



# ZILLA SWASTHYA SAMITY, NUAPADA

DISTRICT PROGRAMME MANAGEMENT UNIT, NHM

NUAPADA, ODISHA, 766105



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Letter No: 357 DPMU/NHM/ 2020

Date: 28/1/2020

## TENDER CALL NOTICE

Sealed tenders (Percentage Rate) in conformity with the DTCN are invited from the "D" / "C" Class contractors registered with the State Govt. for execution of works under Zilla Swasthya Samiti, Nuapada as per Annexure-I of DTCN. The tender document (DTCN & BOQ) can be obtained from district NIC Website ([www.nuapada.nic.in](http://www.nuapada.nic.in)) from Dt- 28.01.2020 to 10.02.2020 till 5.00P.M. The tender document (DTCN & BOQ) duly signed by the Contractors should be accompanied with the self attested photo copy of valid GST Clearance certificate, PAN card, Registration Certificate and requisite EMD in shape of Demand Draft drawn in favor of ZSS, NON-NRHM Nuapada" payable at "Nuapada" from any Nationalized Bank and NSC/ KVP/ Time Deposit duly pledged. The tender document (DTCN & BOQ) should accompanied with requisite tender paper cost in shape of Demand Draft drawn in favor of ZSS, NON-NRHM Nuapada" payable at "Nuapada" from any Nationalized Bank. The tenders will be received up to Dt-10.02.2020 till 5.00 p.m. and addressed to O/O Chief District Medical & Public Health Officer, Nuapada through Registered/Speed Post /Courier only. The tender is scheduled to be opened on Dt 11.02.2020 at 11.00 a.m. at DTU, O/O the Chief District Medical & Public health Officer, Nuapada in presence of the tenderers or their authorized representatives. All bidders shall have to submit an affidavit in support of authenticity of documents/ credentials. The detail terms and conditions can be seen at NIC Website ([www.Nuapada.nic.in](http://www.Nuapada.nic.in)). The name of the work should be written on the top of the envelope as Construction of Health wellness centre (HWC) at \_\_\_\_\_ Sub Centre. The undersigned reserves the right to cancel the tender without assigning any reason thereof.

Sl. No.	Name of the Work	Total no of works	Estimated cost (in Rs.) without GST	Availability of Tender document (DTCN & BOQ)	Period of completion
1	Construction of Health wellness centre (HWC) at SC level	08 (Eight) nos percentage tender Detailed given in tender documents	Approximated Estimate cost is from Rs. 6,18,606 to Rs.6,19,130	The tender documents (DTCN & BOQ) may be obtained from NIC website ( <a href="http://www.Nuapada.nic.in">www.Nuapada.nic.in</a> ) from 28.01.2020 to 10.02.2020 till 5PM	Two Months

CDM & PHO cum DMD, Nuapada



**ZILLA SWASTHYA SAMITI, NUAPADA**  
**OFFICE OF THE CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER**  
**Dist. Head Quarters Hospital Campus, Nuapada-766105**

**DEPARTMENT OF HEALTH & FAMILY WELFARE**  
**GOVT. OF ODISHA**

**DETAILED TENDER CALL NOTICE**  
**(For different work vide TCN no- 357/DPMU/NHM /2020, Dated- 28/01/2020)**

**For the Year-2019-20**

1. Sealed tenders are invited from the registered Contractors of State Govt. C & D class contractors in prescribed form to be eventually drawn in P.W.D. form No. F<sub>2</sub> and will be received at o/o Chief District Medical & Public Officer, Nuapada **up to 5.00PM Dated-10.02.2020** for the works as mentioned in the **ANNEXURE-I** and will be opened before the tender committee in the presence of the tenderers or their authorized representatives **at 11.00AM on Dated-11.02.2020**. The amount of the estimate is approximately as mentioned in Column no-3 of the ANNEXURE-I.

2. The tenderers should please note that the work will have to be completed within two month commencing from the date of issue of work order. Tenderers are required to submit detail programme of works along with the tender which they consider necessary keeping in view of the clause 2 of the P.W.D. Form No.-F<sub>2</sub>. Without these programmes of works, the tender will be considered defective. Authority for acceptance of tenders would rest with Chief District Medical & Public Health Officer, Nuapada.

3. Tenderers are required to pay Earnest Money Deposit at 1% of the estimated amount either in shape of Bank Draft/N.S.C./ Kissan Vikas Patra/ Postal Time Deposit Pass Book/ Deposit Receipt of Scheduled Bank duly pledged to the Zilla Swasthya Samiti, NON-NRHM ,Nuapada otherwise their tender will not be considered.

