

Name of work:- Construction of TRLM Building at Dumburnagar R.D Block under R.D Ambassa Division

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1. Certified that this DNIT contains 36 (Thirty Six) pages numbered from 1 to 36 page, No blank pages.

Assistant Engineer
R.D. 4th Circle
Ambassa, Dhalai, Tripura

DRAFT NIT NO: 04/SE / RD 4thC /D/ABS/2017-18

Draft Notice Inviting Tender for an amount of Rs. 85,60,450.00 (Rupees Eighty Five Lakhs Sixty Thousand Four Hundred & Fifty) only is hereby **APPROVED**.

Superintending Engineer
RD 4th Circle
Ambassa, Dhalai, Tripura

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GOVERNMENT OF TRIPURA
OFFICE OF THE EXECUTIVE ENGINEER
R.D AMBASSA DIVISION
JAWAHARNAGAR, DHALAI.

PRESS NOTICE INVITING TENDER NO: 03/EE/RDD-ABS/2017-18 Dt. 22/12/2017

Separate sealed tenders are invited on behalf of the 'Governor of Tripura' from enlisted Contractor/Bonafied suppliers and Govt. registered co-operative society of Tripura PWD/TTAADDC in appropriate class and from the contractors registered in the appropriate class of MES Railways, CPWD and other PWD having experience and good credential in similarnature of work in PWD FORM-7(Seven) up to 3.00 p.m on 27/12/2017 for the following work:-

SL No	Name of Work	Estimated cost (in Rs)	Earnest Money(in Rs)	Cost of Tender Form (in Rs.)	Last date of issue for tender document	Last date for dropping of the tender
1	DNIT No.3/SE/RD4thC/D/ABS/2017-18	₹ 85,60,450.00	₹ 85,605.00	₹ 2,500.00	3/1/2018	04/01/2018 (Up to 3.00pm)
2	DNIT No.4/SE/RD4thC/D/ABS/2017-18	₹ 85,60,450.00	₹ 85,605.00	₹ 2,500.00	3/1/2018	04/01/2018 (Up to 3.00pm)

1. Tender Form Selling & Dropping Centre:- Office of the Executive Engineer, R.D Ambassa Division, Jawaharnagar
2. The intending tenderer shall have to submit separate application for each work along with following documents for obtaining tender documents/ Forms.
 - A) Valid enlistment, issued from the appropriate department, Govt. of Tripura in the name of the tenderer regarding engagement of workers in the contract works (Validity of Labour License must be up to the last date of tender submission as mentioned in PNIT).
 - B) Valid GST, PAN Card, AADHAAR Card, PTCC certificate issued in the name of tenderer (the validity of PTCC should be last date of tender submission as mentioned in PNIT).

(All such documents should be attested either by a Group-A Officer of state / central Government or by Notary and shall also be self-authenticated by intending tenderer).

- C) **'Demand Draft'** (Non-Refundable) as cost of Tender Form on any schedule bank guaranteed by Reserve Bank Of India drawn in favour of the Executive Engineer, R.D Ambassa Division, Jawaharnagar, Dhalai , Tripura.

For details please visit: www.tenders.gov.in & <http://rural.tripura.gov.in/>

Note : NO NEGOTIATION WILL BE CONDUCTED WITH THE LOWEST BIDDER.

Executive Engineer
R.D Ambassa Division
Jawaharnagar, Dhalai.

Copy to the:

1. The Chief Engineer, RD Department, Govt. of Tripura, P.N. Complex, Agartala for kind information.
2. District Magistrate and Collector, Dhalai District for kind information.
- 3-6. The Superintending Engineer, R D 1st Circle, Agartala, 2nd Circle, Udaipur, 3rd Circle, Kumarghat, 4th Circle, Ambassa for kind information.
7. The Director, ICA, Govt. of Tripura, Agartala with a request for arranging publication in 4(Four) nos local daily leading news papers in one insertion. After publication of NIT, the confirmation regarding publication may kindly be sent to this Division for processing of tender. An intimate action may kindly be taken in this regards. [Enclo:-7(Seven)spare copy]
- 8-18. Executive Engineer, R. D. Division (Store / Bishramganj/Teliamura/Udaipur/Satchand/Amarpur/Santirbazar/ Kumarghat / Kanchanpur / Agartala / Manu) with request to display the NIT in their respective notice board for publication.
- 19-25. Executive Engineer, R&B(PWD) Division (Ambassa/Kamalpur/Manu), DWS(PWD) Division (Ambassa/Kamalpur), DGM, TSECL Division (Ambassa/Kamalpur/Manu) with request to display in their respective notice board for publication.
- 26-31. The Block Development Officers , DCM/SLM/ABS/GNR/DBN/RSB with a request to display the notice in the notice board.
- 32-41. All Assistant Engineers, Junior Engineers, Technical Assistant, Head Clerk, Accountant/Cashier/Store keeper, Work assistant, Tender Section of this division. They are requested to take necessary action for wide publication of the same.
- 42-43. Secretary, Ambassa/Kamalpur/Gamdachara Contractor Association for information & necessary action .
44. M/S / Sri _____
45. Estt. Section to keep record in File - NO.F.5 (55)-EE/RD/ABS/2017-18/TENDER & display in notice board.

Executive Engineer
R.D Ambassa Division

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DETAILS NOTICE INVITING TENDER NO: 02/SE / RD 4thC /D/ABS/2017-18, DT. 22/12/2017

Certified that this DNIT contains
36(Thiry Six)Nos. Written pages
ex/c. blank pages & cover pages.

PWD FORM NO. 6A
**(In case of selling of
tender document)**

**GOVERNMENT OF TRIPURA,
RURAL DEVELOPMENT DEPARTMENT
JAWAHARNAGAR, DHALAI, TRIPURA**

NOTICE INVITING TENDER

1. Separate sealed tenders are invited on behalf of the 'Governor of Tripura from eligible Labour Contractor having valid Labour Licence or contractor having enlistment issued from competent authority and person having experience in similar nature of works with good credential in in PWD FORM-7 for the work.

SL No	Name of Work	Estimated Cost	Earnest Money	Time for completion
1	Construction of TRLM Building at Dumburnagar R.D Block under R.D ambassa Division. 04/SE/ RD 4thC /D/ABS/2017-18	Rs. 85,60,450.00	Rs. 85,605.00	12 (Twelve) months

2. For cases where tender document will be Sold, the tender documents consisting of detailed plans, complete specification, schedule quantities of the various class of work to be done and the set of the conditions contractor(s) to be compiled with, can be obtained on 22/12/2017 TO 03/01/2018. from the office of the Executive Engineer, RD Ambassa Division, Dhalai, Jawaharnagar, Tripura on any working day during office hours up to 4.00 pm.

3. Tenders which shall always be placed in sealed covers with name of work written on the envelope (for each work separately) will be received by the Executive Engineer, RD Ambassa Division, Jawaharnagar Dhalai, up to 3.00 P.M. on 04/01/2018 (to be filled up by the bidder) and will be opened by the Executive Engineer, RD Ambassa Division, Jawaharnagar Dhalai at 3.30 P.M, if possible. If the Office happens to be closed on the date of receipt / Opening of the tender as specified, the tenders will be received / opened on the next working day if possible at the same time and venue. The tenders may be submitted by the tenderers either by post or in person. No late receipt of sealed tenders after the stipulated time and date will be entertained. Any tender received after the closing time for submission of tender shall be returned un-opened.

4. Tender form can be obtained from the Executive Engineer RD Ambassa Division, Jawaharnagar Dhalai on payment of amount of Rs. 500.00 (for Estimated Cost up to Rs. 1.00 Lakh) Rs. 1000.00 (for Estimated cost over Rs. 1 lakh & up to Rs. 50.00 lakh) & 2500.00 (for Estimate cost over 50.00 lakhs and up to 1 crores) Rs. 5000.00 (for eastimated cost over Rs. 2 crores) in cash (each). Receipt of application for issue of tender form will be closed on 26/12/2017 at 4.00 pm.

5. The contractor shall not be permitted for works in the RD Department (responsible for award and execution of contract in which near relative is posted as Divisional Accountant / as an Officer in any capacity between the grades of Superintending Engineer and Assistant Engineer (both inclusive). He shall also intimate the name of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives of any Gazetted Officer in the RD Department. Any breach of this condition by the contractors would render him liable for removal from the approved list of contractors of this

6. No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of Tripura shall be allowed to work as contractors for a period of two years of his retirement from Government service without the prior permission of the Government of Tripura. The contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of Government of Tripura as aforesaid, before submission of the tender or engagement in the contractors services, as the case may be.

7. Tender forms will be sold on submission of documentary proof of tenderer's Nationality, GST/ PTCC / STCC, valid Enlistment or Labour Licence regarding engagement of workers in the contract works from labour Department, Government of Tripura. Tenders, which are not in prescribed printed form and downloaded from website or are not purchased from the Office of the Executive Engineer, RD Ambassa Division, Jawaharnagar, Dhalai shall be rejected at the opening of tenders. In case of firms and companies tendering for the work, those firms and companies shall be registered in India. The conditions regarding PTCC / STCC etc. enumerated above will equally apply in case of firms and companies.

