

TECHNICAL BID

GOVERNMENT OF TRIPURA
OFFICE OF THE EXECUTIVE ENGINEER
RD AMBASSA DIVISION,
JAWAHARNAGAR, DHALAI DISTRICT.

DETAILS NOTICE INVITING TENDER NO: 03/DINNING /EE/RD/ABS/2017-18

DT. 10/11/2017

Certified that this DNIT contains
12(Twelve) Nos. Written pages
e.x/c. blank pages & cover pages.

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

GOVERNMENT OF TRIPURA,
OFFICE OF THE EXECUTIVE ENGINEER
RD AMBASS DIVISION
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	Tender value	Earnest Money	Time for completion
1.	Construction of Dining Hall at Chottosurma High School, Durgachowmuhani RD block under RD Ambassa Division.DNIT No.01/EE/RD/ABS/2017-18	1027308/=	10273/=	3 (three) 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 14/11/2017 TO 18/11/2017. 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 19/11/2017 (to be filled up by the Executive Engineer) 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 unopened.
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 I 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 18/11/2017 at 4.00 pm and issue of tender form will be closed on 18/11/2017
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 Department.

Contractor

Executive Engineer

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.

Contractor

Executive Engineer

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).
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 what so ever 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.

Contractor

Executive Engineer

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 15days 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 summarily 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 form the last date of submission of tender.
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 completion of the work in all respects.
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.

Contractor

Executive Engineer

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

Contractor

Executive Engineer

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% (fifty) percent.
- 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. 20.00lakhs.

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 FROM 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. 17(3) of P.W.D form No.9 will be applicable.

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 produces 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.

Contractor

Executive Engineer

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..

Unless otherwise stated in the schedule of items with quantities and special condition mentioned below:-

- 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 entertained after-words 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 e.xcavation 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 maintained 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

Contractor

Executive Engineer

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 obtain 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.
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. he 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.

Contractor

Executive Engineer

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.

Contractor

Executive Engineer

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.

Contractor

Executive Engineer

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).

Contractor

Executive Engineer

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.

Contractor

Executive Engineer

DNIT NO- 01/DINNING HALL /EE/RD/ABS/2017-18 DT. 10/11/2017

FINANCIAL BID

GOVERNMENT OF TRIPURA
OFFICE OF THE EXECUTIVE ENGINEER
RD AMBASSA DIVISION,
JAWAHARNAGAR, DHALAI DISTRICT.

**GOVERNMENT OF TRIPURA
RURAL DEVELOPMENT DEPARTMENT
R.D Ambassa Division
Jawaharnagar, Dhalai, Tripura.**

**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.

1. 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 signed for the purpose of identification by the Sub-Divisional Officer / Divisional Officer shall also be open for inspection by the contractor at the office of the Sub-Divisional officer / Divisional Officer during office hours.

2. 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.
3. 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.
4. 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.
4. A. The rate (S) and / or amount (S) must be quoted in decimal coinage.
5. 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.
6. 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.
7. 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.

- 8. The memorandum of work tendered for and ,the schedule of materials to be supplied by the Tripura Public Works Department and their issue rats 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 Dining Hall at Chottosurma High School, Durgachowmuhani RD block under RD Ambassa Division.

- a) Estimated cost Rs. 1027308.00
- b) Tender Value Rs.
- c) Earnest Money Rs. 10273.00

- 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 I/we fail to commence the work specified in the above Memorandum, I/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 invitation of 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 2017

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 2017

Signature of the officer by whom accepted.

SCHEDULE OF WORK

Name of Work: Construction of Dining Hall at Chottosurma High School, Durgachowmuhan RD block under RD Ambassa Division..

Sl. No	Description of Item	Quantity	Unit	Rate/ Unit	Amount			
	A) SUB HEAD: EARTHWORK							
1	ITEM NO-1:- 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.	45.54	Cum	@Rs.	150.10	/sqm	Rs.	6836.00
	All kinds of Soil.				(Rupees one hundred fifty & paisa ten)only			
2	ITEM NO-2:- 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	3.71	cum	@Rs.	615.70	/cum.	Rs.	2284.00
					(Rupees six hundred fifteen & paisa seventy) only			
3	ITEM NO-03:- 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	30.51	cum	@Rs.	116.40	/Cum	Rs.	3551.00
					(Rupees one hundred sixteen & paisa forty)only			
4	ITEM NO-4:- Banking excavated earth in layers 20 cm in depth, braking clods, watering, rolling each layer with 1/2 tonne roller, or wooden or steel rammers, and rolling every 3rd & topmost with power roller of minimum 8 tones & dressing up in embankment for roads, flood banks, marginal banks, & guide banks etc. lead upto 50 mtrs. and lift upto 1.5 mtrs.	14.40	cum	@Rs.	224.90	/cum	Rs.	3239.00
					(Rupees two hundred twenty four & paisa ninety)only			
	B)SUB HEAD: CONCRETE WORK							
5	ITEM NO-5:- Providing and laying in position cement concrete of specified grade excluding the cost of centring and							

