

INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG,
DHENKANAL



TENDER DOCUMENT

FOR REPAIR/RENOVATION WORK FOR QTRS NO.ER/05 TO ER/08

(Estimated cost. Rs. 14,85,000.00)

S. M. S.
24/09/2022

OFFICE OF THE DIRECTOR, IGIT, SARANG, DHENKANAL-759146

TENDER CALL NOTICE

Bid Identification No. IGIT/EM/181

Date. 26.09.2022

The Director, IGIT, Sarang invites sealed percentage rate bids in single cover system in off line mode conformity with detailed terms & conditions from the C & D class contractors registered with the State/ Central Govt. for Maints/construction of Civil works having experience in similar nature of works.

The DTCN can be downloaded from the Institute website i.e. www.igitsarang.ac.in.

Particular's of works.

Sl.no.	Name of the work	Approximate Estimate cost in Rs.	EMD in Rs.	Eligibility of Contractor	Time of Completion	Cost of Tender Paper(Non Refundable)
1	FOR REPAIR/RENOVATION WORK FOR QTRS NO.ER/05 TO ER/08	13,26,435.00	13,265.00	C & D	1 month	6,000.00

The bidder has to deposit the bid cost in shape of Demand Draft/Institute Money Receipt & EMD in shape of Demand Draft/ NSC/KVC/POTD duly pledged in favour of Director, IGIT , Sarang and drawn in SBI Sarang.

- 1. Availability of Tender Paper** :- Institute website www.igitsarang.ac.in.
- 2. Mode of Submission of Tender** :- Tender shall be submitted in the office of Director, IGIT Sarang through Regd/Speed post only or on before **12.10.2022 up to 03.00 P.M.**
- 3. Date of opening of Tender Paper** :- **14.10.2022 at 10.00 A.M** in the Office of the Chairman const. & Maint. Committee, IGIT, Sarang

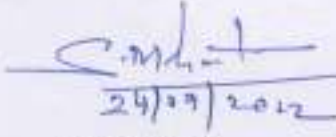
Corrigendum if any shall only be published in the Institute website.

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

Copy to:- 1. Institute Notice Board.

2. Accounts officer for information.

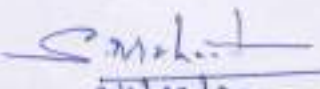
3. Dr. Gaurov Ghosh Officer I/C Institute website with a request to publish the notice along with detail tender document in the institute website.


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DIRECTOR

Terms & Conditions

1. The tender is to be super scribed with the name of the work tendered for.
2. Registered Contractor of Class C & D can download the tender documents from the Institute website i.e www.igitsarang.ac.in.
3. The Tender shall be accompanied by EMD for an amount mentioned for each work in shape of D.D/NSC/Postal saving pass Book /Post office Time Deposit/Kishan Vikash Patra/Deposit receipt in Nationalise Bank only. Duly pledged in favor of Director IGIT Sarang without attested copies of valid ITCC/PAN Card/GST Clearance Certificate & license. The tender is liable for rejection. The tenderer shall furnish an affidavit at the time of submission of tender paper about the authentication of tender document.
4. The Tender shall be received in the office of Director in all working days during office hour on or before **12.10.2022 till 3.00 P.M** excepting holiday. The tender will be opened in the office of the Chairman const. & Maint. Committee, IGIT, Sarang **on 14.10.2022 at 10.00 A.M** in presence of tenderer or their authorized representative. If any of above dates will be declared as the Govt holiday then the next working day shall be considered for opening of the tender respectively.
5. The tender will be received in the Office of the Director IGIT Sarang with in the stipulated date and time and also by registered post/Speed Post. The tender shall be submit the required documents in a sealed cover subscribed with the name of Work only and it shall be ensure that the name of firms/bidder shall not be written anywhere on the sealed cover.
6. The tender received after due date and time shall not be entertain and the authority shall not held responsible for delay/ missing of tender during transit.
7. Any bidder backs out before acceptance of the tender the EMD along with the other deposit deposited by him will be for fitted.
8. Engineering contractors during intending to avail the exemption facility of EMD should apply specifically their application with an affidavit and submit the same with tender documents. He should also produce original contract license at the time of opening of tender document to make necessary entry to that affect as such facilities are limited to their participation in the tender during a financial year, otherwise the tender will be rejected on the spot during opening of the tender.
9. Conditional tenders shall be out rightly rejected the authority reserves the right to the reject any or all tender without assigning any reason thereof.
10. No telegraphic / fax tender shall be entitled.
11. Joint venture consortium agreements are not allowed to Participate in Tender.
12. SC/ST Contractors desires of availing preference should submit on original Affidavit in support of caste and attested copy of caste certificate. Otherwise their Tender will be liable for rejection.
13. Estimated cost excluding 12% GST.