8. a) The contractor (s) shall quote the rates and amounts tendered by them both in figures as well as in words. When a contractor signs a tender in Indian language the rate and amount shall also be written in that language.

b) Special care shall be taken so that the rates and amounts are always written both in figures and words in such a way that interpolation is not possible. In case of figure, the words Rs. should be written before the figure and paisa at the end (viz. Rs.250.50 p). In case of rate or amount in words, the words Rupees should precede and the word only shall be written at the end (viz. Rupees two hundred fifty and fifty paisa only).

c) Item(s) for which no rate or price has been entered by the contractor / Agency shall not be paid for and shall be deemed covered by the other rates / prices in the contract.

d) When there is a difference between the rates in figures and in words, the rates, which correspond to, the amounts worked out by the contractor, shall be taken as correct.

e) When the amount of an item is not worked out by the contractors or it does not correspond with the rates written either in figures or in words then the rate quoted by the contractor in words shall be taken as correct.

f) When the rate quoted by the contractor in figures and words tallies but the amount is not worked out correctly, the rate quoted by the contractor shall be taken as correct and not the amount.

g) All corrections to rates and amounts in the tender shall be initialed by the contractor. Every page including the blank pages of Tender document shall be signed by the contractor.

h) In the case of percentage rate tender, the contractor are required to quote their rates both in amount as well as in the percentage below / above the rates entered in the Schedule. In such cases in the event of arithmetical error committed in working out the amount by the contractor, the tendered percentage and not the amount should be taken in to account.

9. a) Earnest money of the estimated cost put to tender without ceiling limit shall be deposited in any Schedule Bank of India guaranteed by the Reserve Bank of India in the shape of "Deposit-at-call" or "Fixed Deposit" with validity of 6 (six) months of a scheduled bank guaranteed by the Reserve Bank of India in favour of the Executive Engineer, RD Ambassa Division, Jawaharnagar, Dhalai . The Deposit-at-call or Demand Draft must be submitted along with the tender. Earnest money in any other form will not be accepted. Tender without Earnest money shall be summarily rejected.

b) Diploma & Degree Engineers enlisted in class-V & IV(B) respectively will be exempted from depositing earnest money along with tender on works costing up to I .00 lakh & 2.50 lakhs respectively.

c) Contractors exempted from depositing earnest money along with submission of tender by an order of Government of Tripura, will have to deposit @1% of the estimated cost in the shape of Deposit-at-call or Demand Draft as stated in Clause 9(a) in favour of the Executive Engineer, RD Ambassa Division, Jawaharnagar, Dhalai before issuance of Work Order.

10. The security deposit will be collected by the deduction from the running bill from the contractors as mentioned below and the earnest money, will be treated as part of Security deposit. Performance security (only for tenders with quoted rate less than the 15% of the estimated cost of work put to tender) may be accepted as Bank Guarantee of Schedule Bank.

A sum @10% of the gross amount of the bill shall be deducted from running bill of the contractor till the sum along with the earnest money equal to amount of 10% of the tendered value of the work subject to following limit:

- (i) Tendered value up to Rs.100.00 lakhs—Security Deposit @10% subject to maximum of Rs.5.00 lakhs.
- (ii) Tendered value above Rs.100.00 lakhs up to Rs. 200.00 lakhs- Security Deposit @10% subject to maximum of Rs.15.00 lakhs.
- (iii) Tendered value above Rs.200.00 lakhs—Security Deposit @10% subject to maximum of Rs.25.00 lakhs.

11. Earnest Money given by all contractor's except the lowest 2nd lowest tenderer to be refunded within a week from the date of receipt of tender(s).

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12. If any tenderer withdraws his tender within the validity period or makes any modification in the terms and condition of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy be at liberty to forfeit 50% (fifty percent) of the earnest money absolutely.
 13. The accepting authority reserves the right to accept / reject any / all tenders without assigning any reason.
 14. Tenders which do not fulfill any of these conditions or are not complete in any respect are liable for summary rejection.
 15. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the tenderer who resorts to canvassing will be liable for rejection.
 16. The contractor shall read the specifications carefully before submitting the tender.
 17. The whole work may be split up between two or more contractors or accepted in part and not in entirety if considered expedient.
 18. The contractor's responsibility for this contract shall commence from the date of issue of acceptance order of tender.
 19. Letters etc. found in the tender box raising or lowering the quoted rates or dealing with any other point in connection with the tender shall not be considered.
 20. Sales Tax / VAT/GST any other tax, Duties, Royalties etc. on materials and works in respect of this contract shall be payable by the contractor and Government will not entertain any claim whatsoever in this respect. Tenderer shall note this at the time of quoting rates and prices.
 21. In case the contractor fails to commence the work specified in the tender document on 15th day or such time periods 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, the Government shall without prejudice to any Other right or remedy, be at liberty to forfeit whole of the earnest money absolutely.
 22. All work shall be carried out in accordance with the Tripura PWD specification and where Tripura PWD specification is silent the specifications of CPWD / CPHEEO / CWC / MORT & H / BIS or if any specified separately will be followed.
 23. No labour under 14 years of age shall be employed in the work and all laborers employed shall be paid at the rates not less than those approved by Government of Tripura. Fair wage clause and relevant orders of the Government of Tripura will be binding on the contractor.
 24. All tools, plants and implements required for the construction of the work except those mentioned to be supplied by the Department on hire charges will have to be arranged by the contractor at his own cost.
 25. No claim for idle labors and establishment will be allowed on account of delay in supply of Departmental tools, plants and materials.
 26. Contractor shall be responsible for shortage or wastage of Departmental materials if issued to the contractor.
 27. Recovery of surplus quantity of materials issued but not returned shall be made from the contractor's bill at double the issue rate of materials.
 28. No transfer of earnest money from any amount already at the credit of tenderers (as earnest money or security deposit in connection with the other works) will be allowed.
 29. Contractors are to arrange all material for works in/c. stipulated materials, if not available in the store at any time. However, no difference of cost between the market rate & issue rate will be allowed.
 30. Contractor shall have to submit working programme with Bar chart within 15 days time of work order for works costing more than Rs.30.00 lakhs. Otherwise his order may be cancelled.
 31. No Non-Indian national as laborer, who does not possess valid passport and visa will be allowed to work under any contractor, otherwise the contract will be cancelled.
 32. The tender for the work shall not be witnessed by a contractor or contractors who himself/ themselves have / have tendered or who may and has / have tendered for the same work. Failure to observe this condition shall render tenders Of the contractors / tenderers as well as those witnessing the tender, liable for summary rejection.
 33. Before submitting tenders, the tenderers are to satisfy themselves by actual visit to the site of work as regards the prevailing conditions of approaches and roads and availability of laborers and materials etc. and tenderers submitting tenders shall be deemed to have done so. No claim on the above account will be entertained afterwards.
 34. The provisional deduction of VAT/GST at source shall be at the rate as notified by the Government, from time to time.
 35. The tender for the works shall remain open for acceptance for a period of 90 (ninety) days for the work costing up to Rs.50.00 lakhs and 180 (one hundred eighty) days for the works costing above Rs.50.00 lakhs from the last date of submission of

36. Schedule of Payments

- a. For work costing up to Rs.1.00 lakh : First & Final bill.
- b. For work costing Rs.1.00 lakh to 10.00 lakh : Running Account payment bill be shall not less than Rs. 2.00 lakh per bill.
- c. For work costing Rs.10.00 lakhs to Rs.1.00 Crore : Running Account payment bill be shall not less than Rs.20.00 lakhs per bill.
- d. For work costing above Rs.1.00 crore to 5.00crore : Running Account payment bill be shall not less than Rs.40.00 lakhs per bill.
- e. For work costing above Rs.5.00 crore : Running Account payment bill be shall not less than Rs.60.00 lakhs per bill.

37. In addition to special conditions, general conditions etc. of Tripura PWD Form No. 7 (seven) / 8 (eight) / 9 (nine) / 12 (twelve) with up to date correction slip will also form a part of the tender (to be attached by the Executive Engineer).

38. 1% cess will be deducted for the purpose of Building & other construction Works (Regulation of Employment and Conditions of service) Act.1996 and circulated by Memo No.F.21(35)-LAB/ENF/CONS/07/178-238, GOVERNMENT OF TRIPURA, LABOUR DEPARTMENT, date, Agartala, the 28th March, 2007.

39. In addition, the contractor shall be required to deposit an amount equal to 5% of the tendered value of the contract as performance security (only for tenders with quoted rate less than the (-) 15% of the estimated cost of work put to tender) within the period prescribed for commencement of work in the letter of award issued to him as per condition given in the NIT.

40. Tenders up to 15% less than the estimated contract value of work, no additional security deposit is required. But for tenders less than 15% of the estimated contract value of work, the difference between the tendered amount and 85% of the estimated contract value, shall be paid by the successful tenderer at the time of concluding Agreement as an additional security to fulfill the contract through a Bank Guarantee or Demand Draft on a Nationalized Bank Scheduled bank in the prescribed format valid till

41. The Contractor shall construct & maintain one site office in which necessary arrangements for sitting, preservation of drawings, maps, registers, measuring & testing devices, agreement, site order book, Hindrance register etc. shall be kept.

42. Water required for construction purpose shall be arranged & provided by the contractor at own cost. Similarly drinking water required for staff & labourers shall also be arranged by contractor.

43. The contractor shall obtain power connection, if required, during construction period from Tripura State Electricity Corporation Ltd & consumption charges thereof shall also be borne by Contractor.

44. The contractor shall construct hutments & sheds for labourers along with all required facilities like toilets, drinking water supply etc at own cost.

DECLARATION OF THE TENDERER

I / We..... have perused in detail and examined closely the pamphlets containing general directions and conditions attached to PWD Form 7(Seven) with up to date modifications of directions and conditions etc. and also I / We have personally gone through all the specifications, clauses, conditions attached with the tender document and solemnly declare that I / We will abide by all the rules & regulations, clauses, terms & conditions therein including up to date modifications etc. made in this regard by the department.

I / We do hereby declare that there is no order of any Government department / PSU of Tripura or any other State in India is in force as on the date of submission of tender regarding blacklisting or debarment or suspension prohibiting me / us from continuing contracting business.

