

ORISSA POWER TRANSMISSION CORPORATION LIMITED
OFFICE OF THE EXECUTIVE ENGINEER
CIVIL WORKS DIVISION NO.I, BHUBANESWAR.

INVITATIONS FOR BIDS (IFB)
Tender Call Notice No.12 / 2009- 2010

For and on behalf of Orissa Power Transmission Corporation Limited, The Executive Engineer, Civil Works Division No.I, Bhubaneswar , invites sealed tenders on percentage rate basis in conformity with detailed tender call Notice as per table below from the eligible contractors registered with the State Government and contractors of equivalent grade/class registered in any states PWD/CPWD/MES/Indian Railways for the following work.

SLNO	Name of work	Approx Estimated value of work (Rs)	Additional places for sale and receipt.	EMD	Cost of tender paper	Class of contractor	Period of completion
1	2	3	4	5	6	7	8
1	Modification & Renovation of Executive Establishment hall (Room No.A-19 and A-18) in A.W. Wing for housing IEX & EBC in 1 st floor of Gridco. Corporate Building at Jana path, Bhubaneswar.	Rs.11,05,193/-	CE(civil) OPTCL, Bhubaneswar/ SDO, Civil works sub-divn, Bhubaneswar	1%of the work value.	6000/- +Vat 4%	C&B	3(three) months.

The Sale and Receipt of Bid documents shall start from 16.02.10 and close at 2.00P.M on 02.03.2010. Interested firms may visit OPTCL officials website <http://www.optcl.co.in> for detailed tender call notice.

The authority reserves the right to reject any or all the tenders without assigning any reason thereof.

Executive Engineer(Civil)

ORISSA POWER TRANSMISSION CORPORATION LIMITED
OFFICE OF THE EXECUTIVE ENGINEER
CIVIL WORKS DIVISION NO.I, BHUBANESWAR.

DETAILED TENDER CALL NOTICE

NAME OF THE WORK :-Modification and Renovation of Executive Establishment Hall (Room No. A-19 and A-18) in A.W. Wing for housing IEX & EBC in 1st floor of Gridco. Corporate Building at Janapath, Bhubaneswar.

ESTIMATED AMOUNT :- Rs. 11,05,193.00

DATE OF RECEIPT OF TENDER:- 02.03.2010 UPTO 2.00 PM

ISSUED TO THE TENDERER :-----

ON PAYMENT OF -----RUPEES -----

VIDE MONEY RECEIPT NO-----DT. -----

SIGNATURE OF OFFICER AND SEAL



ORISSA POWER TRANSMISSION CORPORATION LIMITED

OFFICE OF THE EXECUTIVE ENGINEER
CIVIL WORKS DIVISION NO.I, BHUBANESWAR

DETAILED TENDER CALL NOTICE

1. Sealed percentage rate tenders are invited from the registered PWD 'B' & 'C' class contractors in prescribed form to be eventually drawn in PWD form No. F₂ will be **received** by the Chief Engineer (Civil), OPTCL, Bhubaneswar / Executive Engineer Civil Works Division Bhubaneswar / S.D.O., Civil Works Sub-Division, OPTCL, Bhubaneswar, up to **2.00 PM** on **dtd. 02.03.2010** for the work "**Modification and Renovation of Executive Establishment Hall (Room No.A-19 and A-18) in A.W. Wing for housing IEX & EBC in 1st floor of Gridco. Corporate Building at Janapath, Bhubaneswar**" and will be **opened** by the Executive Engineer Civil Works Division No.I , Bhubaneswar in the presence of the tenderers or their authorised agent on **dtd. 04.03.2010 at 11.00 A.M.** The amount of the estimate is approximately **Rs.11,05,193/-** (Rupees eleven lakhs five thousand one hundred ninety three) Only

2. The tenderers should please note that the work will have to be completed within 3(three) months commencing from the date of issue of work order. Tenderers are required to submit detailed programme of works along with the tenders which they consider necessary keeping in view of the clause 2 of the P.W.D form No.F-2. Without these programmed of works, the tender will be considered defective. Authority for acceptance of tenders would rest with the Chairman –Cum – Managing Director OPTCL. Bhubaneswar / Chief Engineer (Civil), OPTCL, Bhubaneswar / Executive Engineer, Civil Works Division Bhubaneswar.

3. Tenderers are required to pay Earnest Money @ 1% of the estimated cost i.e. Rs.11,100/- in shape of N.S.C / KVP./ postal savings pass book duly pledged in favour of the Executive Engineer Civil Works Division No.I, OPTCL, Bhubaneswar along with the tender documents other wise their tender will not be considered.

The Earnest Money will be refunded to the un-successful tenderers on application as per the terms and conditions laid down in OPWD code and the same will be retained in case of successful tenderers and will not carry any interest.

1. (a) The plan and specification for the work can be seen in the office of the Executive Engineer, Civil Work Division, OPTCL, Bhubaneswar during working hours and days. Complaints at a future date that the plan and specifications have not been seen cannot be entertained. The contractor may obtain a set of tender documents for the work from the office of the Chief Engineer (Civil), OPTCL, Bhubaneswar / Executive Engineer, Civil Work Division, OPTCL, Bhubaneswar S.D.O. Civil Works Sub-division, OPTCL, Bhubaneswar on payment of **Rs.6,000/- + 4% VAT** (Rupees six thousand two hundred forty only) (**non refundable**) for each of the tender papers. The amount is not refundable. The tender must be submitted

in a sealed cover. The name of the tenderer and the name of the work are to be superscripted on the cover

(b) Down loading from the Official web site:The specification, schedule, form F-2 and drawings can also be down loaded from official website of OPTCL, and the same may be submitted along with the cost of tender document by way of demand draft / pay order for Rs.10,000/- + 4% Vat payable to Executive Engineer, Civil Works Division No.I, Bhubaneswar in a separate envelop marked as cost of bidding documents downloaded from the Internet at the time of submission of tender document. In case any deviation is found in the tender document submitted by the tenderers from the content mentioned in our website and / or non-submission of cost of tender documents, the tender shall liable to be rejected at any stage of the contract. The Tenderer s have to indemnify OPTCL for any loss accruing due to such alteration in the terms and conditions of the tender document and / or for such alteration, resulting in the cancellation of the contract. Tender specification downloaded from OPTCL official web-site may not be taken as 100% correct due to web-site technical difficulties. So it is advisable to purchase hard copies from the notified offices.

(c) All other information can be obtained on application to the Chief Engineer (Civil),OPTCL, Bhubaneswar/ Executive Engineer, Civil Work Division, OPTCL. Bhubaneswar

(d) The intending tenderers may remit the cost of tender papers through postal money order. However, the deptt. will not be held responsible, if there is any delay in receipt of tender documents by the intending tenderer sent by deptt. through registered post and similarly if the tender documents sent by the intending tenderers through registered post don't reach in the division officer by the appointed date and time, their offers will not be considered on any account even if the tender documents were dispatched by the tenders before the due date. The cost of registration fees to and fro will be borne by the intending tenderers.