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Detail Tender Call Notice

1. Sealed tender are invited from the registered Contractor of OPWD/Irrigation /RWD of State Govt. C&D class contractor in prescribed form to be eventually drawn in OPWD from no.P1 and will be received through registered / speed post only at Director Office IGIT Sarang on or before **Dtd.12.10.2022 till 3.00 P.M** (excepting Govt. Holidays) for the works and will be opened before the tender committee in the presence of the tenderers or their authorized representative.
2. The tenderers should please note that work will have to be completed within one month commencing from the date of issue of work order. Tenderers are required to submit detail programmed about execution of work.
3. Tenderer are required to pay earnest money @ 1% of the estimated amount i.e Rs.13,26,435.- either in shape of Bank Draft /N.S.C/Postal Time Deposit Pass Book/Deposit Receipt of Nationalise Bank duly pledged in favour of Director IGIT Sarang otherwise their tender will not be considered.

The earnest money will be refund to the unsuccessful tenderers on application as per the term and condition laid down in OPWD Code and the same will be refund in case of the successful tenderers and will not carry any interest after complication of work.

4. (a)The tender must be submitted in a single sealed cover through registered/speed post only. The name of the tenderer shall not be written anywhere on the sealed cover only the name of the work are to be super scribes on the cover.

(b) The organization will not be held responsible if there is any delay in receipt of tender documents by any intending contractor send through registered/Speed post office.
5. The Director, IGIT, Sarang reserves the right to reject any or all the tenders received without assigning any reasons thereof.
6. The tenderer whose tender is selected for acceptance shall within a period of seven days from opening date written information being given to him of acceptance of his tender make an initial security deposit @ 1% (One percent) of the tendered amount. So that the earnest money and initial security deposit will be 2% of the tendered amount and sign the agreement in the P.W.D. From no p1 for the due fulfillment of contract of the Director, IGIT, Sarang.

The security deposit together with the earnest money and the amount withheld according to the provision of P1 agreement shall be retained as security deposit for the fulfillment of this contract. Failure to enter into the request agreement and to make the security deposit as above shall entitle forfeiture of the earnest money. No tender shall be finally accepted until required amount of security money is deposited. The written agreement to be entered into between the contractor and the Director, IGIT, Sarang Shall be foundation of right 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 Director or authorize to enter into the contract behalf of the Institute. The department will accept the security deposit in the shape of D.D/N.S.C/N.D.C/Postal Time Deposit Pass Book duly pledged to Director, IGIT, Sarang.

CONTRACTOR

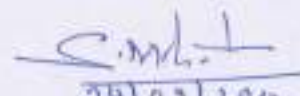

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7. The rate should be quoted in word and figures and the units in word otherwise the tender will be liable for rejection. In case discrepancy between word and figures the word shall prevail and in case of discrepancy between unit rate and total the unit rate shall prevail. The rates should be quoted in Rupees and Paisa, but not in Rupees and annas. The tender shall be written legible and free from erasures, over writing's or conversation of figure. Correction where unavoidable should be made by scoring out initialling dating and rewriting. The tender should also show total of each page and grand total of hole tender.
8. The contractor shall be responsible for payment of all royalties or other charges for quarrying materials. All local taxes inclusive of GST & Income Tax. Ferry & Tollage charges and Ontario Taxes are to be paid by Contractor.
9. The tender may not be considered unless accompanied by attested copies of GST certificate, non assessment certificate as the case may be and the original certificate produced before the Director, IGIT , Sarang at the time of opening of the tender.
10. If the contractor removes any materials or stock so supplied to him from the site of work with a view of disposing of the same dishonestly.
11. The contractor should be fully liable to indemnify the department for payment of any compensation under Workman compensation Act. V11 of 1023 on account of the workmen being employed by him and the full amount of compensation paid will be recovered from the contractor.
12. Every tenderer must examine the detailed specification of OPWD before submitting his tender. The right reserved without impairing the contract to make such increase in the quantities or item of work mentioned in the scheduled attached to the tender notice as may be considered necessary to complete the work fully and satisfactory . Such increase or decrease shall in no case invalidate the contract or rates. It shall be definitely understood that the Institute do 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 deduction and such omission deduction shall in no case invalidate the contract and no extra monetary compensation will be entertained.