I / We do hereby declare that, I / We will abide by any penal action such as disqualification or blacklisting or determination of contract or any other action deemed fit, taken by the department against me / us, if it is found that the statements, documents, certificates produced by me / us are false / fabricated.

I/We am/are prepared to furnish detailed data in support of all my quoted rates, when called upon to do so without any reservations.

I / We enclosed a crossed demand draft/deposit-at-call (Bearing No..... dated:.....) foras earnest money not to bear interest along with my/our tender

I/We agree that the Government has right to forfeit the said earnest money and shall be retained by the Government or otherwise the said earnest money shall be retained towards security deposit mentioned of the above memorandum.

Signature of the Tenderer

CLAUSE 12 (VI)

Following are the deviation limits for various works as mentioned in the Clause—12 of P.W.D. Form-07 (Seven) / 08 (Eight).

- i) For Building Works..... 30% (thirty) percent.
- ii) For Maintenance works and building works of time bound, urgent and emergency nature.....50%
- iii) For Foundation works.....100% (hundred) percent.

SPECIAL TERMS & CONDITIONS.

CESS : @1 (One)% of the Cost of the Construction of any building or any other construction would be deducted from the payment of the bill for any building construction or other construction works.

FLY LEAF

1. If any tenderer withdraws his tender within the validity period or makes any modifications in the terms and conditions of the tender which are not acceptable to the Department, then the government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely.

2. In case the contractor fails to commence the work specified in the tender documents on 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, the Government shall without prejudice to any other right or remedy be at liberty to forfeit whole of the earnest money absolutely.

CLAUSE -36

The Contractor shall employ the following technical staff during the execution of this work :

- 1. One Graduate Engineer when the cost of work to be executed is more than Rs. 50.00 Lakhs.
 - 2. One qualified Diploma Holder (Overseer) when the cost of the work to be executed more than Rs. 20.00 lakhs.
- The Technical staff should be available at site, whenever, required by Engineer-in-charge to take instructions.

In case the contractor fails to employ the technical staff as aforesaid he shall be liable to pay as sum of Rs. 4,000/- (Rupees four thousand) only for each month of default in case of graduate Engineer and Rs. 2,000/(Rupees two thousand) only for each month of default in case of diploma holder. It is also essential a certificate to the effect that a qualified Engineer satisfactorily employed by the contractor as per the provision of the clause 36 has looked after the work during its execution is recorded by the J.E along with each running bill. Executive and Assistant Engineer should also verify the fact of employment during their visit of work.

It is further to clarify that the cost of work with regard to compliance of this clause of PWD FORM 7 and FORM 8 is the estimated cost put to tender

SPECIAL CONDITION

Clause no. 29 (b) in contract form No. 7 & 8 / No. 36(3) in form P.W.D. 12 /No. 10(1) in form No. P.W.D. 11 and No.

It will be obligatory for the contractor to produce Forest Clearance certificate from the D.F.O. having jurisdiction over area, in respect of extraction of any Forest produce for utilization in the works under this contract, before final payment and / or refund of security deposit, If the contractor fails to do so a sum of money towards Royalty remaining unpaid by the contractor if any as may be specified by the concerned Divisional Forest Officers will be set off from any sum of money including Security deposit due and payable to the contractor under this contract.

SPECIFICATION AND SPECIAL CONDITIONS

1. All work shall be carried out in accordance with the Tripura PWD Specification and where Tripura PWD specification is silent the specifications of CPWD/CPHEEO/CWC/MORT&H/BIS or if any, specified separately will be followed.

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a. Before submitting the tender the tenderers are to satisfy themselves by actual visit to site regarding availability of labour and materials and site conditions and any claim of the tender submitting tenders shall not be entertained after-wards in respect of non-availability of labour materials and site conditions. Any roads and paths, if required, for the work will have to be made by the contractor at his own cost & risk and nothing extra will be paid.

b. During the period prior to the handing over of the work complete in all respects to the Engineer-in-charge damages to the work if any are to be made good by the contractor at his own cost and nothing extra will be paid.

2. The contractor shall have to remove the slips which occur during the period till the work is handed over to the Engineer-in-charge complete in all respect at his own cost and no payment shall be made for clearing slips.

1. Traffic on the road should be maintained if required during working period and the contractor will have to take precaution for his workmen and if necessary he will have to provide diversion at his own cost & risk for which no claim will be entertained.

2. Nothing extra will be paid for any lead or lift for earthwork in excavation in side and through cutting for disposal of soil not utilized in filling.

3. In addition to the above condition of P.W.D. Form — 7 and Notice Inviting Tender as well as specifications and special condition as stated herein will form a part of the contract.

SPECIAL CONDITION

1. The work will have to be completed as specified in this tender documents and shall be started within 15 (fifteen) days from the date of issue of work order failing which earnest money deposited by the contractor will be forfeited in full to the Executive Engineer, R. D. Agartala Division, R.D Department.

2. The contractor should maintain following Register to be at site :

a) Site Order Book:- In conformity with provision of CPWD Manual.

b) Cement Register:- In conformity with provision of CPWD Manual.

c) Steel Register:- In conformity with provision of CPWD Manual / as decided by Engineer-in-charge.

d) Register for labour: -

i) Register of wages

ii) Register of person employed

iii) Register for muster roll

iv) Advance Register

v) Employment card register etc.

e) Quality control register:-

Register relating to quality control conforming to specification of works as laid down in the Draft NIT shall be maintained as per guideline and proforma to be supplied by the Engineer-in-charge.

3. No labour under 14 years of age shall be employed in the work and all labourers employed shall be paid at the rates not less than those approved by Government of Tripura. Fair wage clause and relevant orders of the Government of Tripura will be binding on the contractor.

4. Contractor shall have to submit working programme with Bar chart within 15 days time of work order for works costing more than Rs. 30.00 lakhs. Otherwise his order may be cancelled

5. The rates shall be quoted in figures and words in/c. all taxes. The work should be done as per specification mentioned in the item of works.

6. Materials of any kind obtained from excavation on the site shall remain at the disposal of the Engineer-in-charge.

7. All tools, plants and instruments etc. required for the construction of the work will have to be arranged by the contractor at his own cost.

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8. No claim for idle labourers and establishment will be allowed on account of delay in supply of Departmental tools, plants and materials.
 9. Contractor shall be responsible for shortage or wastage of Department materials if issued to the contractor.
 10. Recovery of surplus quantity of materials issued but not returned shall be made from the contractor's bill at double the issue rate of materials.
 11. Traffic on the road should be maintained during working period and the contractor shall take adequate safety precautions for his workmen, pedestrians and other passers by accordingly. If necessary, he shall have to provide diversion road at his own cost.
 12. The contractor will not have any claim in case of delay by the department of removal of trees or shifting, raising, removing of Telegraph, telephone or electric lines (Overhead or underground) and other structure if any, which may come in the way of the work. However, suitable extension of time can be granted to cover such delays as provided in clause No.2.
 13. On the completion of works, the contractor shall clear away and removed from the site all constructional plant. Surplus materials, rubbish and temporary work of every kind and leave the whole of the site and works clean and in a workman like condition to the satisfaction of the Engineer-in-Charge.
 14. Contractor shall construct suitable go-down at site of work for store materials at his own cost Cement go down shall be constructed as per approved drawing and cement shall be stored as shown in the drawing. The go down shall be provided with double locks. The key of one lock will remain with the PWD and another with the contractor so that cement is issued with the knowledge of both the parties.
 15. The contractor shall indemnify the department or any agent, servant or employees of the department against action, claim or proceeding relating to infringement or use of any Patent or design rights and shall pay any royalties or other charges which may be payable in respect of any articles/ or materials or part thereof included in the contract.
 16. The contractor shall be responsible for true and proper setting out of the works. He shall be responsible for proper maintenance of all reference pillars. Bench Marks, stakes and other evidences existing in the field required in connection with the setting out of works at his own cost till physical completion of all items of the work or prior to that if agreed to by the Engineer-in-Charge.
 17. All such Bench Marks, reference pillars etc. established by the contractor shall be subject to check and approval of the Engineer-in-Charge or his authorized representative at all time. Any variations noticed in the work as a result of improper establishment or maintenance of these shall be at the risk and expense of the contractor.
 18. contractor shall provide and maintain at his own expense all lights, guards, fencing and watching when and where necessary and required by the Engineer-in Charge for the protection of the works or for the safety and convenience of those employed in the works or the public.
 19. The works that do not conform to specifications must be struck down and the rejected materials shall be removed by the contractor from the site of the works as directed by the Engineer-in Charge at his own risk and cost. No payment shall be made to the contractor for execution of such unspecified work as well as dismantling and removal of the rejected materials from the site of the work and material cost of dismantled works supplied by the department to be deducted double cost of issue rate from the contractor's bill.
 20. In addition to above, conditions of PWD form No-7 and notice inviting tender PWD.No-6A and general conditions as well as specifications, drawings, etc. attached in the tender document shall form part of the contract. In case of any contradiction between Form-7 and other conditions and specifications mentioned in the attached documents, the conditions mentioned in the other documents will prevail upon Form-7.
 21. Unless otherwise specified, the contractor shall provide and bear all the expenses and charge for special or temporary service roads required by him in connection with access to the site. He shall alter, adopt or maintain the same as required from time to time.

