seventy Nine Only	5739.48

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6.2		PVC Shoe(plain) 110 mm	50.000	50.00	Nos	100.60	Rupees One Hundred - Paise Sixty Only	5030.06
52	12.43.2	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - 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 (1 cement : 4 coarse sand) and making good the wall etc. complete.	50.000	50.00	Nos	255.30	Rupees Two Hundred Fifty Five - Paise Thirty Only	12765.21
53	12.46 DSR	Providing and fixing to the inlet mouth of rain water pipe PTMT (an Engineering Thermoplastic) grating square (Slit) 150 mm square with a height of 8 mm and weighing not less than 100 gms	8.000	8.00	Nos	88.80	Rupees Eighty Eight - Paise Eighty Only	710.40
54	13.26	Providing and applying plaster of paris putty of 2mm thickness over plastered surface to prepare the surface even and smooth complete .	1334.01	1334.01	m2	173.89	Rupees One Hundred Seventy Three - Paise Eighty Nine Only	231964.98
55	13.46.1	Finishing walls with textured exterior paint of required shade new work (two more coat applied @ 1.67 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	355.842	355.84	m2	145.60	Rupees One Hundred Fourty Five - Paise Sixty Only	51809.70
56	22.5 DSR	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc.. by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry .sunken portion of WCs.	13.156	13.16	m2	411.60	Rupees Four Hundred Eleven - Paise Sixty Only	5414.99
57	22.7.1 DSR	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement mixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs c) After two days of proper curing applying a second coat of cement	307.000	307.00	m2	1236.30	Rupees One Thousand Two Hundred Thirty Six - Paise Thirty Only	379543.41

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58	21.1.1.2 DSR	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : Powder coated aluminium (minimum thickness of powder coating 50 micron)	226.339	226.34	kg	403.38	Rupees Four Hundred Three Paise Thirty Eight Only	91299.74
59	21.3.1 DSR	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge With float glass panes of 4.0 mm thickness	26.438	26.44	m2	883.66	Rupees Eight Hundred Eighty Three - Paise Sixty Six Only	23361.85
60	carriage	Brick -8km (1k+7p)	76180.99	76180.99	Per/1000	859.50	Rupees Eight Hundred Fifty Nine - Paise Fifty Only	65477.34
61	carriage	sand-10 km	179.57	179.57	m3	340.21	Rupees Three Hundred Fourty - Paise Twenty One Only	61092.24
62	carriage	Chips-22 km	166.47	166.47	m3	518.12	Rupees Five Hundred Eighteen - Paise Twelve Only	86251.10
63	carriage	Metal-22 km	36.20	36.20	m3	564.44	Rupees Five Hundred Sixty Four - Paise Fourty Four Only	20433.03
64	carriage	local sand - 3 km	38.521	38.51	m3	216.92	Rupees Two Hundred Sixteen - Paise Ninety Two Only	8353.81
65	3.1.7	Providing and fixing G.M. non return valve Horizontal/Vertical type of approved quality as per specification and direction of E/I. Horizontal 32 mm dia	2.000	2.00	Each	776.49	Rupees Seven Hundred Seventy Six - Paise Fourty Nine Only	1552.98
66	(a)	Vertical 32 mm dia	2.000	2.00	Each	678.91	Rupees Six Hundred Seventy Eight - Paise Ninety One Only	1357.82
67	(b)	40 mm dia	2.000	2.00	Each	902.38	Rupees Nine Hundred Two - Paise Thirty Eight Only	1804.76
68	©	25 mm dia	2.000	2.00	Each	456.91	Rupees Four Hundred Fifty Six - Paise Ninety One Only	913.82
69	3.1.17	Cutting chhajja or cornice for laying G.I. / C.P.V.C pipe and restoring the same with R.C.C. (1:2:4) brick work in cement mortar (1:4) as per specification and direction of E/I.	1.000	1.00	Each	145.07	Rupees One Hundred Fourty Five - Paise Seven Only	145.07
70	3.1.18	Making holes in walls for laying G.I. / C.P.V.C pipe and restoring the same after pipe laying as per specification and direction of E/I.125 mm thick wall	3.000	3.00	Each	113.64	Rupees One Hundred Thirteen - Paise Sixty Four Only	340.92