The EMD will be refunded to the unsuccessful tenderers on application as per the terms and conditions laid down in O.P.W.D. Code and the same will be retained in case of the successful tenderers and will not carry any interest.

4. (a) The plan & specification for the work can be seen at the office of the Chief District Medical & Public Health Officer (DPMU Engineering Cell) during working hours and days. Complaints at a future date that the plan and specifications have not been seen can not be entertained. The contractor may obtain a set of tender documents (DTCN & BOQ) for the work from district **NIC Website (www.Nuapada.nic.in)**. The tender paper cost as mentioned in column no-5 of **ANNEXURE-I** should be accompanied along with the tender paper in shape of Demand draft drawn in favor of ZSS NON-NRHM, Nuapada payable at Nuapada. The amount is not refundable. The name of the tenderer and the name of the work are to be super scribed on the cover.

(b) All other information's can be obtained on application to the Chief District Medical & Public Health Officer, Nuapada.

The authority will not be responsible if any portion of the tender document is modified and in all cases this conditions stipulated in the original document kept in the office of the undersigned shall prevail.

(c) The intending tenders may remit the cost of the tender papers through postal money order. However, the organization will not be held responsible, if there is any delay in receipt of tender documents by the intending contractors sent by department through



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registered post and similarly the tender documents sent through registered / Speed post/Courier do not reach in the CDM & PHO Office, Nuapada by the scheduled date and time, their offers will not be considered on any account even if the tender documents were dispatched by the tenderers before the due date. The cost of registration will be borne by the intending tenderers.

5. Chief District Medical & Public Health Officer, Nuapada reserves the right to reject any or all the tenders received without assigning any reasons there of.

6. The tenderer whose tender is selected for acceptance shall within a period of seven days upon 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 as shown in clause 3 above and sign the agreement in the P.W.D. Form No.-F<sub>2</sub> (Schedule XLV No.-61) for due fulfillment of contract in the office of the Chief District Medical Officer, Nuapada.

The security deposit, together with the earnest money and the amount withheld according to the provision of F<sub>2</sub> agreement shall be retained as security deposit for the fulfillment of this contract. Failure to enter into the required agreement and to make the security deposit as above shall entail forfeiture of the earnest money. No tender shall be finally accepted until; the required amount of security money is deposited. The written agreement to be entered into between the contractor and the ZSS, Nuapada shall be foundation of rights of 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 of behalf of the Government. The department will accept the security deposit in the form of N.S.C., N.D.C., Postal Time Deposit Pass Book duly pledged to Zilla Swasthya Samiti, Nuapada and in no other form. In case of tenderers who have made fixed deposits, 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 and figures and the units in words in the respective BOQ of the work otherwise the tender will be liable for rejection. In case of discrepancy between words and figures, the words 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 Paise, but not in Rupees and annas. The tender shall be written legibly and free from erasures, overwriting's or conversation 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 contractors shall be responsible for payment of all royalties or other charges for quarrying materials. All local taxes inclusive of State Sales Tax & Income Tax, Ferry & Tollage charges and Octroi Taxes are to be paid by Contractor.

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9. The tender may not, at the discretion of the competent authority, be considered unless accompanied by attested copies of recent GST return, non assessment certificate as the case may be and the original certificate produced before the CDM & PHO, Nuapada 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, 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 to impose shall be recovered from any sum that may then or at any time there after 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 "Workman" compensation Act. VII 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 Orissa before submitting his tender. The rights is reserved without impairing the contract to make such increase in the quantities or items 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 Govt. 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 additions or deduction and such omission deduction shall in no case invalidate the contract and no extra monetary compensation will be entertained.

Department 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 concrete work should confirm to Orissa Detail standard specification & should be of grade M 15 and M 20 equivalent to nominal proportion 1:2:4 / 1:1.5:3 having minimum compressive strengthen in work test of 150 Kg/ Cm<sup>2</sup> / 200 Kg / Cm<sup>2</sup> in 15 Cm. cubes at 28 days after mixing and test conducted in accordance with 1: S-456 & 516 using 12mm. to 20mm. size hard black crusher broken granite chips. (20mm size not to exceed 25%)

14. Shuttering and centering shall be with ply ade leak proof and water tight or alternatively steel shuttering and centering may be used.