GENERAL TERMS CONDITION AND SPECIFICATION

1. It is impressed upon the contractor that they will have to produce very good workmanship strictly according to the specification and no plea will be heard that they are not able to execute any item.
2. If asked by the Department the agency shall submit necessary documents to the Department in support of, genuineness to the materials supplied by the agency. The contractor shall however supply and install best available quality of materials and component of materials should be highest specification as available in the local market.
 3. No payment will be made for bailing out water which may be necessary for the purpose of carrying out of the whole work.
4. There may be delay in handing over the site of work for which no claim of the Contractor will be entertained.
5. In addition to the condition of PWD Form No. 7 (seven) (in/c. pamphlet) NIT as well as specification and specified condition as stated herein will also form the part of the Agreement.
6. Contractor will arrange tools and plants as required in connection with the above work at his own cost and risk.
7. The materials to be used in this work shall strictly conform the technical specifications as mentioned in the relevant items of work schedule.
8. The work shall be carried out as per "Specification for Works in Tripura, 1972 Earth Work" unless otherwise stated in the Schedule of items with quantities and special condition mentioned below.
9. During the period, prior to the handing over of the work complete in all respects to the Engineer-in-Charge, damages to the work, if any, is to be made good by the contractor at his own cost and nothing extra will be paid.
10. Nothing extra will be paid for any lead or lift for earth work in excavation in side and through for disposal of soil not utilized in filling.
11. It is impressed upon the contractor that they will have to produce very good workmanship strictly according to the "Specification for Works in Tripura" and no plea will be heard that they are not able to execute any item.
12. Rate should be quoted both in figures as well as in words and shall be quoted up to second decimal place only. If any contractor(s) quote his / her rate beyond second decimal place, then his / her tender(s) will be declared informal at the time of opening and the same tender(s) will not be considered for evaluation of lowest tenderer.
13. Tripura VAT/GST & applicable Income Tax and surcharge will be deducted from gross amount of each bill.
14. Security Money will be released after 3 (three) months on successful completion of work.
15. Before submitting tender, tenderer(s) are to satisfy themselves by actual visit to the area of works in regards to the prevailing conditions of approaches and roads and availability of labours and materials and tender(s) submitting tenders shall be deemed to have done so. No claim on the above accounts will be entertained afterwards.
16. Required of materials with ISI mark are to be used in this work. Authenticated purchase document of materials shall have to be produced to the concern Assistant Engineer prior to utilization in this work.
17. All petty materials like black Wire, Nails, Polythene, Barak & Muli Bamboo, Dhari Mat, Jute bag, Polythene Pipe for carrying water for work & curing etc. to be provided by the contractor, shall be of reputed make and also as per specification stipulated in the schedule of work. Moreover, such materials / fittings shall have to be got approved by the concern Assistant Engineer prior to physical utilization in this work.

18. Valid sale tax (TCC)NAT clearance certificate issued in the name of tenderer (the validity of TCC should be last date of tender submission as mentioned in PNIT).

19. Valid license issued from labour department, Govt. of Tripura in the name of the tenderer regarding engagement of workers in the contract works (the validity of License should be last date of tender submission as mentioned in PNIT).

20. PAN card of the tenderer.

21. The agency shall have to submit Experience certificate in respect of successfully completion of any Department works of same value or more mentioning with reference of Name of work and respective work order no along with the tender documents from the officers not below the rank of Assistant Engineer, failing which the submitted tender will be liable for rejection/treated as informal.

(All such above documents should be attested either by a Group-A Gazetted Officer of State / central Government or by Notary and shall also be self-authenticated by intending tenderer).

CLAUSE-25

Except where otherwise provided in the contract, all questions and disputes relating to the specifications design, drawing and instructions herein before, mentioned and as to the quality of workmanship of materials used of the work or as to and other questions. Claim, right matter or thing whatsoever, in any way arising out of or relating to the contract, design, drawings specifications estimates, instructions order of these conditions or otherwise concerning the works or the execution of failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof shall be referred to the sole arbitration of the Chief Engineer, Rural Development Department (RDD) and in case he is unable to act as arbitrator, to the sole arbitration of any person to be appointed by such Chief Engineer. It will be no objection to any such appointment that the arbitrator so appointed is a Government servant that he had to deal with the matters to which the contract relates and that in the course of his duties as Government servant he had expressed views on all or any of the matters in dispute or difference. The arbitrator to whom the matter is originally referred being transferred or vacating his office or being unable to act for any reason the Chief Engineer as aforesaid as early as may be after such transfer, vacation of office of inability to act shall appoint another person to act as arbitrator in accordance with the terms of the contract such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor. It is also a term of this contract that no person other than a person appointed by the Chief Engineer as aforesaid should act as arbitrator and if for any reason that is not possible the matter is not to be referred to arbitration at all. In all cases where the total amount of the claim in dispute is Rs.50,000/- (Rupees fifty thousand) or above the arbitrator shall have reasons for the award.

It is a term of the contract that the party invoking arbitration shall specify the dispute to be referred to arbitration under these clauses together with amount or amounts claimed in respect of each such dispute.

The arbitrator (s) may from time to time with the consent of the parties, enlarge the time, for making and publishing the award.

Subjects as aforesaid the provision of the arbitration Act 1940 or any statutory modification or re-embankment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause.

It is also a term of the contract that if the contractor(s) do / does not make any demand for arbitration in respect of any claim(s) in writing with 90 (ninety) days of receiving the intimation from the Government that the bill ready for payment the claim of the contractor(s) will be deemed to have been waived absolutely and the Government shall be discharged and released of all the liabilities under the contract in respect of those claims.

**Percentage rate tender & contractor for works
for the guidance of contractors.
(Central P.W.D. Code Paragraph — 95)
General Rules and Directions for the Guidance of Contractors.**

All works proposed for execution by contractor will be noticed in a form of invitation to tender posted in public places signed by the Sub-Divisional Officer / Divisional Officer.

This form will state the work to be carried out as well as the date for submitting and opening tenders and the time allowed for carrying out the work; also the amount of earnest money to be deposited with the tender, and the percentage at which the Security Deposit shall be deducted from the bills of the successful tenderer. Copies of the specifications, designs and drawings and a schedule of quantities and of rates of the various descriptions of work and any other documents required in connection with the tender shall be signed for the purpose of identification by the Sub-Divisional Officer / Divisional Officer. These shall also be open for inspection by the contractor at the office of the Sub-Divisional Officer / Divisional Officer during office hours.

In the event of the tender being submitted by a firm it must be signed separately by each partner thereof or in the event of the absence of any partner it must be signed on his behalf by a person holding a power-of-attorney; authorizing him to do so such power-of-attorney to be produced with the tender and it must disclose that the firm is duly registered under the Indian Partnership Act.

Receipts for payments made on account of work when executed by a firm must also be signed by the several partners except where the contractors are described in their tender as a firm in which case the receipt must be signed in the name of the firm by one of the partners or by some other person having authority to give effectual receipts for the firm.

Any person who submits a tender shall fill up the usual printed form starting at how much percent above or below the estimated rates specified in Rule 1, he is willing to undertake the work. Only one rate of percentage more or less all the estimated rates / scheduled rates shall be named. Tenders which propose any alternation in the work specified in the said form of invitation to tender or in the time allowed for carrying out the work or which contain any other conditions of any sort, will be liable to rejection. No single tender shall include more than one work but contractors who wish to tender for two or more works shall submit a separate tender for each. Tenders shall have the name and number of the work to which they refer written outside the envelope.

A. The rate (S) and / or amount (S) must be quoted in decimal coinage.

The Sub-Divisional Officer / Divisional Officer or his duly authorized assistant will open tenders in the presence of any intending contractors who may be present at the time and will enter the amount of the several tenders in a Comparative Statement suitable form, in the event of a tender being accepted a receipt for the earnest money forwarded therewith shall thereupon be given to the contractor who shall thereupon for the purpose of identification sign copies of the specifications and other documents mentioned in Rule 1. In the event of a tender being rejected the earnest money forwarded with such unaccepted tender shall thereupon be returned to the contractor remitting the same.

The Officer inviting tender shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest tender.

The receipt of an accountant or clerk for any money paid by the contractor will not be considered as any acknowledgement of payment to the Sub-Divisional Officer / Divisional Officer and the Contractor shall be responsible for seeing that the procures a receipt signed by the Sub-Divisional Officer / Divisional Officer or a duly authorized cashier.

The memorandum of work tendered for and the schedule of materials to be supplied by the Tripura Public Works Department and their issue rates shall be filled in and completed in the office of the Sub-Divisional Officer / Divisional Officer before the tender form is issued. If form is issued to an intending tenderer without having been so filled in and completed he shall request the officer to have this done before he completes and delivers his tender.

Percentage Rate—Tender for works

I / We tender for the calculation for the Governor of Tripura of the work specified in the under written memorandum within the time specified I such memorandum at an amount of Rs.....(Rupees.....)

i.e.....) percent below /above the rates entered in the schedule mentioned in Rule I and in accordance in all respects with the specifications, designs, drawings, and instructions in writing referred to in Rule 1 hereof with clause II of the conditions of contract and with such materials as are provided for and in all other respects in accordance with such conditions so far as applicable. I / we hereby agree to the percentage mentioned above being deducted from / added to the great amount of the bills from work done.