Institute will not supply any materials what so ever for the work. The tenderer shall be financially solvent and stable for advance procurement of all materials required for the work vide Government of Odisha Finance Department Memo No:-48443/F Code 46/95 dated 11.12.1995.

13. All reinforced & cement confirm to OPWD standard specification & should be grade M 150 and M 200 equivalent to normal proportion 1.24,1:1.5:3 having minimum compressive strengthen in work test of $150\text{Kg}/\text{Cm}^2$ / 200 Kg Cm^2 in 15 Cm cubes in 28 days after mixing and test conducting in accordance with 1:S-456 & 516 using 12mm to 20mm. Size hard black crusher broken granite chips.(20mm size not to exceed 25%)

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14. Shuttering & cantering shall be with seasoned non-sal wood planks and the inside of which shall be lined suitable sheeting and made leak proof and water tight or alternatively steel shuttering and cantering may be used.

15. For the purpose of jurisdiction in the event of dispute if any the contract should be deemed to have been entered into within the State of Odisha and it is agreed that neither party to the contract at any place outside the State of Odisha.

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

- i. The contractor has to quote percentage excess or less over the estimated cost in the Price Bid appended to the tender document.
- ii. In the contract P.I time is the essence the Contractor is required to maintain a certain rate of progress specified in the contract.
- iii. The quantity mentioned can be increased or reduced to the extent of 10% for individual items subject to a maximum of 5% over the estimated cost. If it exceeds the limit stated above prior approval of competent authority is mandatory before making any payment.
- iv. The period of completion is fixed and cannot be altered except in case of exceptional circumstances with due approval of competent authority.
- v. Bills for percentage rate tenders shall be prepared at the estimated rates for individual items only and the percentage excess or less shall be added or subtracted from the gross amount of the bill.

17. After the work is finished all surplus materials and debris are to be removed by the contractor and preliminary work 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 1.5m 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.

18. The contractor shall not interface with the execution of water supply or electrical fittings arrangement and any other works entrusted to any other agency by the departmental at any time during the progress of the work.

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

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

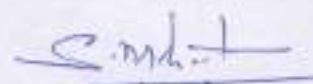
CONTRACTOR


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21. All the quantities mentioned in the schedule are combined for ground floor and multi floors increase multi storied building the rates should be through for the same unless otherwise mentioned in the schedule of quantities for individuals items.
22. Cement concrete in roof slab beams etc. Where ever prescribed by the engineer in charged shall be machine mixed and vibrate and the contractor should arrange his own concrete mixers, vibrators and pumps etc. for the purpose.
23. It should be understood clearly that no claim what so ever will be entertained.
24. The tenderer shall have to abide by the CPWD safety code rule introduced by the Government of India Ministry of works. Housing and supply in there standing order No.44 to 50 dated. 25.11.1957 which can be seen in the office of the Director, IGIT, Sarang. during working hours & days.
25. Tender are required to abide by the fair wage clauses as introduced by the Government.
26. The contractor will be responsible for the loss or damaged of any departmental materials equipment's supplied to him under clauses 13.30 and 32 during execution of the work due to reason whatsoever and cost of such materials will be recovered from him at prevailing stock issue rates plus storage charges or market rate whichever is higher.
27. The contractor should arrange at his own cost necessary tools and plants machines concrete mixer & vibrators and other machineries such as pump etc. required for the efficient execution of the work and rates quoted should be inclusive of the running charged of such plant and cost of consumable.
28. The contractor will have to submit to the Director, IGIT, Sarang monthly return of labour both skilled and unskilled employed him on the work.
29. The tenderer are required to go through each clause of OPWD form No-P1 carefully in addition to clauses mentioned herewith before tendering.
30. No part of the contract shall be sublet without writing permission of IGIT Sarang or transfer is made by power of attorney authorizing other to receive payment on the contractor's behalf.
31. If further necessary information is required Director, IGIT, Sarang will furnish such, but it must be clearly understood that the tenders must be received in order and according to the institutions.
32. Cement shall be used by bags and weight of cubic meter of cement being taken as 14.42 qtl.
33. No contractor will be permitted to furnish their tenders in their own manuscript papers.
34. The following clauses have been revised / substituted as per Works Department Office memorandum No.12366 dtd.08.11.2013 De tails can be seen in the website: www.igitsarang.ac.in.

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- (i) Every bidder is expected before quoting his rate to inspect the site of the proposed work. The bidder should also inspect the quarries and approach roads to quarries and satisfy himself/themselves about the quality and availability of materials. In every case the materials must comply with the relevant specifications. Complaints at future date that the availability of materials at quarries has been misjudged cannot be entertained.