5. The C.M.D., OPTCL, Bhubaneswar / Chief Engineer (Civil) OPTCL, Bhubaneswar/ Executive Engineer, Civil Work Division, OPTCL Bhubaneswar reserves the right to reject any or all the tenders received without assigning any reason thereof.

6. The tenderer whose tender is selected for acceptance and who have no fixed deposit with the Executive Engineer Civil Works Division OPTCL, Bhubaneswar shall within a period of seven days upon written intimation being given to him of acceptance of his tender make an initial security deposit of 1 % (one percent) of the tendered amount over and above so that the earnest money and initial security deposits will be 2% (two percent) of the tendered amount as shown in clause 3 above and sign the agreement in the PWD Form F₂ (Schedule XLV No. 61) for the fulfillment of the contract, in office of Executive Engineer, Civil Work Division Bhubaneswar. This security deposit, together with the Earnest Money and the amount with held according to the provision of F₂ agreement shall be retained as security deposit for due fulfillment of this contract. Failure to enter into the required agreement and to make the security deposits, as above shall entitle forfeiture of the earnest money. No tender shall be finally accepted until, the required amount of security is deposited. The written agreement to be entered into between the contractor and the OPTCL, shall be the foundation of the right of both the parties and the contract shall be deemed to be incomplete until the agreement has first been signed by the contractor and then by the proper officer authorized to enter into the contract on behalf of the OPTCL. The department will accept the security deposit in the form of National Saving Certificate, N.D.C. State Government Loan Bonds, Postal time deposit Pass Books, Kissan Vikash Patra, duly Pledged to the Executive Engineer, Civil Works Division Bhubaneswar and in no other form. In case the tenderers who have made fixed deposit, action will be taken to degrade them if they decline to sign the agreement within the period as in above case.

7. The rates should be quoted in words & figures and the units in words otherwise the tender will be liable for rejection. In case of discrepancy between word and figures the words shall prevail (and in case of discrepancy between units, rates and total, the unit rates shall prevail. The rates should be quoted in Rupees and paisa, but not in Rupees and Anna. The tenders shall be written legibly and free from erasures, over writings or conversions of figures. Corrections where unavoidable should be made by scoring out, initialing, dating and rewriting. The tender should also show total of each page and grand total of whole tender.

8. The contractor will be responsible for payment of all royalties or other charges for quarrying materials. All local taxes inclusive of State VAT and Income Taxes, Octroi charges, Ferry & Toll age charges, are to be paid by the contractor.

9. The tender may not at the discretion of the competent authority be considered unless accompanied by attested true copy of the VAT clearance certificates, Income Tax Clearance certificate, Non-assessment

Certificates, PAN , valid contractor registration certificate, Service Tax registration certificate as the case may be and the original certificate produced before the Executive Engineer, Civil Works Division OPTCL, Bhubaneswar at the time of opening of tenders.

10. If the contractor removes any materials or stock so supplied to him from the site of work with a view to disposing of the same dishonestly, he should in addition to any other liabilities Civil or Criminal arising out of the contract be liable to pay a penalty equivalent to five times the price of the materials or stock according to the stipulated rates and the penalty so imposed shall be recovered from any sum that may then or at anytime thereafter become due to the contractor or from his security or from the proceeds of sales thereof.

11. The contractor should be fully liable to indemnify the department for payment of any compensation under Workmen's Compensation ACT-VIII of 1923 on account of the workmen being employed by him & the full amount of compensation paid will be recovered from the contractor.

12. Every tenderer must examine the detailed specification of Orissa before submitting his tender. The right is reserved without impairing the contract to make such increase or decrease in the quantities of items of work mentioned in the schedule attached to the tender notice as may be considered necessary to complete the work fully and satisfactorily. Such increase or decrease shall in no case invalidate the contractor's rate. It shall be definitely understood that the OPTCL. does not accept any responsibility for the correctness or completeness of the quantities shown in the schedule. The schedule is liable to alteration by omission or addition or deductions and such omission or deduction shall in no case invalidate the contract and no extra monetary compensation will be entertained.

13. No departmental material will be supplied to the Contractor from department stores.

14. All reinforced cement concrete work should conform to Orissa Detailed standard Specification and should be grade M-150 and M-200 equivalent to nominal proportion (1:2:4) or (1:1½:3) having a minimum compressive strength (in work test) 150kg cm² / 200kg./ cm² in 15cm, cubes at 28 days after mixing and test conducted in accordance with IS 456 and IS 516 using 12mm to 20mm size black hard crusher broken granite chips (20 mm size not to exceed 25%).

15. Shuttering and centering shall be with seasoned Sal wood planks the inside of which shall be lined with suitable sheeting and leak proof and water tight or alternatively steel shuttering and centering may be used.

16. The selected contractor may take delivery of departmental supply of materials accordingly to his need for the work issued by the Sub-Divisional Officer-In-charge of the work. The contractor shall make all arrangements for proper storage of materials. But no cost for raising shed for the storage of materials and pay of watchman etc, will be borne by the Department. These are all to be borne by the contractor. The department is not responsible for considering the theft of materials at site. It is contractor's risk. Under any such plea if the contractor stops the work, he shall have to pay the full penalty as per clauses of the F2 contract.

17. For the purpose of jurisdiction in the event of dispute if any contract should be deemed to have entered into within the state of Orissa and it is agreed that, neither party to the contract nor the agreement will be competent to bring a suit in regard to the matters covered by this contract at any place outside the State of Orissa.

18. After the work is finished all surplus materials and debris are to be removed by the contractor and preliminary works such as vats mixing platform etc. are to be dismantled and all the materials are to be removed from the site. The ground up to 15 M (50.08 foot) wide from the building should be cleared and rough dressed. No. extra payment will be made to the contractor on this account. The rate quoted should be inclusive of all these items.

19. The contractor shall not interfere with the execution of water supply or electrical fittings arrangements and any other works entrusted to any other agency by the Department at any time during the progress of the work.

20. The department will have the right to inspect the scaffolding and centering made for the work and can reject partly or fully such structures if found defective in their opinion.

21. The contractor will have to arrange for water supply for all works and make sanitary arrangements at his own cost for his labour camps. Contractor has to arrange adequate lighting arrangements for night works whenever necessary at his own cost.

22.Baling out water from the foundation either rain water or sub soil water if necessary should be borne by the contractor. No payment will be made for bench marks, level / pillars, profiles and benching and leveling ground where required. The rates quoted should be for finished items of work inclusive of those incidental item of works.