MEMORANDUM

General description :- Construction of TRLM Building at Dumburnagar R.D Block under R.D Ambassa Division

- a) Estimated Cost **Rs. 85,60,450.00**
- b) Tender Value Rs.
- c) Earnest Money **Rs. 85,605.00**
- d) Security deposit = 10% (ten percent) of the contract value without any ceiling limit.
 - i) 10 % (ten) percent of the tendered value in/c. earnest money deposited at the time of tender / Before issuance of work order.
 - ii) The Security deposit will be deducted from running account bills of the contractor @10% (ten) percent subject to a maximum of 10% (ten) percent of the tendered value.

e) Time allowed for the work the 3th days after the date of written order .) month(s) to commence(.....) month(s) should this tender be accepted, in whole or in part, I / We hereby agree.

i) to abide by and fulfill all the forms and provisions or the said conditions annexed hereto all the terms and provisions contained in notice inviting tenders so far as applicable and / or in thereof to forfeit and pay to Government of Tripura or his successors in office the sum of mentioned in the said conditions. A sum of

Rs..... (Rupees.....) D. Call

bearing No..... Date..... of Branch is

hereby forwarded (mode of deposit shall be as per clause 9(a) of PWD Form 6A of this tender document) as Earnest Money. If l/we fail to commence the work specified in the above Memorandum, l/we agree that the Governor or his successors in office shall without prejudice to any other righter remedy be at liberty forfeit the said Earnest Money absolutely, otherwise said Earnest Money shall be retained by him, towards Security Deposit mentioned against Clause (d) of the above mentioned Memorandum:

(ii) to execute all the works referred to in the tender documents upon the terms and conditions contained referred to therein and to carry out such deviations as may be ordered up to a maximum of 30(Thirty) percent a the rates quoted in the tender documents and those in excess of that limit at the rates to be determined ir accordance with the provisions contained in Clause 12A of the tender form.

I / We agree that should I / we fail to commence the work specified in the above memorandum an amount equal to the amount of the earnest money mentioned in the form of invitationof tender shall be absolutely forfeited to the Governor of Tripura and the same may at the option of the Governor be recovered out of the deposit in as far as the same may extend in terms of the said Bond and in the event of deficiency out of other money due to me /us or otherwise.

Dated the day of 2018

Signature of the Contractor

Witness

Address.....

Occupation.....

Signature of contractor before submission of tender

Signature of witness to contractor's signature

Official Use

The above tender for the sum of (Rupees.....) only is hereby accepted by me (Designation of the Officer) on behalf of the Governor of Tripura.

Dated the day of 2018

Signature of the officer by whom accepted.

**Name of Work:- Construction of TRLM Building at Dumburnagar R.D Block under R.D
Ambassa Division**

SL. NO.	PARTICULARS OF ITEMS	QUANTITY	RATE	UNIT	AMOUNT
BUILDING PORTION					
A	SUB-HEAD : EARTH WORK				
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.				
	All kinds of soil	44.168	Cum	` 128.80	Cum ₹ 5,689.00
					(Rupees One Hundred Twenty Eight & Paise Eighty) Only
2	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
	All kinds of soil	230.740	Cum	` 150.10	Cum ₹ 34,634.00
					(Rupees One Hundred Fifty & Paise Ten) Only
3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.				
	All kinds of soil	153.830	Cum	` 116.40	Cum ₹ 17,906.00
					(Rupees One Hundred Sixteen & Paise Forty) Only
4	Supplying and filling in plinth, under floor, foundations etc. with sand (fine) from local quarry with all lifts including spreading in horizontal layers, watering, grading to required slope, ramming, consolidating and compacting each layer by using plate compactor or by any suitable method complete.				
		80.440	Cum	` 615.20	Cum ₹ 49,487.00
					(Rupees Six Hundred Fifteen & Paise Twenty) Only
5	Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyriphos/Lindane emulsifiable concentrate of 20%				
		64.640	Litre	` 287.60	Litre ₹ 18,590.00
					(Rupees Two Hundred Eighty Seven & Paise Sixty) Only

6	Diluting and injecting chemical emulsion for POST-CONSTRUCTION anti-termite treatment as per IS: 6313 (Part-III)-Latest revision (excluding the cost of chemical emulsion):					
(a)	Along the external wall below concrete or masonry apron using chemical emulsion @ 2.25 litres per linear metre including drilling and pluggingholes etc. With Chlorpyriphos/Lindane E.C. 20% with 1% concentration.	209.250	Sqm	` 27.90	Sqm	₹ 5,838.00
						(Rupees Twenty Seven & Paise Ninety) Only
(b)	Treatment of soil under plinth filling using chemical emulsion @ one litre per hole, 300 mm apart includingdrilling12 mm diameter holes and pluggingwith sand filling: With Chlorpyriphos/Lindane E.C. 20% with 1% concentration.	26.000	Sqm	` 48.80	Sqm	₹ 1,269.00
						(Rupees Forty Eight & Paise Eighty) Only
						TOTAL ₹ 1,33,413.00
B SUB-HEAD : CEMENT CONCRETE WORK						
7	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-All work Upto plinth level:					
(a)	1:4:8 (1 Cement: 4 fine sand : 8 graded stone aggregate 40 mm nominal size)	36.210	Cum	` 6707.00	Cum	₹ 2,42,860.00
						(Rupees Six Thousand Seven Hundred Seven) Only
(b)	1:2:4 (1 Cement: 2 fine sand : 4 graded stone aggregate 20 mm nominal size)	4.580	Cum	` 8086.90	Cum	₹ 37,038.00
						(Rupees Eight Thousand Eighty Six & Paise Ninety) Only
(c)	1:3:6 (1 Cement: 2 fine sand : 6 graded stone aggregate 20 mm nominal size)	4.020	Cum	` 7567.60	Cum	₹ 30,422.00
						(Rupees Seven Thousand Five Hundred Sixty Seven & Paise Sixty) Only
8	Centering shuttering includingstruttings, propping etc. and removal of form work for:					
	Foundations, footings, bases for columns.	45.680	sqm	` 234.30	sqm	₹ 10,703.00
						(Rupees Two Hundred Thirty Four & Paise Thirty) Only
9	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturers' specification.	269.990	Kg	` 79.10	Per 50 Kg of cement	₹ 21,356.00
						(Rupees Seventy Nine & Paise Ten) Only

10	Making plinth protection 50mm thick of cement concrete 1:3:6(1 cement : 3 fine sand : 6 graded well burnt brick aggregate 20 mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth.	67.000	Sqm	` 574.50	Sqm	₹ 38,492.00
				(Rupees Five Hundred Seventy Four & Paise Fifty) Only		
					TOTAL	₹ 3,80,871.00
C	SUB-HEAD : RCC WORK					
11	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement. - All work up to plinth level					
	1:1½:3 (1 Cement: 1½ fine sand : 3 graded stone aggregate 20 mm nominal size)	67.520	Cum	` 8439.60	Cum	₹ 5,69,842.00
				(Rupees Eight Thousand Four Hundred Thirty Nine & Paise Sixty) Only		
12	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and skirting courses, fillets, columns, pillars, piers, abutments, posts and struts etc. upto floor five level excluding cost of centring, shuttering, finishing and reinforcement-					
(b)	In plinth and skirting courses, fillets, columns, pillars, posts and struts					
	1:1½:3 (1 Cement: 1½ fine sand : 3 graded stone aggregate 20 mm nominal size)	20.090	Cum	` 8967.30	Cum	₹ 1,80,153.00
				(Rupees Eight Thousand Nine Hundred Sixty Seven & Paise Thirty) Only		
13	Reinforced cement concrete work in suspended floors, roofs having slope upto 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement-					
a)	RCC work in suspended floors, roofs having slope upto 15° landings, balconies, shelves and chajjas.					
	1:1½:3 (1 Cement: 1½ fine sand : 3 graded stone aggregate 20 mm nominal size)	74.980	Cum	` 8841.00	Cum	₹ 6,62,898.00
				(Rupees Eight Thousand Eight Hundred Forty One) Only		
b)	RCC work in beams, lintels, bands, plain window sills, staircases and spiral staircases excluding precast spiral staircase.					
	1:1½:3 (1 Cement: 1½ fine sand : 3 graded stone aggregate 20 mm nominal size)	48.060	Cum	` 8807.50	Cum	₹ 4,23,288.00

			(Rupees Eight Thousand Eight Hundred Seven & Paise Fifty) Only			
14	Providing and laying upto floor five level reinforced cement concrete work in vertical and horizontal fins individually or forming box louvers facias and eaves boards excluding the cost of centring, shuttering, finishing and reinforcement- 1:1½:3 (1 Cement: 1½ fine sand : 3 graded stone aggregate 20 mm nominal size)	0.000	Cum	` 10190.00	Cum	₹ 0.00
			(Rupees Ten Thousand One Hundred Ninety) Only			
15	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto floor five level. Thermo-Mechanically Treated bars/ Cold twisted deformed steel bars	29519.070	Kg.	` 59.70	Kg.	₹ 17,62,288.00
			(Rupees Fifty Nine & Paise Seventy) Only			
16	Providing precast cement concrete Jali 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering, roughening cleaning, fixing and finishing in cement mortar 1:3(1cement : 3 fine sand) etc. complete, excluding the plastering of jambs, sills and soffits. 50 mm thick	6.210	Sqm.	` 581.60	Sqm.	₹ 3,612.00
			(Rupees Five Hundred Eighty One & Paise Sixty) Only			
17	Centering shuttering including struttings, propping etc. and removal of form work for:					
(a)	Foundations, footings, bases for columns etc. for mass concrete with timber plank	231.600	Sqm.	` 226.10	Sqm	₹ 52,365.00
			(Rupees Two Hundred Twenty Six & Paise Ten) Only			
(b)	Suspended floors, roofs, landings, balconies and access platform with timber planks	291.710	Sqm.	` 389.80	Sqm	₹ 1,13,709.00
			(Rupees Three Hundred Eighty Nine & Paise Eighty) Only			
(c)	Lintels, beams, plinth beams, girders, bressumers and cantilevers with shuttering ply	717.460	Sqm.	` 327.70	Sqm	₹ 2,35,112.00
			(Rupees Three Hundred Twenty Seven & Paise Seventy) Only			
(d)	Columns, Pillars, Piers, Abutments, Posts and Struts with shuttering ply	307.540	Sqm.	` 429.30	Sqm	₹ 1,32,027.00
			(Rupees Four Hundred Twenty Nine & Paise Thirty) Only			
(e)	Stairs (excluding landings) except spiral-staircases with wooden plank	39.770	Sqm.	` 396.60	Sqm	₹ 15,773.00
			(Rupees Three Hundred Ninety Six & Paise Sixty) Only			
(f)	Edges of slabs and breaks in floors and walls under 20 cm. wide	26.780	Metre	` 91.80	Metre	₹ 2,458.00