Contractor

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	shuttering							
	(a) 1:4:8 (1 cement : 4 fine sand : 8 graded well burnt brick aggregate 40 mm nominal size).	12.560	cum	@Rs.	6707.00	/cum	Rs.	84240.00
		(Rupees six thousand seven & paisa zero zero)only						
	C) SUB HEAD : REINFORCED CEMENT CONCRETE WORK							
6	ITEM NO-6:- Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering							
	All work upto plinth level:							
	5.1.2.) 1:1½:3 (1 Cement : 1½ fine sand : 3 graded stone aggregate 20 mm nominal size)	10.870	cum	@Rs.	8439.60	/cum	Rs.	91738.00
		(Rupees eight thousand four hundred thirty nine & paisa sixty) only						
7	ITEM NO-7:- Providing and laying cement concrete in retaining walls, return walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping bed blocks, anchor blocks, plain window sills, fillets etc. upto floor five level, excluding the cost of centering shuttering and finishing							
	In plinth and skirting courses, fillets, columns, pillars, posts and struts							
	2) 1:1½:3 (1 Cement: 1½ fine sand : 3 graded stone aggregate 20 mm nominal size)	4.640	cum	@Rs.	8708.70	/cum	Rs.	40408.00
		(Rupees eight thousand seven hundred eight & paisa seventy) only						
8	ITEM NO-8:- Reinforced cement concrete work in beams, 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							
	RCC work in beams, lintels, bands, plain window sills, staircases and spiral staircases excluding precast spiral staircase.							
	5.3.2.2) 1:1½:3 (1 Cement: 1½ fine sand : 3 graded stone aggregate 20 mm nominal size)	4.040	cum	@Rs.	8807.50	/cum	Rs.	35582.00
		(Rupees eight thousand eight hundred seven & paisa fifty) only						

9	ITEM NO-9:- Centering shuttering including struttings, propping etc. and removal of form work for:							
	5.9.1.1) Foundations, footings, bases for columns etc. for mass concrete with timber plank	14.400	sqm	@Rs.	266.10	/sqm	Rs.	3832.00
					(Rupees two hundred sixty six & paisa ten)only			
	5.9.6.1) Columns, Pillars, Piers, Abutments, Posts and Struts with shuttering ply	61.920	sqm	@Rs.	413.60	/sqm	Rs.	25610.00
					(Rupees four hundred thirteen & paisa sixty)only			
	5.9.5.1) Lintels, beams, plinth beams, girders, bressumers and cantilevers with shuttering ply	33.600	sqm	@Rs.	270.60	/sqm	Rs.	9092.00
					(Rupees two hundred seventy & paisa sixty)only			
	For Chajjas	1.359	sqm	@Rs.	376.10	/sqm	Rs.	511.00
					(Rupees three hundred seventy six & paisa ten)only			
10	ITEM NO-10:- Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto floor five level.	1,420.640	kg	@Rs.	59.70	/sqm	Rs.	84812.00
					(Rupees fifty nine & paisa seventy)only			
	D)SUB HEAD : BRICK WORK							
11	ITEM NO-11:- First class brick work in foundation and plinth including cost of all materials as required complete:							
	In cement mortar 1:6 (1 cement : 6 fine sand).	14.230	cum	@Rs.	5167.10	/cum	Rs.	73528.00
					(Rupees five thousand one hundred sixty seven & paisa ten)only			
12	ITEM NO-12:- Half brick masonry work with first class bricks in superstructure upto floor five level including cost of all materials as required complete:							
	6.12.3) In cement mortar 1:4 (1 cement : 4 fine sand).	141.930	sqm	@Rs.	787.30	/sqm	Rs.	111741.00
					(Rupees seven hundred eighty seven & paisa thirty)only			
	E)SUB HEAD : STEEL WORK							

13	ITEM NO-13:- Providing & fixing 1 mm thick MS sheet door with frame of 40 x 40 x 6 mm angle iron & 3 mm MS gusset plate at the junction and corners & with cleats with bolts & nuts, rivets, locking arrangement, handles ,hooks & eyes, pinlets 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.	16.560	sqm	@Rs.	2944.20	/sqm	Rs.	48756.00
								(Rupees two thousand nine hundred forty four & paisa twenty)only
14	ITEM NO-14:- Providing structural steel work riveted,bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete as required	1322.75	kg	@Rs.	75.80	/sqm	Rs.	100264.00
								(Rupees seventy five & paisa eighty) only
	F)SUB HEAD : WOOD WORK							
15	ITEM NO-15:- Providing & fixing MS Grill of required pattern in frams of windows etc. With MS flats, square or round bars etc. All complete	11.520	sqm	@Rs.	98.00	/sqm	Rs.	1129.00
								(Rupees ninety eight & paisa zero)only
16	ITEM NO-16:- Providing and fixing ISI marked oxidised M.S.sliding door bolts with nuts and screws etc. complete	2.000	Nos	@Rs.	192.70	/no	Rs.	385.00
	8.60.1) 300×16 mm							(Rupees one hundred ninety two & paisa seventy)only
	G)SUB HEAD : FLOORING WORK							