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A handwritten signature in black ink, appearing to be 'M. S.', is written over a faint, circular stamp or watermark.

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 partly to the contract at any place outside the State of Odisha

16. After the work is finished all surplus materials and debris are to removed by the contractor and preliminary work such as vats, mixing platform etc. are to the dismantled and all the materials are to be removed from the site. The ground up to 15m 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.

17. 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 department at any time during the progress of the work.

18. 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.

19. 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.

20. Baling out water from the foundation either rainwater or sub-soil water if necessary should be borne by the contractor. No payment will be made for bench marks, level pillars profiles and enching and leveling ground where required. The rates quoted should be for finished items of work inclusive of these incidental items of work.

21. All the quantities mentioned in the schedule are combined for ground floor and multifloors incase multistoried 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. wherever prescribed by the Engineer in charge shall be machine mixed and vibrated 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 their standing orders No. 44 to 50 dated 25.11.1957 .

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25. Tenders are required to abide by the fair wage clauses as introduced by the Government.

26. The society will have the right to supply at any time in the interest of work any departmental materials to be used in the work, in addition to those mentioned in the clauses No.13 and the contractors shall use such materials without any controversy or dispute on that account. The rate of such materials will be at stock issue rates fixed by the departmental plus storage charges or market rates whichever is higher.

27. The contractor will be responsible for the loss or damage of any departmental materials equipments 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 rates whichever is higher.

28. The contractor should arrange at his own cost necessary tolls and plants machines concrete mixer & vibrators and other machineries such as pumps etc. required for the efficient execution of the work and rates quoted should be inclusive of the running charges of such plant and cost of consumable.

29. The contractor will have to submit to the CDM & PHO, Nuapada, monthly return of labour both skilled and unskilled employed by him on the work.

30. The tenderers are required to go through each clause of P.W.D. Form No.-F<sub>2</sub> carefully in addition to clauses mentioned herewith before tendering

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31. No part of the contract shall be sublet without written permission of CDM & PHO, Nuapada or transfer be made by power of attorney authorizing others to receive payment on the contractor's behalf.

32. No tender documents will be sold to the intending contractor after the last date stipulated for sale of tender paper.

33. If further necessary information is required Assistant Engineer, NHM, Nuapada will furnish such, but it must be clearly understood that the tenders must be received in order and according to the institutions.

34. Cement shall be used by bags and weight of cubic meter of cement being taken as 14.42qtl.

35. 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

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extension of time will be entertained under any such circumstances, for which no claim undertaking has to be furnished by the contractor in the prescribe Performa along with the application for extension of time submitted by him.

36. "Before issue of the above materials to him the contractor shall furnish Bank Guarantee of any of the Nationalized Banks for a sum of equal to the cost of materials. The Bank Guarantee should be valid for the entire period of agreement. The same may be refunded to the contractor only after the materials supplied to him are fully utilized in the works and cost thereof recovered from his bill(s) in full. If the materials are partly utilized the unutilized materials are returned by him to the Department in full and in good conditions and receipt thereof duly acknowledged by the concerned Departmental Officer".

37. No contractors will be permitted to furnish their tenders in their own manuscript papers.

38. Every tenderer is expected before quoting his rates to inspect the site of proposed works. He should also inspect the quarries and satisfy himself about the quality, availability of materials medical aids labor food stuffs etc. and the rates should be inclusive of all items of works. In every case the materials must comply with the relevant specifications and samples of stone metals chips etc. and other materials to be used are to be deposited in sealed bags duly labeled nothing the name of quarry under dated initials by the tenderer for approval of the Chief District Medical Officer, Nuapada.

39. Government 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.

40. All fittings for doors and windows if supplied by the contractor should be of best quality and should be got approved by Assistant Engineer, NHM, Nuapada, before they are used on the work.

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

42.(a) The contractor shall have to furnish a certificate in the prescribed proforma enclosed herewith along the tender to effort that he is not related to any officers of CDM & PHO Office, Nuapada.

(b) **CERTIFICATE OF NO RELATIONSHIP**

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I / We hereby certify that I / We am / are not related to any officers of CDM & PHO Office, Nuapada. 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 in case of non-submission of this certificate with tender my / our tender is liable for rejection.

Date.....

Signature of Tenderer

43. All the tenders received will remain valid for a period ninety days from the date of receipt tenders. The period of validity can also be extended if agreed to by the Department and the contractor.

44. 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.