				(Rupees Ninety One & Paise Eighty) Only		
(g)	Weather shade, Chajjas, corbels etc., including edges.	54.740	Sqm.	` 376.10	Sqm	₹ 20,588.00
				(Rupees Three Hundred Seventy Six & Paise Ten) Only		
					TOTAL	₹ 41,74,113.00
D	SUB-HEAD : BRICK WORK					
18	First class brick work in foundation and plinth including cost of all materials as required complete.					
(a)	In cement mortar 1:4 (1 cement : 4 fine sand).	5.130	Cum	` 5408.60	Cum	₹ 27,746.00
				(Rupees Five Thousand Four Hundred Eight & Paise Sixty) Only		
(b)	In cement mortar 1:6 (1 cement : 6 fine sand).	25.250	Cum	` 5167.10	Cum	₹ 1,30,469.00
				(Rupees Five Thousand One Hundred Sixty Seven & Paise Ten) Only		
19	First class brick work in superstructure above plinth level & upto floor-five level including cost of all materials as required complete.					
	In cement mortar 1:6 (1 cement : 6 fine sand).	53.850	Cum	` 5694.20	Cum	₹ 3,06,633.00
				(Rupees Five Thousand Six Hundred Ninety Four & Paise Twenty) Only		
20	Half brick masonry work with first class bricks in superstructure upto floor five level including cost of all materials as required complete:-					
	In cement mortar 1:4 (1 cement : 4 fine sand).	625.380	Sqm.	` 787.30	Sqm.	₹ 4,92,362.00
				(Rupees Seven Hundred Eighty Seven & Paise Thirty) Only		
21	Extra for providing & placing in position 2 nos 6mm dia MS bars at every 4th course of half brick masonry work including anchorage in joints of 75mm in each side in superstructure for all level including cost of all materials as required complete:-					
	In cement mortar 1:4 (1 cement : 4 fine sand).	625.380	Sqm.	` 157.60	Sqm.	₹ 98,560.00
				(Rupees One Hundred Fifty Seven & Paise Sixty) Only		
					TOTAL	₹ 10,55,770.00
E	SUB-HEAD : MARBEL WORK					
22	Providing and fixing gang saw cut of approved thickness mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, windows sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base of cement mortar 1:4 (1 cement : 4 fine sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels:-					

a)	18 mm thick Rajnagar Plain white marble/ Udaipur green marble/ Zebra black marble or equivalent duly approved:- Area of slab upto 0.50 sqm.	2.400	Sqm.	` 1950.90	Sqm.	₹ 4,682.00
				(Rupees One Thousand Nine Hundred Fifty & Paise Ninety) Only		
23	Providing edge moulding to approved thickness marble stone counters, vanities etc. including machine polishing to edge to give high gloss finish etc. complete at all levels as required as per design approved by the Engineer-in-charge:-					
a)	18 mm Marble work.	4.000	Metre	` 142.10	Metre	₹ 568.00
				(Rupees One Hundred Forty Two & Paise Ten) Only		
24	Providing and fixing stone slab table rubbed, edges rounded and polished of size 75x50 cm deep and approved thickness fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4(1 cement : 2 fine sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth including rubbing, curing etc. complete at all levels as required (measurement should be of exposed finished work):- White Agaria Marble Stone of approved shade of 18 mm thick (75x50 cm)	1.600	Sqm.	` 3067.80	Sqm.	₹ 4,908.00
				(Rupees Three Thousand Sixty Seven & Paise Eighty) Only		
					TOTAL	₹ 10,158.00
F	SUB-HEAD : WOOD & PVC WORK					
25	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position:					
	Local Teak wood	2.310	Cum	` 54568.30	Cum	₹ 1,26,053.00
				(Rupees Fifty Four Thousand Five Hundred Sixty Eight & Paise Thirty) Only		
26	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for paneled or paneled and glazed shutters 25 to 40 mm thick.					
a)	Local Teak Wood 16mm. Thick	34.620	Sqm.	` 1319.00	Sqm	₹ 45,664.00
				(Rupees One Thousand Twenty Six & Paise Forty) Only		

27	Providing and fixing ISI marked flush door shutters conforming to IS:2202 (part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or croos bands and face venners on both faces of shutters.					
	35mm thick including ISI marked stainless steel butt hinges with necessary screws	50.400	Sqm.	` 1613.10	Sqm.	₹ 81,300.00
				(Rupees One Thousand Six Hundred Thirteen & Paise Ten) Only		
28	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete.					
	Fixed to openings /wooden frames with rawl plugs screws etc.	1264.800	Kg.	` 101.60	Kg.	₹ 1,28,504.00
				(Rupees One Hundred One & Paise Sixty) Only		
29	Providing 40 × 5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30 × 10 × 15 cm 1:3:6 mix (1 cement : 3 fine sand : 6 graded stone aggregate 20mm nominal size)	218	Nos.	` 133.50	No.	₹ 29,103.00
				(Rupees One Hundred Thirty Three & Paise Fifty) Only		
30	Providing and fixing IS: 1341 marked M.S. heavy weight Butt hinges with necessary screws etc. complete					
(a)	125 x 90 x 4 mm	126.000	Nos.	` 60.30	No.	₹ 7,598.00
				(Rupees Sixty & Paise Thirty) Only		
(b)	100 x 75 x 3.5 mm	130.000	Nos.	` 39.50	No.	₹ 5,135.00
				(Rupees Thirty Nine & Paise Fifty) Only		
31	Providing and fixing aluminium sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete :					
(a)	300 x 16 mm	21	Nos.	` 247.00	No.	₹ 5,187.00
				(Rupees Two Hundred Forty Seven) Only		
(b)	250 x 16 mm	15	Nos.	` 205.10	No.	₹ 3,077.00
				(Rupees Two Hundred Five & Paise Ten) Only		
32	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS 1868) transparent or dyed to required colour or shade with necessary screws etc. complete.					
(a)	300 x 10 mm	40	Nos.	` 109.70	No.	₹ 4,388.00
				(Rupees One Hundred Nine & Paise Seventy) Only		
(b)	250 x 10 mm	143	Nos.	` 85.80	No.	₹ 12,269.00

			(Rupees Eighty Five & Paise Eighty) Only			
33	Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete :					
(a)	125 mm	40	Nos.	` 57.10	No.	₹ 2,284.00
			(Rupees Fifty Seven & Paise Ten) Only			
(b)	100 mm	57	Nos.	` 42.80	No.	₹ 2,440.00
			(Rupees Forty Two & Paise Eighty) Only			
34	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. Single rubber stopper	15	Nos.	` 34.60	No.	₹ 519.00
			(Rupees Thirty Four & Paise Sixty) Only			
35	Providing and fixing bright finished 100mm mortice lock with 6 levers without pair of handles for aluminium door with necessary screws etc complete (Best make of approved quality) as per direction of Engineer-in-charge.	3.000	Nos.	` 502.80	No.	₹ 1,508.00
			(Rupees Five Hundred Two & Paise Eighty) Only			
36	Providing and fixing factory made door frame (single rebate) made of solid PVC foam profile with homogenous fine cellular structure having smooth outer integral skin having 60mm width & 30mm thickness and shall be fixed to wall as per instructions of Engineer-In-Charge using 100x8 sheet metal CSK screws.	64.350	Metre	` 402.00	Metre	₹ 25,869.00
			(Rupees Four Hundred Two) Only			
37	Providing and fixing 28 mm thick door shutter made of solid PVC foam profile with homogenous fine cellular structure having smooth outer integral skin having 71mm width & 28mm thick as vertical & horizontal styles. Joints are made using solvent adhesive and GI 'C' sections (39mm x 19mm x 0.6mm thick) or M S pipe (40mm x 20mm) stiffener frame insert & telescopic polymeric 'L' corners .The panel shall be filled with 3mm thick high - pressure compact laminate as per manufacturer's specifications and directions of the Engineer-in-charge, cover moulding shall be provided for covering fixing screws and elegant look.(for W.C. bathroom door shutter).	20.475	Sqm.	` 2569.40	Sqm.	₹ 52,608.00
			(Rupees Two Thousand Five Hundred Sixty Nine & Paise Forty) Only			

38	Providing and fixing IS : 3564 marked Aluminium die cast body tubular type universal hydraulic door closer with necessary accessories and screws etc. complete.	3	Nos.	` 803.60	No.	₹ 2,411.00
						(Rupees Eight Hundred Three & Paise Sixty) Only
					TOTAL	₹ 5,35,917.00
G SUB-HEAD : STEEL WORK						
39	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm at 100 mm centre to centre and braced with flat iron diagonals 20x5mm size with top and bottom rail of T-iron 40x40x6mm with 40mm dia. steel pulleys & with riveted bolts, nuts, locking arrangement, stoppers, handles, hold fast /anchor bolt including embedding in cement concrete of required grade for fixing in position, all necessary fittings, including applying a priming coat of approved steel primer etc. complete as required.	11.130	Sqm.	` 5341.00	Sqm.	₹ 59,445.00
						(Rupees Five Thousand Three Hundred Forty One) Only
40	Providing and fixing fan clamp type-I of 16 mm dia M.S. bar bent to shape with hooked ends in R.C.C. slabs during laying including painting the exposed portion of loop, all as per standard design complete.	36.000	Nos.	` 113.60	each	₹ 4,090.00
						(Rupees One Hundred Thirteen & Paise Sixty) Only
41	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, including fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	99.000	Kg.	` 502.50	Kg.	₹ 49,748.00
						(Rupees Five Hundred Two & Paise Fifty) Only
					TOTAL	₹ 1,13,283.00
H SUB-HEAD : FLOORING AND SKIRTING WORK						