23.All the quantities mentioned in the schedule are combined for ground floor and multi-floor in case of multi-stored building and the rates should be through for the same unless otherwise mentioned in the schedule of quantity for individual items separately in floor wise.

24.Cement concrete in roof slabs, beams etc. wherever prescribed by the Engineer in charge shall be machine mixed and vibrated and the contractor should arrange his own concrete mixer, vibrator, pumps etc. for the purpose.

25.It should be understood clearly that no claims whatever will be entertained.

26.The tenderer shall have to abide by the C.P.W.D safety code rule introduced by the Govt. of India, Ministry of Works, Housing and Supply in their standing orders No.44 to 50 dtd25.11.57 which can be seen in the office of the Chief Engineer(civil), OPTCL, Bhubaneswar / Executive Engineer, Civil Works Division Bhubaneswar during working hours and days.

27.Tenders are required abide by the fair wages clause as introduced by the Govt.

28. The dept. will have the right to supply at any time in the interest of work any departmental materials to be used in the work and the contractors shall use such materials without any controversy or dispute on that account. The rate of such materials will be at the stock issue rates fixed by the Department plus storage charged or market rates whichever is higher.

29.The contractor will be responsible for the loss or damage if any, Departmental materials equipments supplied to him under clause 28 during execution of the work due to reasons whatsoever and the cost of such materials will be recovered from him at the prevailing stock issue rates plus storage charged or market rates whichever is higher.

30.The contractor should arrange at his own cost necessary tools and plants, pumps, vibrator, concrete mixer etc, required for the efficient execution of the work and rates quoted should be inclusive of the running charges of such plant & cost of consumable.

31.The Contractor will have to submit to the Executive Engineer, Civil Works Division Bhubaneswar monthly return of labour both skilled & unskilled employed by him on the work.

32.The tenderers are required to go through each clause of P.W.D.form F-2 carefully in addition to clauses mentioned herewith before tendering.

33.No part of the contract shall be sublet without written permission of the Executive Engineer, or transfer be made by power of attorney authorising others to receive payment on the contractor's behalf.

34.No tender document will be sold to the intending tenderers on the date of opening of the tender.

35.If any further necessary information is required, the Executive Engineer, Civil Works Division, No.1, OPTCL, Bhubaneswar will furnish such, but it must be clearly understood that tenders must be received in order and according to instructions.

36.Cement shall be used by bags and weight of one cubic meter of cement being taken as 14.42 quintal.

37.In the event of any delay due to department in the supply of Departmental materials or supply of detailed structural designs for unavoidable reasons, reasonable extension of time will be granted on the application of the contractor. But no claim for monetary compensation will be entertained under any such circumstances, for which a no claim undertaking has to be furnished by the contractor in the prescribed proforma along with the application form extension of time submitted by him.

38.No contractors will be permitted to furnish their tender in their own manuscript papers.

39.Every tenderer is expected before quoting his rates to inspect the site of proposed work. He should also inspect the quarries and satisfy himself about the quality, availability of materials, medical aids, labour and food stuffs etc. and the rates should be inclusive of all these items of work. In every case the materials

must comply with the relevant specification and samples of stones ,metals, chips etc. and other materials to be used are to be deposited in sealed bags duly leveled nothing the name of quarry under dated initials by the tenderer for approval of the Executive Engineer Civil Works Divn. Bhubaneswar.

40.The Department will not however after acceptance of contract rate pay any extra charges for lead or any other reason in case the contractor is found later on to have misjudged the materials available.

41.All fittings for doors and windows if supplied by the contractor should be of best quality and should be got approved by the Executive Engineer, Civil Works Divn. Bhubaneswar before they are us

42. The tenders containing extraneous conditions not covered by the tender call notice are liable for rejection.

43.(a)The contractor shall have to furnish a certificate in the prescribed proforma enclosed herewith along with tender to the effect that he is not related to any officer of OPTCL of the rank of Assistant Engineering and above of the organisation.

43.(b) CERTIFICATE OF NO RELATIONSHIP

I / We hereby certify that I/We am/are not related to any Officer of OPTCL. of the rank of Assistant Engineer and above and any officer of the rank of Assistant Engineer / Manager and above of the OPTCL I / We am / are also aware that if the facts subsequently proved to be false my / our contractor will be rescinded with the forfeiture of E.M.D and total security deposit and I/We shall be liable to make good of the loss or damage resulting from such cancellation.

I / we also note that is case of non-submission of this certificate with tender my /our tender is liable for rejection.

Date:-

Signature of Tenderer.

44.All the tenders received will remain valid for a period of 120 (one hundred twenty) days from the date of receipt of the tenders. The period of validity of tender can also be extended if agreed by the contractor and the department.

45.After completion of the work the contractor shall arrange at his own cost all requisite equipments for testing building if found necessary and bear the entire cost of such test.

46. Tenderers are required to submits (1) a list of works in their hand in the prescribed proforma here with, (2) the list of T & P, (3) list of works executed in their prescribed proforma enclosed here with along with the tender.

47.GOVERNMENT OF ORISSA FINANCE DEPARTMENT.

(Memo No.48443/F-Code-46/95, dated 11.12.1995 regarding “Discontinuance of the system of procurement of stock by Engineering Department”)

X

X

X

2. With a view to avoiding these situations Govt. have been pleased to decide that with effect from 01.04.1996 there will no purchase of departmental store materials nor booking of materials to show utilization of budget provision. It will be the responsibility or the contractor to purchase stores and utilize them in the work since materials like cement, steel etc... are easily and abundantly available at all the places, there will be no difficulty for contractors to procure the same. Therefore the future agreement with the contractors shall be executed accordingly and necessary modification to the agreement form may be made. In case where agreement have already been executed for departmental supply of materials, efforts should be made to fulfill the same by utilisation to the existing stores and also through inter divisional and even inter departmental transfer of stores. For utilization of the surplus materials, agreements may however be made for supplying materials to the extent available. In this way the existing materials should be exhausted.

3. Maintenance work should be undertaken by purchasing materials in case of departmental execution of work by directly charging to site account or through contractors. There should not be advance purchase of materials for the sake of storing and utilizing the same in future works. No items of stores should be purchased which are available in the Central Store. Therefore, before effecting such purchases a certificate from the central store has to be obtained regarding non-availability of the particular items of stores.

4. Consequent upon introduction of the new system the Engineer-in-charge of the work will have to exercise strict quality control and ensure that materials used by the contractors conform to the standard specifications.

X X X X

5. Stock taking of the existing materials available in the store should immediate be made and circulated among the division of the sake of inter divisional transfer, where-ever necessary periodically till the stocks are exhausted

6. a) CERTIFICATE OF LIST OF WORKS IN HAND

I/ We do hereby certify that at present the following works are in my/ our hand.