45. 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.

46. **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 1.4.96 there wills no purchase of department store materials nor booking of materials to show utilization of budget provision. It will be the responsibility of the contractor to purchase stores and utilize them in the work since materials like cement, steel etc. are easily and abundantly available at 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 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



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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 contractors. 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 contractors conform to the standard specifications.

X

X

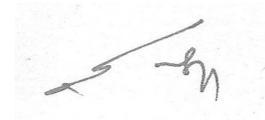
X

5. (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 works now in hand.	Amount of each work.	Period in which the work is stipulated to be completed (in months)	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

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

(b) **CERTIFICATE OF THE LIST OF T & P**

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

(i)

(ii)

(iii)

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(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

**(c) CERTIFICATE OF THE LIST OF WORK EXECUTED**

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

Sl. No.	Particulars of works already executed.	Approximate amount of each work.	Name of 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 this certificate will render my / our tender liable for rejection.

47. 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.

48. All reinforced cement concrete works like lintels, 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.

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49. At their opinions quote should be made with percentage figure.

50. The contractor shall employ one or more Engineering Graduates or Diploma Engineers as apprentices at his own cost for works costing Rs.2.50 Lakhs or more. The apprentices will be selected by the Chief Engineer (R&B) Orissa. 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 engineers respectively. The period of employment will commencement within one months of the date of issue of work order and would last till the date when 90% of work is completed. Number of apprentices employed should be fixed by Chief Engineer in any manner so that the total expenditure does not exceed 1% of the tendered cost of the work (vide works & Transport Department, Letter No.-17331, Dt.-12.08.1966).

51. 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 sales tax, ferry / tolls 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 Government for temporary occupation of land or owned by Government 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 and 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.



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(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.

52. 2.10% of the gross amount of the bill and surcharge as applicable will be deducted from the contractor's bill towards Income Tax.

53. The tax as applicable will be deducted from the bill of contractor.

54. 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 licencing authority of labour department.

55. The flyash bricks of good qualities should be used in construction. The brick should be approved by the Engineer-in-Charge before use in the work and should confirm the minimum strengthen as per national building code.

56. 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 CDMO, Nayagarh.

57. Under no circumstances interest in chargeable for the dues or additional dues, if any payable for the work.

58. 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 with holding 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 an as approved specification.

59. M/s O.B.C.C. Ltd. shall be allowed a price preference to the extent 3% on lowest tendered amount where the tender is not lowest provided they express willingness to execute the work after reduction of rates by negotiation.

60. Additional performance security: If the bid of the successful bidder is seriously unbalanced in relation to Engineer's estimate of the cost of work to be performed under the contract, the officer inviting the bid may require the bidder to produce detailed price analysis for any or all items of the bill of quantities which are quoted 10% below the

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estimated rates to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analysis, the officer inviting the bid may require that the amount of the performance security set forth be increased at the expense of the successful bidder to a level sufficient to protect the Engineer-in-Charge against financial loss in the event of default of the successful bidder under the contract. If the contractor fails to do these items of work, the amount so furnished as additional performance security will be forfeited in addition to the other penal clauses, if any, to be imposed.

- (i) In order to assess the amount of additional performance security, items for which the quoted price(s) is / are below 10% of the corresponding estimated costs shall be taken into consideration. The amount shall be determined as follows Additional performance security = difference of 90% of the summation of amount at estimated rates and quoted rates for those items, where the quoted rate is 10% less than the estimated cost.
- (ii) If the quoted rate(s) of the price bid is / are found to be front loaded, i.e. the items to be carried out in the beginning of the contract are quoted 25% higher than the estimated rates, the bid shall be evaluated as unbalanced bid and additional performance security of 10% shall be retained on the amount of those items.
- (iii) The additional performance security as per clause shall be furnished by the bidder before execution of the agreement in the form of NSC/ KVP/ POTD pledged in favour of Zilla Swasthya Samiti, NHM, Nuapada in shape of Fixed Deposit Receipt at any schedule bank, which will be over and above the performance security.

61. 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 Govt. of Orissa, Works Department Code-14/2004-9414, dt-08.06.04, concurred by Law Department Finance, vide their U.O.R. No.-1242, dt-05.08.03 and No.-193/WF-I, dt-04.03.04 respectively).

62. Clauses for site engineer and road furniture etc. in DTCN / Agreement.

In Works department Letter No.-10407, dt.-25.06.2004, the agencies executing major works should possess full-fledged field laboratory for testing of the quality of the

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work. Under the same clause, the following provision is to be made as per Works Department No.-12351/W, dated 23.07.2004.