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	b)	250 mm thick wall	2.000	2.00	Each	151.24	Rupees One Hundred Fifty One - Paise Twenty Four Only	302.48
	3.1.21	Supplying, fitting and fixing the following items complete with all materials as per specification and direction of E/I. Mirror (600 x 450mm)	1.000	1.00	Each	1183.55	Rupees One Thousand One Hundred Eighty Three - Paise Fifty Five Only	1183.55
73	a	C.P. brass dish container medium quality with screw and hinges etc.	2.000	2.00	Each	180.44	Rupees One Hundred Eighty - Paise Fourty Four Only	360.88
74	b	Supplying the following bathroom fittings all complete. bib cock long thread V.I.P.	1.000	1.00	Each	771.21	Rupees Seven Hundred Seventy One - Paise Twenty One Only	771.21
75	c	Pillar cock (long neck) V.I.P.	1.000	1.00	Each	832.26	Rupees Eight Hundred Thirty Two - Paise Twenty Six Only	832.26
76	vi	Angular Stop Cock (long Thread)	2.000	2.00	Each	630.14	Rupees Six Hundred Thirty - Paise Fourteen Only	1260.27
77	xxv	Toilet Paper holder	1.000	1.00	Each	370.54	Rupees Three Hundred Seventy - Paise Fifty Four Only	370.54
78	xxvi	Glass self 22"	1.000	1.00	Each	705.30	Rupees Seven Hundred Five - Paise Thirty Only	705.30
79	xxi	C.P. brass tower rail	1.000	1.00	Each	540.12	Rupees Five Hundred Fourty - Paise Twelve Only	540.12
80	xxiii	C.P. brass soap dish	1.000	1.00	Each	180.44	Rupees One Hundred Eighty - Paise Fourty Four Only	180.44
81	3.2.1	Supplying, fitting and fixing viterous white glazed earthen ware I.W.C. of parry Hindustan or any other I.S.S. approved make with 100mm H.C.I. 'p' trap 15 litres C.I. pull and let go flushing cistern of names or other I.S.S. equivalent make, complete with all fittings, C.I. or C.C. brackets 32mm alkathene/P.V.C. telescopic flush, pipe about 2M long with one brass coupling and clamps G.L chain and pull including supplying and fixing a pair of viterous white glazed earthenware footrest to be fixed in floor 15mm C.I. body brass spindle stop cock of weight not less than 50grms, 15mm P.V.C. connection pipe 450mm long and the exposed pipe and cistern with two coats of approved paint over a coat of red oxide primer etc, all complete as per specification and direction of E/I. 580mm long. With 12.5 Liter Low Level P.V.C. cistern	1.000	1.00	Each	3871.31	Rupees Three Thousand Eight Hundred Seventy One - Paise Thirty One Only	3871.31
82	3.2.2	Supplying, fitting and fixing viterous white glazed earthen ware E.W.C. of Parry Emdustan or any other.... all complete as per specification and direction of E/I. With 'P' trap - 12.5 ltr. Low level PVC cistern	1.000	1.00	Each	3991.90	Rupees Three Thousand Nine Hundred Ninety One - Paise Ninety Only	3991.90

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83	32.4	Supplying fitting and fixing vitreous white glazed earthen ware indian squatting type 600x350mm urinal plate of parry hindustan or any other ISS approved make with internal flushing rim, 100mm white glazed earthen ware channer about 1m long 5 litre capacity C.I. automatic flushing cistern of reliance or any other approved make with fittings R.S or C.I brackets 15mm and 45 cm long PVC/ Alkathene Pipe Standred G.I flush pipe for back and front with spreader fittings and brass coupling etc 15mm C.I Body brass Spindle stop cock Weight not less than 450 grams all complete including painting of exposed parts with 2 coats of approved paint over coat of red oxide priner and cutting the wall and floor and making good the same as per specification and direction of E/I	2.000	2.00	Each	3081.01	Rupees Three Thousand Eighty One - Paise One Only	6162.02
84	DSR 17.24	Providing and fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe	1.000	1.00	Each	2835.48	Rupees Two Thousand Eight Hundred Thirty Five - Paise Fourty Eight Only	2835.48
85	3.3.1	Earth work in excavation for laying of different types and sizes of R.C.C. spun pipes with disposal of excavated earth within initial lead and sizes of R.C.C. spun pipes with disposal of excavated earth within initial lead and lift as per specification and direction of E/I. 10x 0.450 x 0.600	2.700	2.70	M3	174.19	Rupees One Hundred Seventy Four - Paise Nineteen Only	470.31
86	3.3.6.2	Lbour for alying, fitting and fixing NP2 R.C.C. spun pipe with colars in lines, level and grade and providing approved jointing materials and joints properly filled to make them leakproof including providing sight rails, bonning rod, night guard, Red light and barrier etc. all complet as per specification and direction of E/I. 150mm dia R.C.C. spun pipe	10.000	10.00	M	158.00	Rupees One Hundred Fifty Eight Only	1580.00
87	3.3.8	Supplying materials and labours for constructing inspection chamber of designation class 75B bricks size 750mm deep, 600 x 450mm internal dimension having 250mm wall thickness in cement mortar (1:6) including 12mm cement plaster (1:4) with punning on inside and cement plaster (1:6) with 600 x 475mm G.I. Cover with frame (weight not leaa than 36 kg) alongwith earth work in excavation and 80mm thick P.C.C. (1:3:6) in foundation and refilling all complete as per specification and direction of E/I.	2.000	2.00	each	7089.13	Rupees Seven Thousand Eighty Nine - Paise Thirteen Only	14178.26
88	DSR 18.48	Providing and placing on terrace (at all floor levels) polyethylene waterstorage tank, ISI : 12701 marked, with cover and suitable lockingarrangement and making necessary holes for inlet, outlet and overflowpipes but without fittings and the base support for tank.	2000.000	2000.00	Lt.	7.78	Rupees Seven - Paise Seventy Eight Only	15558.70
89	JSR SL No.118 Page 30.(ii)	Supplying NP2 R.C.C. hume pipe with collar as as per I.S.S. 458-1971. 150mm dia	10.000	10.00	metre	348.04	Rupees Three Hundred Fourty Eight - Paise Four Only	3480.40
90	17.7.1	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 Wash basin size 630x450 mm witha pair of 15 mm C.P. brass pillar taps	2.000	2.00	each	2729.58	Rupees Two Thousand Seven Hundred Twenty Nine - Paise Fifty Eight Only	5459.16