Sl.No.	Particulars of Work now in hand.	Amount of each work	Period in which the work in stipulated to be completed (in months)	Approx. value of work done against each work on the date of submission of tenders.	Department under which the work is being taken up.
(1)	(2)	(3)	(4)	(5)	(6)

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

Date:

Signature of the tender

b) CERTIFICATE OF LIST OF WORK EXECUTED.

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

SI No.	Particulars of works already executed	Approx amount of each work.	Name of dept. under whom the works were executed.	Period of commencement and period of completion	Whether the works were completed in stipulated period.
(1)	(2)	(3)	(4)	(5)	(6)

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

Date:

Signature of the tender.

6. C) CERTIFICATE OF TOOLS & PLANTS.

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

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

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

Date.

Signature of tenderer

d) In Tender Call Notice (N.I.T) Contractors shall be asked to furnish report in the following proforma duly certified by the Executive Engineer under whom has executed works in order to judge their past performance.

PERFORMANCE RECORD OF CONTRACTORS

1. **Name of the Contractor:-**
2. **Registration No. & Date:-**
3. **Class of Contractor:-**
4. **License Authority:-**
5. **License valid up to:-**
6. **Details of Works Executed:-**

Sl. No.	Jobs under execution	Agreement Amount	Date of commencement	Stipulated date of completion	Whether work is progressing as per programme	Reasons for delay if any

7. Whether the contractor has requisite machineries and personnel deployed (details of machinery) and person deployed):
8. Whether the quality of construction is satisfactory:

9. Whether he has capability to make good the loss time:
10. Whether the contractor has abandoned any work in the past three years, if yes, the details thereof:
11. Whether the contractor has entered into any litigation in the past if yes the details thereof:
12. Name of the certifying officer with official seal.

48. Letters etc, found in the Tender box, raising or lowering rates or dealing with any point in connection with the tender will not be considered.

49. All reinforced cement concrete work like Lintels, Column, Beam, Chajja, Roof Slab other such works should be finished smooth no extra charges for plastering if required shall be paid by department.

50. Tenderers may at their opinion quote reasonable rate for each item of work carefully so that the rate for one item should not be unworkably low and the others too high.

51. Employment of Engineering personnel.

The contractor shall employ one or more Engineering Graduates or diploma holders as apprentices at his own cost for works costing Rs. 2.50 Lakhs or more. The apprentices will be selected by the OPTCL, The stipend to be paid to the apprentices should not be less than Rs.200 and Rs.150 per month in case of Graduate Engineer, Diploma holder Engineer respectively. The period of employment will commence within one month after the date of issue of work order and would last till the date when 90% of the work is completed. Number of apprentices employed should be fixed by the OPTCL in any manner so that the total expenditure does not exceed one percent of the tendered cost of the work (vide works and transport deptt. No.17331 dt.12.8.1966)

52. The tenderer shall bear cost of various incidental sundries and contingencies necessitated by the work falling within following or similar category.

53. (a) Rent, royalties and other charges of materials, Octroi duty, all other taxes including VAT, ferry, tolls, conveyance charges and other cost on account of land and buildings including temporary buildings required by the tenderer for collection of materials, storage housing of staff or other by the tenderer for purpose of the work. No. rent however be payable to OPTCL for temporary occupation of land owned by OPTCL at the site of work.

(b) Labour camps and huts necessary to a suitable scale including conservancy and sanitary arrangements thereon to the satisfaction of the local health authorities.

c) Suitable water supply including pipe water supply wherever available for the staff and labour as well as for works.

(d) Fees and dues hired by Municipal, Canal & Water supply authorities.

e) Suitable equipments and wearing apparatus for the labourers engaged in risky operation.

(f) Suitable fencing, barriers, signals including paraffin and electrical signal where necessary at works and approaches in order to protect the public and employees from accidents.

(g) Compensation including cost of any suit for injury to persons or property due to neglect of any major precautions also sums which may become payable due to operation of workman's compensation Act.

(h) The contractor has to arrange adequate lighting arrangements for night works wherever necessary at his own cost.

(i) The contractor has to arrange all the building materials including the equipments required for under reamed pile foundation for starting the work.

54. Taxes 2% or (as applicable) of the gross amount on bill and surcharge as applicable will be deducted from the contractor's bill towards income tax. For the gross contract value of Rs.1.00 lakh and above, the VAT will be deducted @ 4% or (as applicable) from the bill of contractor.

55. (a) "If during the progress of the work the price of any materials incorporated in the work (not being materials supplied from the Engineer-in-charge's store) in accordance with Clause there of increases or decreases as a result of increase or decrease in the average wholesale price Index (all commodities), and the Contractor there upon necessarily and properly pays in respect of that material (incorporated in the work) such increased or decreased price, then he shall be entitled to reimbursement or liable to refund, quarterly, as the case may be such an amount as shall be equivalent to the plus or minus difference of 75% in between the average wholesale price Index (all commodities) which is operative for the quarter under consideration and that operated for the quarter in which the tender was opened as per the formula indicated below.

Formula to calculate the increase or decrease in the price of materials

Formula to calculate the increase or decrease in the price of materials.

$$V_m = 0.75 \times \frac{P_m}{100} \times R \times \frac{(i - i_0)}{i_0}$$

V_m = Increase or decrease in the cost of work during the quarter under consideration due to changes in the price of materials.

R = The value of work done in rupees during the quarter under consideration.

i_0 = The average Wholesale Price index (all commodities) for the quarter in which the tender was opened (as published in R.B.I bulletin from time to time).

I = The Average Wholesale price index (all commodities) for the quarter under consideration.

P_m = Percentage of material component as per sub clause of this Clause.

(b) Similarly, if during the progress of works, the wages of labour increase or decrease as a result of increase or decrease in the Minimum Wages for labour prescribed by the Government and the contractor there upon necessarily and properly pays in respect of labour engaged on execution of the work such

increased or decreased wages then he shall be entitled to reimbursement or liable to refund quarterly as the case may be such an amount, as shall be equivalent to the plus or minus difference of 75% in between the Minimum wages for labour which is operating for the quarter under consideration and that operated for the quarter in which the tender was opened as per the formula indicated below.

Formula to calculate the increase or decrease in the cost of labour

$$VI = \frac{PI}{100} \times \frac{(I - I_0)}{I_0} \times R$$

VI = Increase or decrease in the cost of work during the quarter under consideration due to changes in the rates labour.

R = The value of work done in rupees during the quarter under consideration.

I₀ = The minimum wages for labour prevailed during the quarter in which the tender was opened.

I = The minimum wages for labour prevailed during the quarter under consideration.