- 1) An engineering personnel of the executing agency should be present at work site at the time of visit of Inspecting Officers in the rank of Executive Engineer, NHM /Asst. Engineer, NHM.
- 2) Brick Masonry Display Board should be constructed by the executive agency indicating Name of the department, Name of the work, estimated cost, financial year etc as per the direction of Engg- in- Charge.

Total

Clauses Only,

Issued to Shri.....Contractor.....  
Class.....

**Assistant Engineer,  
NHM, Nuapada**

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**ANNEXURE -I**

<b>Sl. No</b>	<b>Name of the work</b>	<b>Estimated cost( excl. GST )(Rs)</b>	<b>Cost of Tender Paper (Rs.)</b>	<b>Cost of EMD (1% of Estimated Cost)</b>	<b>Period of Completion</b>
1	Construction of HWC at Sub Centre Building <b>Amsena</b> under Nuapada Block for the year 2019-20	<b>6,19,027.00</b>	4,000.00	6,190.00	Two Months
2	Construction of HWC at Sub Centre Building <b>Godfula</b> under Nuapada Block for the year 2019-20	<b>6,19,130.00</b>	4,000.00	6,191.00	Two Months
3	Construction of HWC at Sub Centre Building <b>Gotma</b> under Nuapada Block for the year 2019-20	<b>6,19,027.00</b>	4,000.00	6,190.00	Two Months
4	Construction of HWC at Sub Centre Building <b>Kodomeri</b> under Nuapada Block for the year 2019-20	<b>6,19,130.00</b>	4,000.00	6,191.00	Two Months
5	Construction of HWC at Sub Centre Building <b>Badi</b> under Khariar Block for the year 2019-20	<b>6,18,888.00</b>	4,000.00	6,189.00	Two Months
6	Construction of HWC at Sub Centre Building <b>Khudpej</b> under Khariar Block for the year 2019-20	<b>6,18,907.00</b>	4,000.00	6,189.00	Two Months
7	Construction of HWC at Sub Centre Building <b>Bargaon</b> under Khariar Block for the year 2019-20	<b>6,18,860.00</b>	4,000.00	6,189.00	Two Months
8	Construction of HWC at Sub Centre Building <b>Badamaheswar</b> under Khariar Block for the year 2019-20	<b>6,18,606.00</b>	4,000.00	6,186.00	Two Months

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**Tender Schedule for the work :Construction of HWC at Subcenter building  
Amsena in the District of Nuapada for the year 2019-20**

	<b>Amount put to Tender</b>	<b>619027</b>			
	<b>Class of Contractor</b>	<b>"D" &amp; "C" Class only</b>			
	<b>EMD @ 1%</b>	<b>6190.00</b>			
	<b>Time required for completion</b>	<b>2 (Two) Calender Months</b>			
	<b>Description of items</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
1	Earth work in excavation of foundation in hard soil within initial lead and lift including rough dressing and levelling the bed etc.all complete as per direction of the EIC.	Cum	40.17	178.60	7174.91
2	Filling foundation. & plinth with well graded sand including watering and ramming etc.all complete as per direction of the EIC.	Cum	41.40	327.59	13562.68
3	Providing Cement Concrete( 1:3:6) using 40 mm size hard granite crusher broken metal including all cost, conveyance, royalty etc all complete as per direction of the EIC.	Cum	10.13	3986.02	40378.84
4	Providing Fly ash brick masonry in (1:6) C.M. in foundation & plinth including all cost, conveyance, royalty etc all complete as per direction of the EIC.	Cum	8.71	3726.16	32444.38
5	Providing Fly ash brick masonry in C.M.(1:6) in superstructure including all cost, convey, royalty etc all complete as per direction of the EIC.	Cum	17.81795	3759.49	66986.48
6	Providing R.C.C. in C.C. (1:1.5:3) using 12mm size hard granite crusher broken chips including centering, shuttering incl. all cost, conveyance, royalty etc all complete as per				
	(a) Column base	Cum	5.36	5909.66	31698.81
	b)Plinth band	Cum	2.38	6219.91	14811.76
	(c) Column & beam	Cum	1.76	11350.60	19930.16
	(d) Lintel	Cum	1.22	8879.24	10877.02
	e) Wall beam	Cum	2.03	11350.60	23081.34
	(f) Chhaja	Cum	5.30	757.85	4014.61
	(g) Roof Slab	Cum	6.81	9252.70	63006.69