	18.7.3	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	10.000	10.00	M	326.38	Rupees Three Hundred Twenty Six - Paise Thirty Eight Only	3263.79
92	18.7.4	32 mm nominal outer dia Pipes	10.000	10.00	M	424.81	Rupees Four Hundred Twenty Four - Paise Eighty One Only	4248.14
93	18.7.5	40 mm nominal outer dia Pipes	10.000	10.00	M	573.37	Rupees Five Hundred Seventy Three - Paise Thirty Seven Only	5733.73
94	18.8.1	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. 15 mm nominal outer dia Pipes	10.000	10.00	M	362.14	Rupees Three Hundred Sixty Two - Paise Fourteen Only	3621.38
95	18.8.2	20 mm nominal outer dia Pipes	10.000	10.00	M	422.69	Rupees Four Hundred Twenty Two - Paise Sixty Nine Only	4226.93
96	18.8.3	25 mm nominal outer dia Pipes	10.000	10.00	M	496.77	Rupees Four Hundred Ninety Six - Paise Seventy Seven Only	4967.73
97	18.58.1.1	C.P. Gratings Circular type - 100mm dia	2.000	2.00	Each	33.50	Rupees Thirty Three - Paise Fifty Only	67.01
98	DSR 19.32.1	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.000	1.00	each	22346.84	Rupees Twenty Two Thousand Three Hundred Forty Six - Paise Eighty Four Only	22346.84
99	DSR 12.43.2	Providing and laying of 110mm dia. P.V.C. pipe for outlet of water to outlet drain including all accessories, i.e lubricants, solvent cement, clamp, ring, sockets etc. (SUPREME SW.R.) 110 mm.	10.000	10.00	M	255.30	Rupees Two Hundred Fifty Five - Paise Thirty Only	2553.04
100	12.42.3.2	Providing and laying of 110mm dia. P.V.C. pipe for outlet of water to outlet drain including all accessories, i.e lubricants, solvent cement, clamp, ring, sockets etc. (SUPREME SW.R.) 110x110x110mm	1.000	1.00	Each	179.72	Rupees One Hundred Seventy Nine - Paise Seventy Two Only	179.72
101	12.42.3.1	75x75x75mm	1.000	1.00	Each	123.63	Rupees One Hundred Twenty Three - Paise Sixty Three Only	123.63
102	12.42.6.2	110mm shoe	1.000	1.00	Each	100.60	Rupees One Hundred - Paise Sixty Only	100.60
103	12.42.6.1	75mm shoe	1.000	1.00	Each	70.01	Rupees Seventy - Paise One Only	70.01
104	12.42.5.2	110mm bend	2.000	2.00	Each	114.79	Rupees One Hundred Fourteen - Paise Seventy Nine Only	229.58
105	12.42.5.1	75 mm bend	2.000	2.00	Each	79.47	Rupees Seventy Nine - Paise Forty Seven Only	158.95