Amendment to Para. 3.4.16(a)(vii) of OPWD Code Vol.1 by substation.

- (ii) For the purpose of estimate the approved quarry lead is to be provided judiciously. Engineers in charged would be responsible for ensuring the quality of the materials supplied. The contractor would however be responsible for procurement of materials from authorized sources and voluntarily disclose the source of procurement for the purpose of billing. Besides the bidder would be required to submit the details of quarry for procurement while submitting the bids.
35. Institute will not pay any extra Charges for lead or any other reason in case the contractor is found later on to have misjudged the materials available after acceptance of contract.
36. All fittings for doors and windows if supplied by the contractor should be of best quality and should be got approved by Director, IGIT, Sarang before they are used on the work.
37. The tender containing extraneous conditions not covered by the tender call notice are liable for rejection.
38. (a) The contractor shall have to furnished a certificate in the prescribed Proforma enclosed herewith along the tender to effort that he is not related to any officers of IGIT Sarang.

(b) **CERTIFICATE OF NO RELATIONSHIP**

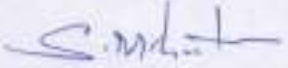
I/ We hereby certify that I/ We are / are not related to any officers of IGIT Sarang I/ We am /are also aware that if the facts subsequently proved to be false my / our contract will be rescinded with the forfeiture of E,M.D. and total security deposit and I/ We shall be liable to make good of the loss or damage resulting from such cancellation.

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

Date.....

Signature of Tenderer

CONTRACTOR


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39. All the tenders received will remain valid for a period Sixty days from the date of receipt tenders. The period of validity can also be extended if agreed to by the Department and the contractor.
40. After completion of the work the contractor shall arrange at his own cost all requisite equipment for testing building if found necessary and bear the entire cost of such test.
41. Tenderers required to submit a list of works in their hand in the prescribed proforma herewith. (b) list T&P (c) List of works executed in their prescribed proforma enclosed herewith along with the tender.
42. GOVERNMENT OF ORISSA FINANCE DEPARTMENT
1. (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

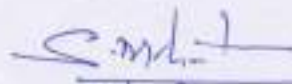
2. With a view to avoiding these situations Govt. have been pleased to decide that with effect from 01.04.96 there will neither purchase of department store materials nor booking of materials of materials to show utilization of budgeted provision. It will be the responsibility of the contractor to purchase store and utilize them in the work since materials like cement, steel etc. are easily and abundantly available at place, 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 from may be made. In case where agreement have already been executed for department supply of materials. Efforts should be made to fulfill the same by utilization to the existing stores and also through inter divisional and even inter department transfer of stores. For utilization of the surplus materials, agreements may however be made for supplying of 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 contractor. There should not be advance purchase of materials for the sake of storing and utilizing the same in future works.
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 contractor conform to the standard specifications.

X

X

X

CONTRACTOR


24/07/2012
DIRECTOR

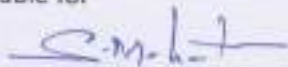
5.(a) Certificate of list of works in hand.

I / We do hereby certify that a present the following works are in my / our hand & work order to be attached.

Sl No	Particular of works now in hand.	Amount of each work.	Period in which the work is stipulated to be completed (in month)	Approximate value of work done against each work on the date of submission of Tender	Department under which the work is being taken up.
1	2	3	4	5	6

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

CONTRACTOR


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(b) CERTIFICATE OF THE LIST OF T & P

I / We do hereby certify the following tools and plants. Machineries and vehicles are in my / our possession in working orders and copy of purchase bill to be attached.

(i)

(ii)

(iii)

(iv)

(v)

(vi)

(vii)

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

Date.....

Signature of Tenderer

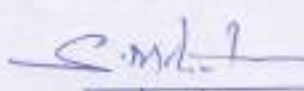
(c) CERTIFICATE OF THE LIST OF WORK EXECUTED

I / We do hereby certify the following work have been executed by me / us in the past & work order to be attached.

Sl No	Particular of works already executed	Approximate amount of each work.	Name of the department under which the works 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 the certificate will render my / our tender liable for rejection.