17	ITEM NO-17:- 10.5.1 Providing and laying cement concrete 1:2:4 (1 cement : 2 fine sand : 4 graded stone aggregate) flooring finished with floating coat of neat cement inc cement slurry, rounding of edges & streps etc.	72.000	sqm	@Rs.	481.50	/sqm	Rs.	34668.00
								(Rupees four hundred eighty one & paisa fifty)only
18	ITEM NO-18:- 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.	20.720	sqm	@Rs.	677.50	/sqm	Rs.	14038.00
								(Rupees six hundred seventy seven & paisa fifty)only
	H)SUB HEAD : 12.0 FINISHING WORK							
18	ITEM NO-19:- 12 mm cement plaster of mix	124.740	sqm	@Rs.	150.50	/sqm	Rs.	18773.00
	12.1.3) In cement mortar 1 : 4 (1 cement : 4 fine sand)							(Rupees one hundred fifty & paisa fifty)only
20	ITEM NO-20:- 12.2.2 15 mm cement plaster on the rough side of single or half brick wall of mix:	106.700	sqm	@Rs.	174.80	/sqm	Rs.	18651.00
	12.1.3) In cement mortar 1 : 4 (1 cement : 4 fine sand)							(Rupees one hundred seventy four & paisa eight)only
21	ITEM NO-21:- Distempering with dry distemper of approved brand and manufacture (two or more coats) of required shade on new work, 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]	106.700	sqm	@Rs.	73.70	/sqm	Rs.	7864.00
								(Rupees seventy three & paisa seventy) only

22	ITEM NO-22:- Applying one coat of water thinnable cement primer of approved band & manufacturer on wall surface	124.740	sqm	@Rs.	34.10	/sqm	Rs.	4254.00
								(Rupees thirty four & paisa ten) only
23	ITEM NO-23- 12.28 Finishing walls with water proffing cement paint of required shade of approved brand & manufacturer on new work	124.740	sqm	@Rs.	53.30	/sqm	Rs.	6649.00
								(Rupees fifty three & paisa thirty) only
24	ITEM NO-24- Applying priming coat: [Payment shall be made after submission of Test Certificate issued by the Manufacturer	33.120	sqm	@Rs.	31.20	/sqm	Rs.	1033.00
	12.33.3) With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel , galvanised iron / steel work (2nd coat)							(Rupees thirty one & paisa twenty) only
25	ITEM NO-25- 12.37 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]	124.740	sqm	@Rs.	69.90	/sqm	Rs.	8719.00
								(Rupees sixty nine & paisa ninety) only
	SUB HEAD (I)-ROOFING WORK							

26	<p>ITEM NO-26-Providing and fixing tiled false ceiling of specified materials of size 596x595 mm in true horizontal level, suspended on interlocking metal grid of hot dipped galvanized steel sections(galvanised @ 120 grams/sqm , both side inclusive)consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including , required cutting/making, opening for services like diffusers,grills,light fittings , fixtures , smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27x37x25x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm lonh dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85x30x0.8 mm spaced at 1200 mm center to center along main T , bottom exposed width of 24 mm of all T - sections shall be pre - painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge 11.28.1 8 mm thick fully perforated calcium silicate board made with calcareous and siliceous materials reinforced with cellulose fiber manufactured through autoclaving process to give stable crystalline structure with minimum compressive strength 225kg/sq cm bending strength 100 kg/sq .cm of size 595x595 mm, having perforation of dia 10mm with minimum perforated area 18% with non woven tissue on the back side, having an NRC (Noise Reduction Co efficient) of 0.85, with 50 mm thick rockwool of 48 kg/cum backing.</p>	72.000	sqm	@Rs.	1380.60	/sqm	Rs. 99403.00
			(Rupees one thousand three hundred eighty & paisa sixty) only				

27	<p>ITEM NO-27- Supply and installation of pre painted Galvanised sheets(size,shape,and pitchof corrugation as approved by Engineer in Charge) in 550mpa steel grade,made out of Cold rolled steel coated with Zinc-Alluminium alloy coating of 43% Zn, 55% Al and 1.5% Silicon confirming to ASTM A 792/A782 M ,ASTM A90/A90M ,ASTM AS1937,ASTM A924 /A92M ,Alloy coating AZ150/AZ100, colour coated with high quality Polyester coating ,topcoated of modified polyester of 20 micron , back side code of 5 micron having epoxy primer coat of 5 micron of both side. Sheet should be have protective guard film of 25 microns minimum to avoid scraatched while transportation and should be supplied in single length upto 12 m or as disired by Er-in charge.The sheet should be fixed using self drilling/shelf tapping screws in size (5.5x 55 mm) with EPDM seal or with polymer coated J or L hooks ,Bolts and nut 8 mm diameter with bitumen and GI limpet washer or with GI limpet washers filled with white Lead complete upto any pitch in horizontal/vertical or curved surfaces excluding the cost of purlines, rafters and trusses and including cutting to size inshapes wherever required</p>	96.000	sqm	@Rs.	892.90	/sqm	Rs.	85718.00
								(Rupees eight hundred ninety two & paisa ninety only)
								Rs. 1027308.00
								(Rupees ten lakh twenty seven thousand three hundred eight) only