PI = Percentage of labour component as per Sub Clause.

(c) Similarly, if during the progress of work the price of petrol, oil and lubricants (Diesel) oil being the representative item for price adjustment) increases or decreases as result of the price fixed therefore by the Government of India and the contractor there upon necessarily and properly pays such increased or decreased price towards Petrol, Oil and Lubricants used on execution of the work, then he shall be entitled to reimbursement or liable to refund, quarterly as the case may be such an amount as shall be equivalent to the plus or minus difference of 75% in between price of P.O.L which is operating for the quarter under consideration and that operated for the quarter in which the tender was opened as per the formula indicated below.

Formula to calculate the increase or decrease in the price of P.O.L

$$KI = .0.75 \times \frac{K_2}{100} \times \frac{(D_2 - D_1)}{D_1} \times R$$

KI = Increase or decrease in the cost of work during the quarter under consideration due to changes in the price of P.O.L

R = The value of work done in rupees during the quarter under consideration.

D₁ = Average price per litre of diesel oil which is fixed by the Government of India during the quarter in which the tender was opened.

D₂ = Average price per litre of diesel oil which is fixed during the quarter under consideration.

K₂ = Percentage of P.O.L component (as per sub-clause of this clause).

(d) The following shall be percentage of materials, labour and P.O.L component for reimbursement / refund on variation in the price of material, labour and P.O.L as per sub-Clause (a), (b) and (c) of this clause.

Category	Contractor's supply		Departmental
Of works	% of materials	% of Labour	% of supply of materials P.O.L

1

2

3

4

5

IRRIGATION WORKS:

A) Structural works	20%	30%	5%	45%
B) Earth work, canal work, Embankment work etc.	20%	60%	5%	15%

(R&B) WORKS:

a) Bridge works	20%	30%	5%	45%
b) Road work	45%	40%	5%	10%
c) Building work *	30%	30%	5%	35%

(* Where brick is supplied by the Department, it should be 20% instead of 30%)

e) Reimbursement / refund on variation in price of materials, labour and P.O.L. as per sub-clause (a), (b) & (c) of this clause shall be applicable only in respect of contract of one year or more provided that the work has been carried out within the stipulated time or extension thereof as are not attributable to contractor. However where the original contractual period is less than one year but subsequently it has been validly extended and the period becomes one year or more escalation clause shall be applicable only for the balance portion or work to be executive beyond one year provided the delay is not attributable to the contractor.

(f). The contractor shall for the purposes of sub-clauses (a),(b) and (c) of this clause keep such books of account and other documents as are necessary to show that the amount of increase claimed or reduction available and shall allow inspection of the same by a duly authorized representative of OPTCL and further shall at the request of the Engineer-in-charge furnished, verified in such a manner as the Engineer-in-charge may require any document kept and such other information as the Engineer-in-charge may require.

The contractor shall within a reasonable time of his becoming aware of alteration in the price of such material, wages of labour and or price of P.O.L. give notice thereof to the engineer-in-charge stating that the same is given pursuant to this conditions together with an information relating there to which he may be in a position to supply.

56. Under section 12 of contract labour Regulation and Abolition act 1970, the contractor who undertakes execution of work through labour should produce valid license from the licensing authority of labour department.

57. The K.B. Brick should be well burnt and of good qualities. The Brick should be approved by the Engineer in charge before use in the works and should confirm the minimum strengthen as per National building Code.

58. When departmental machinery will be utilized in the work by the contractors necessary and prevailing hire charges as fixed by the department will be recovered from the contractor who may see the hire charges of the machinery in the office of the Executive Engineer, C.W.Divisin Bhubaneswar

59. Under no circumstances interest is chargeable for the dues or additional dues if any payable for the work.

60. If the contractor quotes abnormally low rates for some items and the department decides to accept his tender then the department would have a direction of withholding the differential cost between the amount of low rated items and corresponding estimated amount from their payment due against other item till such low rated items are completed in full as per approved specifications to the full satisfaction of the Engineer-in-charge.

61. "Special class" contractor shall employ under him one Graduate Engineer & two Diploma Holders belonging to the State of Orissa likewise 'A' class contractor shall employ under him one Graduate Engineer or two Diploma Holders belonging to the State of Orissa.

The employment of such Graduate Engineers and Diploma Holders under the contractor shall be full time and continuous and they shall not be superannuated, retired, dismissed or removed personnel from any

State Government or Central Govt. service/Public Sector undertaking/Private Companies and firms or is ineligible for appointment to Govt. Service. The contractor shall pay them monthly emoluments which shall not be less than the emoluments of the personnel of the equivalent qualification employed under the State Govt. of Orissa. The Director (Engineering) OPTCL, may however, assist the contractor with names of such unemployed Graduate Engineers and Diploma Holders if such help is sought for by the contractor.

The names of such engineering personnel appointed by the contractor should be intimated to the tender receiving authority along with each tender as to who would be supervising the work.

Each bill of the special class or 'A' class contractor shall be accompanied by an employment Roll of the Engineering personnel together with a certificate of the Graduate Engineer or Diploma Holder so employed by the contractor to the effect that the work executed as per the bill has been supervised by him.

The special and 'A' Class contractor are required to submit the certificate of employment of unemployment Graduate Engineer, Diploma holders in the prescribed proforma in a separate sheet.

62. Payment of all RCC work under any RCC item will be made on the total quantity of such RCC item of work less volume of steel in the RCC.

63. The contractor has to arrange the samples of materials required for execution to be got tested and approved by the Department before taking up the work and during course of execution required from time to time. All such sample are to be tested at Govt. test house & Central Research Laboratory, Bhubaneswar at the cost of the contractor with no extra cost of the Department.

64. If there is any damages to the work due to the natural calamities like flood or cyclone or any other cause during the course of execution of work or up to 6 months after completion of work or if any imperfection becomes apparent to the work within 6 months from the date of final certificate of completion of work the contractor shall make good to all such damages at his own cost with no extra cost of the department. No claim whatsoever in this regard will be entertained.

SAMPLE OF ALL MATERIALS.

65. The contractor shall supply sample of all materials required for use in the work before procurement for testing and acceptance as may be required by the concerned Executive Engineer.

66. Additional performance security

(i). Additional performance security shall be deposited by the successful bidder when the bid amount is seriously unbalanced i.e. less than the estimated cost by more than 10%. In such an event, the successful bidder will deposit the additional performances security to the extent of the differential cost of the bid amount and 90% of the estimated cost in shape of Post Office Savings Bank Account/ National savings Certificate/ Post Office Time Deposit Account/ Kissan Vikash Patra / Deposit Receipt of Schedule Bank in favour of Executive Engineer Civil Works Division No.I, Bhubaneswar. (Authority: Works Deptt. Letter No.Codes- 1/2004-1220/W 19.1.2004).