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- 43 . All reinforced cement concrete works like lintals, column, beam, chajja, roof slab and other such works should be finished smooth and no extra charges for plastering if required shall be paid by the department.
- 44 . At their opinions quote reasonable rates for each item of the work carefully so that the rate for one item should not be unworkably low and others too high.(Also see clause 60)
45. The tenderer shall bear cost of various incidental sundries and contingencies necessitated by the work falling within following or similar category.
- a. Rent, royalties and other charges of materials octroi duties all other taxes including GST ferry/tools conveyance charges and other cost on account of land and building including temporary building required by the tenderer for collection of materials storage housing of staff or other by the tenderer for purpose of work. No rent will however be payable to Institute for temporary occupation of land or owned by Institute at the site of the work.
 - b. Labour camps and huts necessary to suitable scale including conservancy and sanitary arrangements there on 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 & dues hired by Municipal, Canal and 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 or Workmen'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 equipment required for under reamed pile foundation for starting the work.
46. The prevailing percentage of I.T Department of the gross amount of the bill and surcharges as applicable will be deducted from the contractor's bill towards income tax.
47. The prevailing of GST on the gross amount of the bill will be deducted from the contractor's bill.
48. Under section 12 of the Contract labour regulation & abolition Act 1970 the contractor who Undertakes execution of work through labour should produce valid license from licensing authority of labour department.

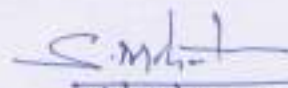
CONTRACTOR


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49. The Fly Ash should be of good qualities. The Brick should be approved by the Engineer-in charge before use in the work and should confirm the minimum strength as per national building code.
50. When department machinery will be utilized in the work by the contractors necessary and prevailing hire charges as fixed by the departments will be recovered from the contractor who may see the hire charges of the machinery in the office of the Director, IGIT, Sarang.
51. Under no circumstances interest in chargeable for the dues or additional dues. If any payable for the work.
52. If the contractor quotes abnormally low rates for some items and the department decides to accept the tenders then the department would have the discretion 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 approved specification.
53. The following clauses have been revised/ substituted as per works Department Office memorandum No.12366 dtd. 08.11.2013. Details can be seen in the website <http://tendersodisha.gov.in>.
- i. Amendment to Appendix-IX, clause -36 of OPWD Code Vol-II by inclusion. If the rate quoted by the bidder is less than 15% of the tendered amount then such a bid shall be rejected and the tender shall be finalized basing on merits of rest bids. But if more than one bid is quoted at 14.99% (Decimals up to two numbers will be taken for all practical purposes) less than the estimated cost the tender accepting authority will finalize the tender through a transparent lottery system where all bidders /their authorized representatives will remain present.
- ii. Additional Performance security'
- (A) Per works Department Office Memorandum No.14459 dtd.20.09.2018 Additional Performance Security shall be obtained from the inside when the bid amount is less than the estimated cost put to tender. In such an event only the successful bidder who has quoted less bid price /rates than the estimated cost put to tender shall have to furnish the exact amount as Additional Performance Security(APS) in shape of Term Deposit Account/National Savings Certificate/Kisan Vikash Patra/Post Office Time Deposit Account/ Post Office Saving Accounts/ Deposit receipt/Bank Guarantee from any Nationalise Bank duly pledged in favour of the Director, IGIT, Sarang within seven days of issue of LOA (Letter of Acceptance) Otherwise the bid shall be cancelled and the security deposit shall be forfeited .Further proceeding for black listed shall be initiated against bidder,

If the Contractor fails to complete the work the amount so furnished as additional performance security will be forfeited in addition to the other penal clauses, if any to be imposed.

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(B) Amendment to Para 3.5.5(V) of all Note-III of OPWD Code Vol-I by modification. For availing Incentive Clause in any project which is completed before the stipulated date of completion. Subject to other stipulations it is mandatory on the part of the Director, IGIT Sarang to report the actual date of completion of the Project to so that the report is received within 7 days of such completion by Director, IGIT Sarang.

The incentive for timely completion should be on a graduated scale of 1(one) percent to 5 (Five) percent of the contract value. Assessment of incentives may be worked out for earlier completion of work in all respect in the following scale.

- Before 30% of contract period=5% of Contract value
- Before 20% to 30% of contract period=4% of Contract value
- Before 10% to 20% of contract period=3% of Contract value
- Before 5% to 10% of contract period=2% of Contract value
- Before 5% of contract period=1% of Contract value

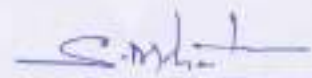
54. Affidavit to be furnished by the contractor at the time of submitting of Tender about the authentication of Tender documents including Bank Guarantee.