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108	1.1	75mm	1.000	1.00	Each	68.82	Rupees Sixty Eight - Paise Eighty Two Only	68.82
	1902 dsr	sw gully trap p type 150x100	1.000	1.00	Each	114.92	Rupees One Hundred Fourteen - Paise Ninety Two Only	114.92
108	1.3.1	Point Wiring in PVC Conduit, with Modular type Switch: Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit, with modular type switch, modular plate, suitable size of GI box etc as required.Gr-A	36.000	36.00	POINT	508.00	Rupees Five Hundred Eight Only	18288.00
109	1.31	Supply and Fixing Light Plug Point with Modular Type Accessories: Supply and Fixing GI box with modular plate and cover in front on surface or in recess including providing and fixing 3 pin, 5/6 amps modular socket outlet and 5/6 amps modular type switch, connection, painting etc as required.	4.000	4.00	each	241.00	Rupees Two Hundred Fourty One Only	964.00
110	1.7.1	Circuit / Sub-main wiring in PVC Conduit: Wiring for circuit / sub-main wiring along with earth wire with the following sizes of PVC insulated, copper conductor, single core cable in surface/recessed PVC conduit as required. Make-Polycab/ Havells/RK Kabel/KEI 2x1.5 Sqmm + 1x1.5 sqmm earth wire	40.000	40.00	metre	146.00	Rupees One Hundred Fourty Six Only	5840.00
111	1.7.2	2x2.5 Sqmm + 1x2.5 sqmm earth wire	50.000	50.00	metre	173.00	Rupees One Hundred Seventy Three Only	8650.00
112	1.7.3	2x4 Sqmm + 1x4 sqmm earth wire	30.000	30.00	metre	211.00	Rupees Two Hundred Eleven Only	6330.00
113	2.8.8	S/F SP MCB DB: Supplying and fixing of following way, single pole and neutral, sheet steel. MCB distribution board, 240 volts, 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 (Without MCB/RCCB/ISOLATOR).8 ways Double Door -(Power +Lighting) DB combined for two rooms	1.000	1.00	Set	912.00	Rupees Nine Hundred Twelve Only	912.00
114	2.12.1	S/F 'C' series SP MCB: Supplying and fixing 240 volts, 'C' series, miniature circuit breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc, as required.6/32A Single Pole	8.000	8.00	Each	146.00	Rupees One Hundred Fourty Six Only	1168.00
115	2.12.6	40A DP MCB -lighting circuit	1.000	1.00	Each	560.00	Rupees Five Hundred Sixty Only	560.00
116	1.33	S/F Ceiling Rose: Supplying and fixing 2 pin 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	22.000	22.00	Each	42.00	Rupees Fourty Two Only	924.00
117	1.26	Supplying and fixing Modular type blanking plate-Supplying and fixing modular blanking plate on existing modular plate switch box excluding modular plate etc. as required.	8.000	8.00	Each	36.00	Rupees Thirty Six Only	288.00
118	1.24.1	5/6 AMPS, one way switch	4.000	4.00	Each	59.00	Rupees Fifty Nine Only	236.00
119	1.24.4	5/6 Amps, 3 pin socket outlet	4.000	4.00	Each	75.00	Rupees Seventy Five Only	300.00
120	1.25	S/F Modular type electronic fan regulator; Supplying and fixing stepped type fan regulator on the existing modular plate switch box including connections but excluding modular plate etc as required.	12.000	12.00	Each	231.00	Rupees Two Hundred Thirty One Only	2772.00

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102	Supply of Ceiling Fan: Supplying and fitting of 1400 mm Sweep regular/ standard model AC ceiling fan, including connection with 1.5 sq mm copper wire, down rod of standard length (upto 30cm) with all accessories as required. Make :- Polar/Bajaj/Crompton / Havells / GEC.	12.000	12.00	Each	1590.69	Rupees One Thousand Five Hundred Ninety - Paise Sixty Nine Only	19088.28
122	JSR 2106 Supply of Wallmounted Fan: Supply of 16" (400mm), 230V AC wall/cabin fan including fixing the bracket, making, connection testing, commissioning etc as required (Make- Polar/Bajaj/ Havells/Crompton)	2.000	2.00	Each	1921.33	Rupees One Thousand Nine Hundred Twenty One - Paise Thirty Three Only	3842.66
123	JSR-2230 LED tube with Batten 18W/22W : Supplying and fixing of wall mounted LED 18W /22W tube + batten and electronic driver and accessories as required. (Make -Bajaj / Havells/ Philips)	20.000	20.00	Each	847.36	Rupees Eight Hundred Fourty Seven - Paise Thirty Six Only	16947.20
						TOTAL (A)	5688311.87

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प्रबंधक-सह-कार्यपालक अभियंता
आरखण्ड राज्य भवन निर्माण निगम लिमिटेड
परियोजना क्रियाकवचन ईकाई