Signature of the Tenderer with Seal

	Description of items	Unit	Quantity	Rate	Amount
7	Supplying fitting & fixing M.S.reinforcement including labour charges, cost of rod, T.C. of rod & cost of binding wire etc.all complete as per direction of the EIC.	Qtl	21.14	5366.50	113429.26
8	Providing 12 mm thick cement plaster in C.M. (1:6) incl all cost, conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	72.44	127.97	9270.65
9	Providing 16 mm thick cement plaster in C.M. (1:6) incl all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	69.46	183.19	12725.31
10	Supplying, fitting, fixing M.S. grill and grill door incl. all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Kg	376	70.20	26395.20
11	Painting two coats over one coat of priming of approved shade incl cost of paint, primer & labour etc.all complete as per direction of the EIC.	Sqm	21.75	133.10	2894.54
12	Fixing Vitrified tiles in floor & dados skirting and rises of steps on 12mm thick bed of cement mortar ( 1 : 1 ) joined with neat cement slury mixed with pigment to match the shades of the tiles including cost of tiles & rubbing and polishing etc.complete.	Sqm	55.58	997.97	55468.83
13	Fixing Ceramic tiles in dados skirting and rises of steps on 12mm thick bed of cement mortar ( 1 : 1 ) joined with neat cement slury mixed with pigment to match the shades of the tiles including cost of tiles & rubbing and polishing etc.complete.	Sqm	0.00	997.97	0.00
13	Finishing wall with two coats with weather of approved shade including all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	69.46	66.71	4633.99
14	Distemping two coats with distemper of approved shade incl all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	72.44	63.67	4612.34
15	20 mm thick cement plaster with (1:4) c.m. over top of the slab.	Sqm	31.59	200.62	6336.81
	<b>Civil Sub Total</b>				<b>563734.63</b>

Signature of the Tenderer with Seal

	Description of items	Unit	Quantity	Rate	Amount
	<b>Electrical</b>	Unit	Quantity	Rate	Amount
1	Recessed wiring to light point/ fan piont with 1.5 sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non metallic PVC flexible conduit with 5 amp, 250 V paino type swith ISI marked and ceiling rose ISI marked mounted of MS box having a front bakelite cover of suitable size, MS box with 1.5 sqmm FR PVC insulated single core multistrand copper conducture as earth wire including all assories and connection as direction of Engineer in charge( Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL)				
	Light Point	point	4	403.88	1,615.52
	Fan Point	point	2	615.77	1,231.54
2	Supplying and fixing of 5 amp plug with switch on exisiting board ( Piano type/cover including connection etc as required)	point	3	83.14	249.42
3	Recessed wiring to Submain in the following sqmm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS 694/1990 with the following mm dia non metallic heavy duty flexible conduit 1.6 mm thick along the following sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required ( Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL) as direction of Engineer in charge				
	2x 2.5 sq mm+ 1x 1.5 sq mm	m	60	134.06	8,043.60
	s/f of 40 amp DP MCB as per direction of Engine	each	1	1,074.43	1,074.43
4	Supplying installation testing and commissioning following fan A.C ceiling fan 48 " size ( Make in USHA striker/ Orient) as per direction of Engineer in charge	each	2	1,783.15	3,566.30
5	Supplying fixing electronic type fan regulator ( Make cona/ anchor/ USHA/ Bajaj) as per direction of Engineer in charge	each	2	210.00	420.00
6	Supplying and fixing of led bulb 18 watt/ 20 watt( make bajaj/ phillips/ anchor/ havels/ orient) as per direction of Engineer in charge	each	5	200.00	1,000.00