(ii) The successful bidder will give under taking that, if he/she will not complete the work as per specification, his/her EMD. & Security will be forfeited and he/she will be debarred from the future OPTCL. Works.

67. An affidavit shall be furnished by the contractor at the time of submission of tender paper about the authentication of tender documents including Bank Guarantee.

The Bank guarantee shall be executed in stamp paper worth Rs.50/- or any other amount as per the Orissa Stamp Duty Act and shall be form a scheduled Bank in the prescribed form of OPTCL. OPTCL shall pay no interest on the security deposit. In case of non-fulfillment of contractual obligations by the contractor the security deposit shall be forfeited by encashment of the B.G.

68. **Service Tax**

The rates quoted must be inclusive of Service Tax as applicable and no extra cost towards Service tax shall be reimbursed.

PROFORMA FOR BANK GUARANTEE

In consideration of the Chairman & Managing Director, Grid Corporation of Orissa Ltd. (hereinafter called "OPTCL") having agreed to exempt M/s hereinafter called the said contractors' from the demand under the terms and conditions of an agreement No. _____ dated _____ made between _____ and _____ for (hereinafter called "the said agreement") of security deposit for satisfactory performance of materials (as detailed in the said agreement) and for the due fulfillment by the said contractor(s) of the terms and conditions contained in the said agreement, on production of a Bank Guarantee for Rs. _____ (Rupees _____) only, we _____ (_____ bank (hereinafter referred to as "the [indicate the name of the bank] bank") at the request of _____ contractor(s) do hereby undertake to pay to OPTCL, an amount not exceeding Rs. _____ (Rupees _____) only against any loss or damage caused to or suffered or would be caused to or suffered or would be caused to or suffered by OPTCL by reason of any breach by the said contractor(s) of any of the terms or conditions contained in the said agreement.

2. We _____ Bank do hereby undertake to [indicate the name of the Bank] pay the amounts due and payable under this guarantee without any demur, merely on a demand from OPTCL stating that the amount claimed is due by way of loss or damage caused to or would cause to or suffered by OPTCL by reason of any breach by the said contractor(s) of any of the terms or conditions contained in the said agreement or by reasons of the contractor(s).

NOTE FOR TENDERERS :

[Not to be typed in the Bank Guarantee]

To be furnished in on-judicial stamp paper of Rs. _____

Applicable as per Orissa Stamp Duty Act from any Nationalized / Scheduled Bank.

3. We, the _____ do hereby further undertake [indicate the name of the Bank] to pay the amounts due and payable under this guarantee without any demur, merely on demand from OPTCL stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by OPTCL by reason of any breach by the said contractor(s) of any of the terms or conditions and failure to perform said Bid. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____.

4. We undertake to pay to OPTCL any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding instituted/pending before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.

5. We, the _____ further agree that the guarantee [indicate the name of the bank] herein contained shall remain in full force and effect during the aforesaid period of _____ days _____ and it shall continue to be so enforceable till all the dues of OPTCL under or by virtue of the said Bid have been fully paid and its claims satisfied or discharges or till Chairman and Managing Director, Grid Corporation

of Orissa Limited certifies that the terms and conditions of the said Bid have been fully and properly carried out by the said contractor(s) and accordingly discharge this guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before the _____ we shall be discharged from all liability under this guarantee thereafter.

6. We, the _____ further agree with the Board

[indicate the name of the bank]

that OPTCL shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Bid or to extend time or performance by the said contractor(s) from time to time or to postpone for any time or from time to time only of the powers exercisable by OPTCL against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said Bid and we shall not be relieved from our liability by reason of any such variation postponement or extension being granted to the said contractor(s) or for any forbearance, act or omission on the part of OPTCL or any indulgence by OPTCL to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

7. This guarantee will not be discharged due to the change in the name, style or constitution of the Bank of the contractor(s).

8. We _____ lastly undertake not to revoke this

[indicate the name of the bank]

guarantee during its currency except with the previous consent of OPTCL in writing.

Dated, the _____ day of _____

WITNESS: (SIGNATURE WITH NAME AND ADDRESS)

1.

2.

For _____

[indicate name of Bank]

TENDER SCHEDULE

To be used as prescribed tender form

Tender inviting Authority: Executive Engineer , Civil Works Division, OPTCL, Bhubaneswar.

Name of the work: Modification and renovation of Executive Establishment Hall (room No.A-19 and A- 18) in

Estt.approved by:CMD, OPTCL,

Estt.cost put to tender Rs.11,05,193.00

BBSR vide No.2869 dt.23.9.2009

Estt. Sanctioned by: Dir.(Engg.)

EMD to be pledged 1% =Rs.11,100.00 Cost

OPTCL for Rs.11,05,200.00 vide

of Tender paper=Rs.6,000.00 + 4% VAT

No.47/09-10

Class of Contractor :- B & C

Sl.No.	Description of work	Quantity	Unit	Estimated Rate		Amount
				Figure	words	
1	Supplying of all labour with T&P for dismantling and removal of old damaged grading plaster from RCC roof slabs and Chajjas etc. including chipping, chiseling and cleaning the surfaces with lowering and removing the debris etc. within 50 mtrs. lead in all	181.06	One Sqm.	8.74	Rupees eight and paise seventy four only	1581.96
2	Supply of all labour with T&P for dismantling and removing brick or stone masonry in lime or cement mortar with stacking the useful materials for reuse and removing the debris within 50 mtr. lead including cost, conveyance of all labour with T&P required	0.80	Each cum	243.50	Rupees two hundred forty three and paise fifty only	194.80
				243.50		0.00
3	Supplying of all labour with T&P for dismantling and removing of wooden windows, ventilators, doors in all floors with removal of frames, hinges, fastening and stacking of useful materials for reuse and removing the debris etc. within 50 mtrs. lead with	26.47	Each Sqm.	69.90	Rupees sixty nine and paise ninety only	1850.19
4	1st Class K.B brick masonry in cement mortar (1:4) in Superstructures using K.B bricks having crushing strength 150kg/cm ² after immersing the bricks for six hours in water before use in different floors including splays cutting circular molding and cor	2.38	Each Cum	2404.08	Rupees two thousand four hundred four and paise eight only.	5721.71
5	RCC work (1:1 ½: 3- M-20) in lintels. bearings of chajja and bed blocks having a minimum compressive strength (in work test) 200 kg. / CM ² in 15 CM cubes at 28 days after mixing and tests conducted in accordance with IS 456 and IS 516 using 12mm to 20mm	0.06	Each Cum	6465.90	Rupees six thousand four hundred sixty five and paise ninety only	387.95
6	Cement concrete with 1:2:4 in floors (i.e. below the base course of terrazo flooring) using 12mm (½") size black hard crusher broken granite stone chips of approved quality from approved quarry including lower laying concrete watering and curing etc. com	0.54	Each Cum	3378.92	Rupees three thousand three hundred seventy eight and paise ninety two only	1824.62