An affidavit shall be furnished by the contractor at the time of submission of Tender papers about the authentication of Tender documents including Bank Guarantee.(vide Got. Of Orissa, works department Code.-14/2004-9414, dt.08.06.04 concurred by Law Department, vide their U.O.R no.-1242, dt.05.08.03 and No.193/WF-1 dt.04.03.04 respectively).

55. Clauses for side engineer and road furniture etc. in DTCN/Agreement. In works department letter No. 10407, dt.25.06.2004 the agency executing major works should possess fully fledged field laboratory for testing of the quality of the work. Under the same clause the following provision is to be made as per works department No.12351/w. dated 23.07.2004.

56. The Tenderer must have a minimum turn-over of Rs.20.0 lakhs per annum.

CONTRACTOR


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DIRECTOR


SCHEDULE OF QUANTITY & ABSTRACT OF COST

Name of the work:- "For making of Construction of Cement Concrete Block Pavement near New Academic building."

Estimated cost:- Rs.13,26,435/-

Sl.No.	Description of Item	Unit	Quantity	Rate	Amount
1	Dismantling & removing doors windows & ventilators including removal of frames hinges fastening and stacking the materials for reuse and removing the debris within 50m. Lead.	Sqm	22.8	309.05	7041.67
2	Dismantling brick or stone masonry in lime or cement mortar above 3m. Height including stacking the useful materials for reuse and removing the debris within 50m. Lead.	Cum	2.25	1194.58	2687.81
3	Dismantling & Removing RCC Chajja,shelves, fins and parapet including stacking the useful materials for reuse and removing the debris within 50m lead	Sqm	62.16	135.95	8450.37
4	Dismantling removing wall tile including stacking the useful materials for reuse and removing the debris within 50m. Lead	Sqm	107.52	42.73	4593.87
5	Dismantling and removing 2,5cm thick grading concrete from roof slab cleaning the surface lowring & removing debris within 50m. Lead.	Sqm	135.77	91.76	12458.23
6	Filling in foundation and plinth with sand well watered and rammed including cost. of all materials.	Cum	5.76	328.70	1893.29
7	12mm thick cement plaster (1:6) including all cost and conveyance, royalty, taxes of all materials etc.complete as directed by the Engineer in Charge.	Sqm	112.72	147.10	16581.22
8	16mm thick cement plaster (1:6) including all cost and conveyance, royalty, taxes of all materials etc.complete as directed by the Engineer in Charge.	Sqm	91.7	204.38	18737.56
9	20mm thick plaster (1:4) including all cost and conveyance, royalty, taxes of all materials etc.complete as directed by the Engineer in Charge.	Sqm	40.00	231.89	9275.60
10	Brick work with Flyash bricks 25cm x 12cm x 8cm having crushing strength not less than 75 Kg/cm ² with dimensional tolerance + 2 percent in cement mortar (1:6) S/S	Cum	4.75	4206.20	19988.91

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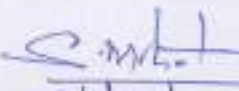
11	Brick work with Flyash bricks 25cm x 12cm x 8cm having crushing strength not less than 75 Kg/cm ² with dimensional tolerance + 2 percent in cement mortar (1:6) S/S	Cum	24.0	32.39	777.36
12	Applying Coal-tarring two coats over the cement plaster including all cost and conveyance, royalty, taxes of all materials etc. complete as directed by the Engineer in Charge.	Sqm	24.00	65.77	1578.44
13	Removing old lime or cement plaster from walls including racking out joints 16mm. Deep and removing the debris within 50m. Lead.	Sqm	80.0	40.26	3220.45
14	Engaged labour for bush cutting	Nos	15.0	311.00	4665.00
15	Rigid smooth centering & shuttering for RCC works including false work & dismantling then after casting including cost of all materials and labour required for the work etc. complete.	Sqm	76.2	520.00	39603.20
16	Providing HYSD including cutting, bending, binding and tying the grills and placing in position including cost, conveyance and royalty of all materials and cost of all labour etc. Complete.	Qntl	3.04	6272.86	19069.49
17	Iron(GI) work wrought & put up in grated door, windows truss & cage latrines etc.	Kg	200.40	122.71	24591.19
18	P/F of 30 mm thick Prelaminated Door including all labour etc. complete.	Sqm	15.35	2883.97	44254.52
19	Cement. conc. (1:2:4) with 12 mm size hard broken granite chips including all materials, labour etc. complete for finished work as per direction of the Engineer-in-charge.	Cum	4.96	6371.60	31618.43
20	Providing HYSD including cutting, bending, binding and tying the grills and placing in position including cost, conveyance and royalty of all materials and cost of all labour etc. Complete.	Qntl	4.96	6272.86	31128.44
21	Providing & Fixing of Antiskid floor Tile on 20mm thick bed of cement mortar 1:4 (1 cement : 4 sand) jointed with neat cement slurry mixed with pigment to match the shades on the tiles etc. complete.	Sqm	19.20	950.90	18257.28