Signature of the Tenderer with Seal

	Description of items	Unit	Quantity	Rate	Amount
7	Earthing with GI earth pipe 3 mt long incl. accessories and providing mesonary with cover plate having locking arrangement and watering pipe with charcoal and salt as required.	each	1	2,850.24	2,850.24
8	Supplying & laying 6 SWG G.I wire in recess for loop earthing as required	mt	6	47.68	286.08
9	S/F of 5 to 32 AMP rating 240 Volt "B" series MCB for lighting and other loads in the existing MCB distribution board ISI marked complete with Connection testing and commissioning etc as required.	each	3	127.56	382.68
10	4 way Single pole and neutral sheet steel MCB 250 V unresesst tin copper bar , neutral bar,earth bar, detaching gland plate internal connection and powder coating incl. earthing etc as required(with out MCB)4 way 2 single door	each	1	848.90	848.90
11	Supplying instalation & commissioning of 32 AMP IDCP main switchs (IS 13940 part 3/1993) onexisting surface complete with H.R.C fuse links, interconnections earthing etc as required as per direction of Engineer in charge (make slemens/HPL/ Anchor/L & T /C & S/R.K/hevels) etc	each	1	851.58	851.58
12	Supplying of 200 mm x 250 mm x 25 mm deep for fixing for 32 AMP IDCP main switch	each	1	206.75	206.75
13	S/F to 16/18 SWG metal box of following sizes in resses of swetable size of phenolic laminated sheet cover in front including cutting the wall and making good the same in case of recessed conduit as required 200mm x 250 mm x 75 mm deep(1.24.9)	each	4	206.75	827.00
	<b>Electrical Sub Total</b>				<b>23,454.04</b>
	<b>PH Work</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
1	Supplying all materials, labour, T&P and fixing C.P/Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.				
	32 mm dia C.P/Brass waste	nos	1	210.90	210.90

Signature of the Tenderer with Seal

	Description of items	Unit	Quantity	Rate	Amount
2	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction of the E.I.C.				
	P.V.C waste pipe 32mm dia with length not less than 700 mm	nos	1	104.00	104.00
3	Supplying all materials, labour ,T&P and laying in trenches PVC) conforming to ASTM-D-1785/1989(Sch-80) of the following nominal bore and pipe fittings including testing etc all complete as per direction of the E.I.C.				
	20mm dia PVC Pipe(External)	m	5	58.60	293.00
4	Providing and fixing to wall or ceiling and floor PVC pipes conforming to ASTM-D-1785/1989(Sch-80) and pipe fittings of the following nominal bore and pipe fittings with clamps including making good the ceiling and floor testing etc all complete as per direction of the E.I.C.				
	20mm dia PVC Pipe(Internal)	m	5	109.50	547.50
5	Supplying all materials, labour, T&P for providing fitting and fixing of brass/C.P fittings of the following nominal bore with supply of all jointing materialsetc. all completed as per approved specification and direction of E.I.C				
	20 mm C.P stop cock	nos	1	794.70	794.70
	15 mm dia C.P Bib cock (Long Nose Elbow Action)	nos	1	820.40	820.40
	15 mm C.P Extension piece 50 mm long	nos	1	58.70	58.70
6	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.				
	600mm x 450mm B.E glass mirror	nos	1	681.90	681.90
7	Supplying all materials,labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C				
	20mm x 450mm long C.P towel Rail	nos	1	798.80	798.80

Signature of the Tenderer with Seal

	Description of items	Unit	Quantity	Rate	Amount
8	Supplying all materials, labour, T&P and fitting and fixing on wall face U-PVC SWR (soil, waste, rain water) Waste pipes and fittings of the following outside diameter conforming to ISI No 13592/1992 to walls with nails, bobbins and wooden plugs including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification, testing etc all complete as per P.H specification and direction of the E.I.C.				
	110 mm dia PVC pipe	rmt	6	204.20	1,225.20
	75 mm dia PVC pipe	rmt	10	121.10	1,211.00
	110 mm P trap	nos	2	299.70	599.40
	110 mm dia U PVC DoorTee	nos	2	296.70	593.40
	110 mm dia U PVC plain bend	nos	2	147.00	294.00
	110 mm dia U PVC D/Jn with door	nos	2	296.70	593.40
	110 mm dia UPV vent cowl	nos	2	77.30	154.60
	75 mm dia PVC Door bend	nos	2	122.90	245.80
	125 mm CP Grating	nos	2	68.30	136.60
9	Supplying all materials, labour, T&P and cutting holes through existing brick/stone masonry walls for taking HCl/PVC pipes and fittings including making good the damages in cement mortar (1:4) etc. all complete as per P.H. specification and direction of E.I.C.	nos	2	160.20	320.40
10	Supplying all materials, labour, T&P and fixing water closet, squatting pan (Indian type W.C pan/Orissa pattern squatting pan) duly embedded in cement concrete (1:4:8) using 4cm size hard granite metal including fixing a pair of vitreous china 250mm x 130mm x30mm footrest etc all complete as per specification and direction of the E.I.C.	nos	2	2,717.50	5,435.00
11	Providing fitting and fixing of flushing cistern concealed type with coverplate 40 mm size	nos	2	2,790.00	5,580.00