41	Providing and fixing 25 mm thick pre-polished colored concrete designer tiles making by strong vibratory compaction technology using 50% white cement and 50% ordinary cement of size 300mm x 300mm, laid in footpath & courtyard, on 20 mm thick bed of cement mortar 1 : 4 (1 cement : 4 fine sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and cleaning etc. complete as per direction of the Engineer-in-charge.	51.275	Sqm.	777.90	Sqm.	₹ 39,887.00
				(Rupees Seven Hundred Seventy Seven & Paise Ninety) Only		
42	Providing and fixing Marble stone in floors over 20 mm thick bed of cement mortar 1 : 4 (1 cement : 4 fine sand) jointed with ordinary cement slurry including pointing with white cement mixed with of matching shade, including rubbing and polishing complete.					
	18mm thick Marble Stone					
	Rajnagar plain marble	101.15	Sqm.	1842.50	Sqm.	₹ 1,86,369.00
				(Rupees One Thousand Eight Hundred Forty Two & Paise Fifty) Only		
43	Providing and fixing Marble tiles in skirting , risers of steps, dado etc. (upto 2 m height) over 12 mm thick bed of cement mortar 1 : 3 (1 cement : 3 fine sand) jointed with ordinary cement slurry including pointing with white cement mixed with of matching shade complete.					
	8mm thick Rajnagar Marble Tiles (polished)	19.350	Sqm.	940.00	Sqm.	₹ 18,189.00
				(Rupees Nine Hundred Forty) Only		
44	Providing and laying 1st quality ceramic glazed floor tiles of approved size conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades as approved by Engineer-in-charge over 20 mm thick bed of cement mortar 1 : 4 (1 cement : 4 fine sand) jointed with ordinary cement slurry including pointing with white cement mixed with pigment of matching shade complete.					
	Ceramic glazed tiles 1st quality 300x300 mm in all shades and designs.	53.030	Sqm.	670.40	Sqm.	₹ 35,551.00
				(Rupees Six Hundred Seventy & Paise Forty) Only		

45	Providing and laying polished Vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make in all colours, shades over 20 mm thick bed of cement mortar 1:4 (1 cement: 4 fine sand) jointed with ordinary cement slurry including pointing with white cement mixed with pigment of matching shade complete					
	Size of tile 60 x 60 cm	388.300	Sqm.	` 1108.20	Sqm.	₹ 4,30,314.00
				(Rupees One Thousand One Hundred Eight & Paise Twenty) Only		
46	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades of any size as approved by Engineer-in-charge in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1 : 3 (1 cement : 3 fine sand) jointed with ordinary cement slurry including pointing with white cement mixed with pigment of matching shade complete.					
		271.530	Sqm.	` 677.50	Sqm.	₹ 1,83,962.00
				(Rupees Six Hundred Seventy Seven & Paise Fifty) Only		
47	Providing and laying cement concrete 1:2:4 (1 cement: 2 fine sand : 4 graded stone aggregate 20 mm nominal size) flooring finished with a floating coat of neat cement including cement slurry, rounding of edges and strips and cost of glass strips etc. complete.					
	40 mm thick	7.200	Sqm.	` 481.50	Sqm.	₹ 3,467.00
				(Rupees Four Hundred Eighty One & Paise Fifty) Only		
					TOTAL	₹ 8,97,739.00
I SUB-HEAD : FINISHING WORK						
48	12 mm cement plaster of mix					
(a)	In cement mortar 1 : 4 (1 cement : 4 fine sand)	171.050	Sqm.	` 150.50	Sqm.	₹ 25,743.00
				(Rupees One Hundred Fifty & Paise Fifty) Only		
(b)	In cement mortar 1 : 6 (1 cement : 6 fine sand)	1300.810	Sqm.	` 136.30	Sqm.	₹ 1,77,300.00
				(Rupees One Hundred Thirty Six & Paise Thirty) Only		
49	15 mm cement plaster on the rough side of single or half brick wall of mix:					
	In cement mortar 1 : 6 (1 cement : 6 fine sand)	1149.610	Sqm	` 157.80	Sqm.	₹ 1,81,408.00
				(Rupees One Hundred Fifty Seven & Paise Eighty) Only		
50	6 mm cement plaster of mix:					
	In cement mortar 1 : 3 (1 cement : 3 fine sand)	625.550	Sqm.	` 142.80	Sqm.	₹ 89,329.00
				(Rupees One Hundred Forty Two & Paise Eighty) Only		
51	Neat cement punning.	171.050	Sqm.	` 44.30	Sqm.	₹ 7,578.00

			(Rupees Forty Four & Paise Thirty) Only			
52	Distemping with oil bound washable distemper of approved brand and manufacture and of required shade on new work (two or more coats), over and including water thinnable priming coat to give an even shade. [Payment shall be made after submission of Test Certificate issued by the Manufacturer]	2417.550	Sqm.	` 92.60	Sqm.	₹ 2,23,865.00
			(Rupees Ninety Two & Paise Sixty) Only			
53	Finishing walls with premium acrylic smooth exterior paint of required shade of approved brand and manufacture on new work (two or more coats applied @ 1.43 litre/10 sqm) over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm complete. [Payment shall be made after submission of Test Certificate issued by the Manufacturer]	829.475	Sqm.	` 93.20	Sqm.	₹ 77,307.00
			(Rupees Ninety Three & Paise Twenty) Only			
54	Applying priming coat: [Payment shall be made after submission of Test Certificate issued by the Manufacturer]					
a)	With ready mixed pink primer of approved brand and manufacture on wood work (hard & soft wood).	197.780	Sqm.	` 31.90	Sqm.	₹ 6,309.00
			(Rupees Thirty One & Paise Ninety) Only			
b)	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel, galvanised iron / steel work.	71.550	sqm	26.80	sqm	₹ 1,918.00
			(Rupees Twenty Six & Paise Eighty) Only			
55	Painting with synthetic enamel paint (two or more coats) of required colour of approved brand and manufacture on new work to give an even shade. [Payment shall be made after submission of Test Certificate issued by the Manufacturer]	269.330	Sqm.	` 73.90	Sqm.	₹ 19,903.00
			(Rupees Seventy Three & Paise Ninety) Only			
					TOTAL	₹ 8,10,660.00
PLUMBING WORKS						
J SUB-HEAD : SANITARY WORKS						
56	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern 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 Orrisa pattern W.C. pan of size 580x440 mm with integral type foot rests.	6	Nos.	` 3842.50	Each	₹ 23,055.00
				(Rupees Three Thousand Eight Hundred Forty Two & Paise Fifty) Only		
57	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 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	4	Nos.	` 3778.60	Each	₹ 15,114.00
				(Rupees Three Thousand Seven Hundred Seventy Eight & Paise Sixty) Only		
58	Providing and fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe.	3	Nos.	` 1728.20	Each	₹ 5,185.00
				(Rupees One Thousand Seven Hundred Twenty Eight & Paise Twenty) Only		
59	Fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm and 340x410x265mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :					
	Range of four urinal basins with 10 litre white PVC automatic flushing cistern	2	Nos.	` 9183.20	Each	₹ 18,366.00
				(Rupees Nine Thousand One Hundred Eighty Three & Paise Twenty) Only		
60	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings:					
	Flat back wash basin of size 550x400mm.	10	Nos.	` 971.80	Each	₹ 9,718.00
				(Rupees Nine Hundred Seventy One & Paise Eighty) Only		
61	Providing and fixing Stainless Steel AISI 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 without drain board 610x460 mm bowl depth 200 mm.	1	Nos.	` 2857.40	Each	₹ 2,857.00
				(Rupees Two Thousand Eight Hundred Fifty Seven & Paise Forty) Only		

62	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.					
(a)	Semi rigid pipe 32 mm dia	15	Nos.	` 67.00	Each	₹ 1,005.00
				(Rupees Sixty Seven) Only		
(b)	Flexible pipe 32 mm dia	15	Nos.	` 79.00	Each	₹ 1,185.00
				(Rupees Seventy Nine) Only		
63	Providing and fixing 600x450 mm bevelled 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.	10	Nos.	` 699.20	Each	₹ 6,992.00
				(Rupees Six Hundred Ninety Nine & Paise Twenty) Only		
64	Providing and fixing 600x120x5mm glass shelf with edges round of supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	13	Nos.	` 428.80	Each	₹ 5,574.00
				(Rupees Four Hundred Twenty Eight & Paise Eighty) Only		
65	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour.					
	450mm long towel rail with total length of 495mm, 78mm wide and effective height of 88mm, weighing not less than 170gms	13.000	Nos.	` 449.40	Each	₹ 5,842.00
				(Rupees Four Hundred Forty Nine & Paise Forty) Only		
66	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements weighing not less than 106 gms.	13.000	Nos.	` 117.30	Each	₹ 1,525.00
				(Rupees One Hundred Seventeen & Paise Thirty) Only		
67	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colours weighing not less than 105 gms	13	Nos.	` 188.50	Each	₹ 2,451.00
				(Rupees One Hundred Eighty Eight & Paise Fifty) Only		
68	Providing and fixing PTMT towel ring trapezoidal shape 215mm long, 200mm wide with a minimum distances of 37mm from wall face with concealed fittings arrangement of approved quality and colours weighing not less than 80 gms	3	Nos.	` 217.50	Each	₹ 653.00
				(Rupees Two Hundred Seventeen & Paise Fifty) Only		