7	20mm (3/4") thick cement plaster with cement and sand mortar 1:4 finished smooth masonry walls etc. with watering and curing including cost conveyance royalties and taxes of all materials and cost conveyance of all labour with T&P required for the work et	181.06	Each Sqm.	79.88	Rupees seventy nine and paise eighty eight only	14462.30
8	12mm (1/2") thick cement plaster with cement and sand mortar 1:4 finished smooth over brick masonry walls etc. with watering and curing including cost conveyance royalties and taxes of all materials and cost conveyance of all labour with T&P required for	29.50	Each Sqm.	56.15	Rupees sfifty six and paise fifteen only	1656.30
9	Providing supplying fitting and fixing of partition walling with OEL aluminum anodized section 9210 and 9207 as single groove and double groove respectively as horizontal and vertical member and OEL section 4660 as tapered clip for fixing of 12mm thick pr	20.14	Each Sqm.	3129.01	Rupees three thousand one hundred twenty nine and paise one only.	63018.24
10	Providing supplying fitting and fixing of partition walling with OEL aluminum anodized section 9210 and 9207 as single groove and double groove respectively as horizontal and vertical member and OEL section 4660 as tapered clip for fixing of 6 mm thick ti	10.24	Each Sqm.	3021.32	Rupees three thousand twenty one and paise thirty two only	30938.30
11	Providing supplying fitting and fixing of window (sliding type) made of aluminum section 151-154, 151-155 as windows frame section no.151-155, 151-153 and 151-167 as shutter frame with 5mm thick black glass as panel fitted with rubber bidding including lo	19.79	Each Sqm.	3081.14	Rupees three thousand eighty one and paise fourteen only	60975.66
12	Providing supplying fitting and fixing of Aluminum Door with OEL anodized aluminum door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and using 12mm thick prelaminated particle board fixed on door frame by mea	12.63	Each Sqm.	5539.38	Rupees five thousand five hundred thirty nine and paise thirty eight only	69962.32
13	Providing and supplying for making fitting, fixing and installing at site of false ceiling madeout of Armstrong make Beauty Sky RH 70 - Butt, 600mmx600mm ceiling tile placed in metal grid of hot deaped galvanised steel section (wall angle "T" Section 3000	86.84	Each Sqm.	1279.77	Rupees one thousand two hundred seventy nine and paise .seventy seven only	111135.18
14	Providing supplying fitting and fixing of PVC door as per required drawing design of approved quality and make with PVC choukaths(door frame - GRP - 75mm x 100mm) and shutter (GRP - 32mm thick) assembled etc. complete including providing steel hinges alu	3.25	Each Sqm.	1995.60	Rupees one thousand nine hundred ninety five and paise .sixty only	6485.70
	(B) PVC Door frame	10.05	Each Mtr	339.15	Rupees three hundred thirty nine and paise fifteen only	3408.44

15	Providing supplying fitting and fixing of M.S grill gate , window grills etc. made out of M.S flat and M.S angle conforming to IS 1977 / 1975 of approved design and drawing (design and drawing to be supplied from the E.I.C) including drilling holes in fr	1700.00	Each Kg	59.40	Rupees fifty nine and paise forty only	100984.63
16	Providing Supplying, laying, fitting, fixing of Vetrified floor tile of premium grade having thickness 7mm to 8 mm conforming to IS 13755 for sizes 60cm x 60cm of special plane / printed series approved quality & make and of approved shed laid over flo	88.74	Each Sqm.	1015.69	Rupees one thousand fifteen and paise sixty nine only	90132.19
17	Providing Supplying, laying,fitting, fixing of Ceramic wall tile of premium grade having thickness 6.5mm to 6.7 mm conforming to IS 13753 for sizes 30cm x 20cm / 20cm x 20cm of special plane / printed series of approved quality & make and of approved sh	29.50	Each Sqm.	556.75	Rupees five hundred fifty six and paise seventy five only	16424.18
18	Providing supplying fitting and fixing of following PH fittings and specials as mentioned here under including cost, conveyance, royalties & taxes of all materials and cost of all labour with T&P etc. required for the work etc. complete in all respect a	2.00	Each No.	2786.60	Rupees two thousand seven hundred sixty six and paise sixty only	5573.21
	B) Wash Hand Basin with pedestal and all accessories and fittings (Neycer)	2.00	Each No.	2689.30	Rupees two thousand six hundred eighty nine and paise thirty only	5378.61
	C) PVC Low Level Cistern with all fittings in complete set (Parry ware make).	2.00	Each No.	1156.78	Rupees one thousand one hundred fifty six and paise seventy eight only	2313.55
	D) 24"x5" C.P (brash) Glass shelf with Glass (Plaza/Zigma/Zen)	2.00	Each No.	384.39	Rupees three hundred eighty four and paise thirty nine only	768.77
	E) 24"x18" Mirror (best quality)	2.00	Each No.	366.81	Rupees three hundred sixty six and paise eighty one only	733.62
	F) C.P (Brass) Towel Rail (Plaza/Zigma/Zen)	2.00	Each No.	276.23	Rupees two hundred seventy six and paise eighty one only	552.46
	G) C.P (Brass) Towel ring (Plaza/Zigma/Zen)	2.00	Each No.	242.99	Rupees two hundred forty two and paise ninety nine only	485.98
	H) CP Brass Shop Holder with accessories (Plaza/Zigma/Zen)	2.00	Each No.	161.46	Rupees one hundred sixty one and paise forty six only	322.92