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22	Providing & Fixing GLAZED tile in dado skirting and risers of steps on 12mm thick bed of cement mortar 1:3 (1 cement : 3sand) jointed with neat cement slurry mixed with pigment to match the shades on the tile including rubbing and polishing complete including cost. of precast Tiles.	Sqm	107.52	986.70	106089.98
23	4 cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips.	Sqm	135.77	394.10	53505.66
24	Wall painting 2 coats with appd. Qty.distemping of approved shade on new work to give an even shade including cost of paint.	Sqm	1200.00	62.02	74424.00
25	Priming one coat with any approved primer including cost of material & labour.	Sqm	638.83	58.55	37403.50
26	Wall painting 2 coats with WEATHER paint of approved shade on new work to give an even shade including cost of paint.	Sqm	638.83	74.15	47369.24
27	Painting 2 coats with any approved Enamel paint on new/old wood/iron work with one coat of red oxide primer including cost of paint & labour.	Sqm	89.40	136.74	12224.28
28	Supplying, fitting, fixing up window (sliding type) made up aluminium section 151-154, 151-155 as windows frame section no. 151-155, 151-153 and 151-167 as shutter frame with 5 mm black glass as panel fitted with rubber beading including locking arrangements including all fittings cost. of materials all taxes labour, t&p etc complete as per direction of Engineer-in-charge.	Sqm	9.99	4825.41	48205.85
29	Repairing & Refixing of Almn. Sliding window including all materials labour etc. complete.	Nos	5.00	700.00	3500.00
30	P/F of ACP Door including all labour etc. complete.	Sqm	3.15	3300.00	10395.00
31	Providing & fixing of C.C Pole including E/W, Sand, PCC (1:3:6) & all materials labour etc complete.	Nos	50.00	412.49	20624.50
32	Providing & fixing of GI Brbed wire including materials labour etc complete.	Kg	140.00	131.00	18339.83
33	Making Plinth protection of width 600 mm including E/w, sand filling B/W, PCC(1:4:8) & C.C (1:2:4) & all labour etc. complete.	Sqm	30.00	932.45	27973.50

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34	Fixing Granite tile in floors treads or steps and landing on 20mm thick bed of cement mortar 1:4 (1 cement : 4 sand) jointed with neat cement slurry mixed with pigment to match the shades on the tiles etc. complete.	Sqm	1.75	1665.90	2915.33
35	2.5cm thick A.S. flooring with C.C.(1:2:4) with punning using 12mm size crusher broken chips.	Sqm	30.00	371.74	11152.29
36	Heavy moss scraping, cleaning & sand papering including all materials ,labour etc complete.	Sqm	638.83	4.0	2555.32

PH WORKS

1	Removing Existing MS/GI/ CI Pipes	Rmt	36.00	LS	2000.00
2	Dismantling & Removing the old Pan& Commode including Existing Tile,C.C,Sand etc. complete.	Nos	8.0	400.00	3200.00
3	P/F of Door Tee including all materials,transportation,labour etc. complete.	Nos	6.0	296.70	1780.20
4	P/F of CP Z -spray including all materials,transportation,labour etc. complete.	Nos	4.0	1454.95	5819.78
5	P/F of PVC Cistern including all materials,transportation,labour etc. complete.	Nos	4.0	2094.18	8376.74
6	P/F of Orissa Pan including all materials,transportation,labour etc. complete.	Nos	4.0	2498.72	9994.87
7	P/F of PVC Commode with cover including all materials,transportation,labour etc. complete.	Nos	4.0	2315.50	9262.00
8	P/F 25 mm UPVC water Pipe including all materials,transportation,labour etc. complete.	Rmt	80.0	186.30	14904.00
9	Finishing the Tile floor with approved qty. Grouting including all materials,transportation,labour etc. complete.	Sqm	20.0	200.0	4000.00
10	P/F 20 mm UPVC Valve including all materials,transportation,labour etc. complete.	Nos	4.0	435.69	1742.77
11	P/F 25 mm UPVC Valve including all materials,transportation,labour etc. complete.	Nos	8.0	517.00	4136.02
12	P/F 20 mm UPVC water Pipe including all materials,transportation,labour etc. complete.	Rmt	40.0	122.00	4880.00