69	Providing and fixing soil, waste and vent pipes: 100 mm dia. Sand cast iron S&S pipe as per IS: 1729.	90.000	Metre	` 793.40	Metre	₹ 71,406.00
						(Rupees Seven Hundred Ninety Three & Paise Forty) Only
70	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/ cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10cm of 1:2:4 mix (1 cement: 2 coarse sand : 4 graded stone aggregate 20mm nominal size) including cost of cutting holes and making good the walls etc. : For 100 mm dia. Pipe	120	Nos.	` 166.60	Each	₹ 19,992.00
						(Rupees One Hundred Sixty Six & Paise Sixty) Only
71	Providing and fixing heel rest sanitary bend 100 mm dia Sand cast iron S&S as per IS - 1729	12	Nos.	` 401.50	Each	₹ 4,818.00
						(Rupees Four Hundred One & Paise Fifty) Only
72	Providing and fixing single equal plain junction of required degree 100x100x100mm Sand cast iron S&S as per IS - 1729	12	Nos.	` 498.50	Each	₹ 5,982.00
						(Rupees Four Hundred Ninety Eight & Paise Fifty) Only
73	Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. 100x100x100mm Sand cast iron S&S as per IS - 1729	12	Nos.	` 546.30	Each	₹ 6,556.00
						(Rupees Five Hundred Forty Six & Paise Thirty) Only
74	Providing and fixing double equal plain junction of required degree. 100x100x100x100mm Sand cast iron S&S as per IS - 1729	6	Nos.	` 717.90	Each	₹ 4,307.00
						(Rupees Seven Hundred Seventeen & Paise Ninety) Only
75	Providing and fixing collar: 100 mm Sand cast iron S&S as per IS - 1729	15	Nos.	` 234.40	Each	₹ 3,516.00
						(Rupees Two Hundred Thirty Four & Paise Forty) Only
76	Providing and fixing sand cast iron S&S offsets as per IS: 1729 152 mm offsets With 100 mm dia. Pipe	12	Nos.	` 651.70	Each	₹ 7,820.00
						(Rupees Six Hundred Fifty One & Paise Seventy) Only
77	Providing and fixing terminal guard: 100 mm Sand cast iron S&S as per IS - 1729	12	Nos.	` 256.50	Each	₹ 3,078.00

					(Rupees Two Hundred Fifty Six & Paise Fifty) Only	
78	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter:					
	100mm	25	Nos.	` 303.10	Each	₹ 7,578.00
					(Rupees Three Hundred Three & Paise Ten) Only	
79	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors:					
	100 mm inlet and 100 mm outlet					
	Sand Cast Iron S&S as per IS: 1729.	6	Nos.	` 667.30	Each	₹ 4,004.00
					(Rupees Six Hundred Sixty Seven & Paise Thirty) Only	
80	Cutting chases in brick masonry walls for following diameter sand cast iron/centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6(1 cement : 3 coarse sand :6 graded stone aggregate 12.5 mm nominal size) including necessary plaster and pointing in cement mortar 1:4(1cement: 4 coarse sand):					
	100 mm dia.	15.000	Metre	` 345.30	Metre	₹ 5,180.00
					(Rupees Three Hundred Forty Five & Paise Thirty) Only	
						TOTAL ₹ 2,43,759.00
K	SUB-HEAD : WATER SUPPLY					
81	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. - Internal work-Exposed on wall					
(a)	15 mm dia. nominal bore	48.000	Metre	` 195.60	Metre	₹ 9,389.00
					(Rupees One Hundred Ninety Five & Paise Sixty) Only	
(b)	20 mm dia. nominal bore	18.000	Metre	` 245.50	Metre	₹ 4,419.00
					(Rupees Two Hundred Forty Five & Paise Fifty) Only	
(c)	25 mm dia. nominal bore	50.000	Metre	` 294.70	Metre	₹ 14,735.00
					(Rupees Two Hundred Ninety Four & Paise Seventy) Only	
(d)	40 mm dia. nominal bore	30.000	Metre	` 463.30	Metre	₹ 13,899.00
					(Rupees Four Hundred Sixty Three & Paise Thirty) Only	
82	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete :					
	25 to 40 mm nominal bore	15	Nos.	` 395.30	Each	₹ 5,930.00
					(Rupees Three Hundred Ninety Five & Paise Thirty) Only	
83	Providing and fixing brass bib cock of approved quality :					
	15 mm nominal bore	15	Nos.	` 267.40	Each	₹ 4,011.00
					(Rupees Two Hundred Sixty Seven & Paise Fortv) Only	

84	Providing and fixing brass stop cock of approved quality :					
	15 mm dia nominal bore	25	Nos.	` 278.50	Each	₹ 6,963.00
				(Rupees Two Hundred Seventy Eight & Paise Fifty) Only		
85	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end):					
(a)	25 mm nominal bore	4	Nos.	` 413.90	Each	₹ 1,656.00
				(Rupees Four Hundred Thirteen & Paise Ninety) Only		
(b)	40 mm nominal bore	1	Nos.	` 582.70	Each	₹ 583.00
				(Rupees Five Hundred Eighty Two & Paise Seventy) Only		
86	Providing and fixing gun metal non-return valve of approved quality (screwed end):					
a)	25 mm nominal bore Vertical	2	Nos.	` 462.70	Each	₹ 925.00
				(Rupees Four Hundred Sixty Two & Paise Seventy) Only		
b)	40 mm nominal bore Vertical	2	Nos.	` 890.60	Each	₹ 1,781.00
				(Rupees Eight Hundred Ninety & Paise Sixty) Only		
87	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 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	4000	Litre	` 9.50	Per Litre	₹ 38,000.00
				(Rupees Nine & Paise Fifty) Only		
88	Constructing masonry Chamber 30x30x50 cm, inside , in brick work in cement mortar 1:4 (1 cement : 4 fine sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10(1 cement :5 fine sand:10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement :3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design :					
	With Second Class bricks	4	Nos.	` 1621.60	Each	₹ 6,486.00
				(Rupees One Thousand Six Hundred Twenty One & Paise Sixty) Only		
89	Painting G.I. pipes and fittings with synthetic enamel white paint over a ready mixed priming coat, both of approved quality for new work :					
(a)	15 mm diameter pipe.	12.000	Metre	` 8.50	Metre	₹ 102.00
				(Rupees Eight & Paise Fifty) Only		
(b)	20 mm diameter pipe.	18.000	Metre	` 9.60	Metre	₹ 173.00
				(Rupees Nine & Paise Sixty) Only		
(c)	25 mm diameter pipe.	30.000	Metre	` 12.60	Metre	₹ 378.00

			(Rupees Twelve & Paise Sixty) Only			
(d)	40 mm diameter pipe.	24.000	Metre	` 18.80	Metre	₹ 451.00
			(Rupees Eighteen & Paise Eighty) Only			
90	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality :					
a)	15 mm diameter pipe	12.000	Metre	` 6.00	Metre	₹ 72.00
			(Rupees Six) Only			
b)	20 mm diameter pipe	18.000	Metre	` 7.10	Metre	₹ 128.00
			(Rupees Seven & Paise Ten) Only			
c)	40 mm diameter pipe	24.000	Metre	` 12.50	Metre	₹ 300.00
			(Rupees Twelve & Paise Fifty) Only			
91	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required :					
a)	20 mm nominal bore.	10	Nos.	` 408.60	Each	₹ 4,086.00
			(Rupees Four Hundred Eight & Paise Sixty) Only			
b)	25 mm nominal bore.	8	Nos.	` 442.00	Each	₹ 3,536.00
			(Rupees Four Hundred Forty Two) Only			
c)	40 mm nominal bore.	6	Nos.	` 617.00	Each	₹ 3,702.00
			(Rupees Six Hundred Seventeen) Only			
92	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet:					
	100 mm diameter	5	Nos.	` 103.60	Each	₹ 518.00
			(Rupees One Hundred Three & Paise Sixty) Only			
					TOTAL	₹ 1,22,223.00
L	SEWAGE AND DRAINAGE WORKS					
93	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the of 1:1 (1 cement: 1 fine sand) including testing of joints etc. complete :					
	150 mm diameter	12	Metre	` 292.40	Metre	₹ 3,509.00
			(Rupees Two Hundred Ninety Two & Paise Forty) Only			
94	Providing and laying cement concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) around S.W. pipes including bed concrete as per standard design:					
	150 mm diameter S.W, pipe	12	Metre	` 1123.60	Metre	₹ 13,483.00
			(Rupees One Thousand One Hundred Twenty Three & Paise Sixty) Only			
95	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with well burnt 2nd class bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design.					
		1	Nos.	` 45096.00	No.	₹ 45,096.00
			(Rupees Forty Five Thousand Ninety Six) Only			

96	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with 1st class bricks in cement mortar 1:4 (1 cement : 4 fine sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement :2 fine sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement: 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement: 3 fine sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :					
	Inside dimensions 500x700 mm and 45 cm deep for pipe line with one or two inlets :	3	Nos.	` 6818.70	No.	₹ 20,456.00
			(Rupees Six Thousand Eight Hundred Eighteen & Paise Seventy) Only			
				TOTAL		₹ 82,544.00

GRAND TOTAL = ₹ 85,60,450.00