	I) C.P (Brass) telephonic Shower (Plaza/Zigma/Zen)	2.00	Each No.	568.13	Rupees five hundred sixty eight and paise thirteen only	1136.25
	J) ½" C.P (Brass) long body Bib cock (Plaza/ Zigma/Zen)	2.00	Each No.	512.86	Rupees five hundred twelve and paise eighty six only	1025.72
	K) ½" C.P (Brass) Short Body Bib cock (Plaza/ Zigma/Zen)	2.00	Each No.	477.70	Rupees four hundred seventy seven and paise seventy only	955.41
	L) ½" C.P (Brass) Angle stop cock (Plaza/ Zigma/Zen)	4.00	Each No.	477.70	Rupees four hundred seventy seven and paise seventy only	1910.81
	M) 4" C.P Brass Grating	4.00	Each No.	72.38	Rupees seventy two and paise thirty eight only	289.52
	N) ½" C.P (Brass) Extension short piece with flange (Plaza/ Zigma/ Zen)	12.00	Each No.	62.04	Rupees sixty two and paise four only	744.47
19	Providing and supplying all materials and all labour with T&P for laying and plumbing of PVC pipes (Oriplast Schedule - 80) of different dia meters as mentioned here under in house plumbing with cutting threading pipes to required size cutting earth for t	48.77	Each Mtr	167.09	Rupees one hundred sixty seven and paise nine only	8149.12
	B) 25mm (1") dia PVC pipe	12.19	Each Mtr.	138.71	Rupees one hundred thirty eight and paise seventy one only	1690.87
	C) 20mm (¾") dia PVC pipe	6.09	Each Mtr.	111.62	Rupees one hundred eleven and paise sixty two only	679.76
	D) 15mm (½") dia PVC pipe	9.14	Each Mtr.	94.92	Rupees ninety four and paise ninety two only	867.57
20	Providing supplying fitting and fixing of following Water Supply fittings and specials as mentioned here under including cost, conveyance, royalties & taxes of all materials and cost of all labour with T&P etc. required for the work etc. complete in all	1.00	Each No.	1292.49	Rupees one thousand two hundred ninety two and paise forty nine only	1292.49
	B) 25mm dia PVC Ball Valve	2.00	Each No.	409.46	Rupees four hundred nine and paise forty six only	818.92

21	Providing and supplying all arrangements accessories etc. for installation of 2000 ltr. capacity RCC Over Head Tank for water supply with provision for stagging with brick machinery wall providing RCC beam as per necessity etc. complete with cost, conveyance	2.00	Each No.	8692.44	Rupees eight thousand six hundred ninety two and paise forty four only	17384.89
22	Providing and supplying all materials and all labour with T&P for laying and plumbing of 4" dia PVC (Ori Plast make) pipes of approved make for house plumbing in sanitary use as soil waste and vent pipe with cutting earth for the required trench in a	43.89	Each mtr.	206.18	Rupees two hundred six and paise forty four only	9049.14
23	Providing supplying of Ori Plast make pipes fittings and specials as per the specifications mentioned here under for laying and plumbing works for use in house plumbing in sanitary purpose etc. complete as per PH specification with cost conveyance royalty	6.00	Each No.	214.97	Rupees two hundred fourteen and paise ninety seven only	1289.80
	B) 4" dia PVC door bend	4.00	Each No.	143.98	Rupees one hundred forty three and paise ninety eight only	575.93
	C) 4" dia PVC plain bend	4.00	Each No.	134.06	Rupees one hundred thirty four and paise six only	536.23
	D) 4" dia PVC "P" Trap	2.00	Each No.	252.86	Rupees two hundred fifty two and paise eighty six only	505.72
	E) 4" dia PVC Floor Trap	2.00	Each No.	252.86	Rupees two hundred fifty two and paise eighty six only	505.72
	F) 4" dia PVC Cowl	4.00	Each No.	55.67	Rupees fifty five and paise sixty seven only	222.68
24	Supplying of all materials and all labour with T&P for Gully Trap chambers of inside dimension size (1'x1'x1') in sewerage system with earth work in all kinds of soil cement concrete 1:4:8 CC 1:3:6 using 40mm size h.b.c.b granite metal as per necessity	2.00	Each No.	347.58	Rupees three hundred forty seven and paise fifty eight only	695.15
25	Supplying of all labour with T&P for making holes through machinery walls suitable for taking water supply pipes and fittings for laying and plumbing etc. for providing roof drainage works including making good to the damages with CC 1:1½:3 and CP 1:3 e	12.00	Each No.	57.08	Rupees fifty seven and paise eight only	684.91

26	Supplying of all labour with T&Pfor making holes through machinery walls suitable for taking sanitary pipes and fittings for laying and plumbing etc. for providing roof drainage works including making good to the damages with CC 1:1½:3 and CP 1:3 etc.	6.00	Each no.	57.08	Rupees fifty seven and paise eight only	342.46
27	Supplying of all labour with T&Pfor making holes through R.C.C slab / Chajja etc. suitable for taking water supply and sanitary pipes and fittings for laying and plumbing etc. for providing roof drainage works including making good to the damages with	12.00	Each No.	98.23	Rupees ninety eight and paise twenty three only	1178.75
28	Providing and supplying of all arrangements and accessories for making fitting fixing and installation of work station cabinet (18" width x 30" height) with a working platform and side storage unit as per the drawing made out of 3/4" thick BWR grade co	155.00	Each Sft.	775.49	Rupees seven hundred seventy five and paise forty nine only	120201.34
29	Providing and supplying of all arrangements and accessories for making fitting fixing and File Cabinet (18" width x 24" depth of 7' overall height) made out of 3/3" thick BWR grade conforming to IS 303 Duro/Green/Mayur gold or equivalentnt ply edge mo	322.00	Each Sft.	723.79	Rupees seven hundred twenty three and paise seventy nine only	233061.35
30	Providing Painting Two coats with synthetic enamel paint (Berger) of approved shade over wood and iron works of doors windows ventilators etc., window grills, grill gates etc. polished and finished smooth to give an even shade etc. complete. including co	64.24	Each Sqm.	48.75	Rupees forty eight and paise seventy five only.	3131.87
31	Providing and supplying all arrangements for fixing of heritage texture surface granuals for wall pannelling as per approved shed and quality after preparing the wall surfaces for applying the pannelling by means of synthetic adhesive and other accessorie	1949.05	Each Sft.	41.36	Rupees forty one and paise thirty six only.	80611.93
32	Providing and supplying all arrangements for fixing of leccor coat over heritage texture surface granuals in wall pannelling fixed and finished smooth and even etc. complete ncluding cost conveyance taxes of all materials and cost conveyance of all labour	1949.05	Each Sft.	8.27	Rupees eight and paise twenty seven only.	16122.39
33	Providing finishing wall painting with water proofing Cement paint (Berger) Two coats to out side exposed wall surfaces polished and finished smooth to give an even shade with water curing etc. complete. including cost conveyancetaxes of all materials	217.38	Each Sqm.	8.69	Rupees eight and paise sixty nine only.	1888.06

34	Providing and supplying of all labour with T&P for collecting stacking the debris etc. for transporting through mechanical means with loading into truck or tractor for removing and disposing the same atleast to a distance of 5 KM and unloading including t	3.51	Each Cum	105.47	Rupees one hundred five and paise forty seven only.	370.19
Thirty four (34) items only					TOTAL:	1,105,193.19
					Or Say	1,105,200.00

1. Percentage excess over the estimated cost: In figures: _____, In words: _____

2. At par with the estimated cost : _____ In figures: _____, In words: _____

3. Percentage less below the estimated cost: In figures : _____, In words: _____

CONTRACTOR

EXECUTIVE ENGINEER (C)