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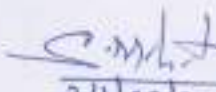
13	Supplying all materials, labour, T&P and Fitting and Fixing of Rotational moulded polythene cylindrical vertical water storage tank (WHITE) conforming to 12701/1996 including cutting holes through the tank and fixing mild steel tubes and fittings and providing extra sockets and jamnuts, including hoisting upto a height of 5 mtr above G.L and placing the tank in required position including conveyance of all materials to work site, payment of royalty, taxes etc all complete as per P.H specification and direction of the E.I.C.	Ltrs	4000.0	12.19	48760.00
14	P/F 110 mm PVC Pipe including all materials, transportation, labour etc. complete.	Rmt	36.0	412.40	14846.40
15	P/F 75 mm PVC Pipe including all materials, transportation, labour etc. complete.	Rmt	20.0	203.50	4070.00
16	Supplying all materials, labour, T&P and constructing Manhole Chamber of the following sizes with cement concrete (1:3:6) using 40 mm size HG metal on bed, 1st class KB Brick work in CM (1:6) moulding and shaping the channel inside and benching with C:C (1:1.5:3) using 12 mm size H.G chips, 12 mm thick cement plaster (1:3) with punning to inside, cement flush pointing (1:3) to outside, RCC cover slab in C.C(1:1.5:3) using 12 mm size H.G chips with RCC man hole cover, earth work excavation in all kinds of soil and refilling the cavity around the chamber including watering, curing, conveyance of all materials to worksite, payment of royalty, taxes etc. all complete as per approved specification and direction of E.I.C (910mm x 910mm x 910)mm Manhole chamber	Nos	6.0	14138.00	84828.00
17	P/F & laying of 110 mm PVC Pipe (phinolex) including E/W, sand filling, pcc(1:4:8), centering & shuttering & C.C(1:2:4) including all materials labour etc complete.	Rmt	68.0	802.10	54542.80
18	Construction of Gully Trap Chamber (0.25 x 0.25 inside Size)	Nos	6.0	1626.30	9757.80
19	P/F of 110 mm floor Trap including all materials, transportation, labour etc. complete.	Nos	8.0	249.90	1999.20
20	P/F of 110 mm PVC Plain bend including all materials, transportation, labour etc. complete.	Nos	10.0	147.00	1470.00

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21	P/F of CP Pillar cock including all materials,transportation,labour etc. complete.	Nos	8.0	1061.77	8494.17
22	P/F of CP Bibcock including all materials,transportation,labour etc. complete.	Nos	16.0	754.75	12076.03
23	P/F of CP Anglecock including all materials,transportation,labour etc. complete.	Nos	8.0	613.68	4909.48
24	P/F of 2 in 1 Anglecock including all materials,transportation,labour etc. complete.	Nos	4.0	1963.30	7853.20
25	P/F of concealed stpcock including all materials,transportation,labour etc. complete.	Nos	4.0	855.80	3423.20
26	P/F of CP Shower including all materials,transportation,labour etc. complete.	Nos	4.0	648.40	2593.60
27	P/F of 20x600 mm CP Towel Rail including all materials,transportation,labour etc. complete.	Nos	8.0	1007.90	8063.20
28	Glass shelf with cp bracket and guard rail including all materials,transportation,labour etc. complete.	Nos	4.0	595.40	2381.60
29	P/F of Soap dish including all materials,transportation,labour etc. complete.	Nos	8.0	270.20	2161.60
30	Construction of Septic Tank (3.00 m x 2.00 m x 2.00 m outside size) including all materials labour etc complete as per direction of engineer -in- charge.	Nos	1.0	65124.80	65124.80
31	Supplying all materials, labour, T&P and constructing soakway pit of the following size with dry brick walling from bottom upto invert of inlet pipe and 1st class KB brick work in CM (1:6) for the remaining height at top, 12mm thick Cement Plaster (1:4) inside and outside over masonry brick work, gravel packing in the rear of well steining, RCC cover slab in CC (1:1.5:3) using 12mm HG chips, fitted with iron lifting handles including earthwork in open well excavation in all kinds of soil and refilling of cavity around the pit & painting the iron works, watering, curing, conveyance of all materials to work site, payment of royalty, taxes etc all complete as per approved specification and direction of the E.I.C.(1.40 m dia x 2.00m Deep)	Nos	1.0	15789.00	15789.00
32	Groove cutting	Rmt	40.0	175.00	7000.00
33	Hole cutting	Nos	10.0	172.40	1724.00

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