Signature of the Tenderer with Seal

	Description of items	Unit	Quantity	Rate	Amount
12	Supplying all materials, labour, T&P and fixing wash hand basin with hole for pillar tap with C.I./M.S brackets paintedwhite including holes in walls and making good the damages etc all complete as per specification and direction of the E.I.C. 550mmx400mm size wash hand basin	nos	1	2,225.00	2,225.00
13	Supplying all materials, labour, T&P and fixing C.P/Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	210.90	210.90
14	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction of the E.I.C. P.V.C waste pipe 32mm dia with length not less than 700 mm	nos	1	104.00	104.00
15	Supplying all materials, labour, T&P and fixing 15 mm dia P.V.C connection pipe of the following nominal diameter and making connection with Pillar cock and supply main for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	84.10	84.10
16	Providing fitting & fixing of 15 mm nominal bore bob cock for wash basin with popup wastew system of approve quality	nos	1	600.00	600.00
17	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.				
	600mm x 450mm B.E glass mirror	nos	1	681.90	681.90
18	Supplying all materials,labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	1	996.80	996.80
19	Supplying all materials,labour, T&P and fixing standard sized CP Soap holder complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	2	262.40	524.80

Signature of the Tenderer with Seal

	Description of items	Unit	Quantity	Rate	Amount
20	Supplying all materials,labour, T&P and fixing standard sized unforeseen items like Pipes etc or any other PH materials	LS		5,712.00	5,712.00
	<b>PH Sub Total</b>				<b>31,838.00</b>
	Grand Total				<b>619,026.67</b>

**Signature of Tenderer with Seal**

**TO BE FILLED BY THE TENDERER**

1) My/Our quoted rate is (both in figure and words)

	In figure	In Words
Equal to estimated cost	%	
Excess in percentage	%	
Less in Percentage	%	

**Notes**

- 1)The tenderer should quote the decimal upto one decimal point only.
- 2)The tenderer should go through the special condition in DTCN for percentage rate contract
- 3)The tenderer should go quote their percentage inside the space provided.
- 4)The percentage quoted at any other place will not be taken into consideration.

**OFFICE USE ONLY**

Construction of HWC at SC Building Amsena in the district of Nuapada for the year 2019-20

Sold for the above work on payment of

RS.....only per set vide money receipt no  
.....Book No.....Dt.....

EMD Rs.....in Shape of

Registration Certificate furnished or not furnished

STCC(GSTIN)furnished /not furnished

ITCC(PAN CARD)furnished /not furnished

No of Correction

No of Overwriting

No of Interpolation

**Signature of Tenderer with Seal**

## **BILL OF QUANTITY**

**Tender Schedule for the work :Construction of HWC at Subcenter building Gotma  
in the District of Nuapada for the year 2019-20**

<b>Amount put to Tender</b>	<b>619027</b>
<b>Class of Contractor</b>	<b>"D" &amp; "C" Class only</b>
<b>EMD @ 1%</b>	<b>6190.00</b>
<b>Time required for completion</b>	<b>2 (Two) Calender Months</b>

SI No	Description of items	Unit	Quantity	Rate	Amount
1	Earth work in excavation of foundation in hard soil within initial lead and lift including rough dressing and levelling the bed etc.all complete as per direction of the EIC.	Cum	<b>40.17</b>	178.60	7174.91
2	Filling foundation. & plinth with well graded sand including watering and ramming etc.all complete as per direction of the EIC.	Cum	<b>41.40</b>	327.59	13562.68
3	Providing Cement Concrete( 1:3:6) using 40 mm size hard granite crusher broken metal including all cost, conveyance, royalty etc all complete as per direction of the EIC.	Cum	<b>10.13</b>	3986.02	40378.84
4	Providing Fly ash brick masonry in (1:6) C.M. in foundation & plinth including all cost, conveyance, royalty etc all complete as per direction of the EIC.	Cum	<b>8.71</b>	3726.16	32444.38
5	Providing Fly ash brick masonry in C.M.(1:6) in superstructure including all cost, convey, royalty etc all complete as per direction of the EIC.	Cum	<b>17.818</b>	3759.49	66986.48
6	Providing R.C.C. in C.C. (1:1.5:3) using 12mm size hard granite crusher broken chips including centering, shuttering incl. all cost, conveyance, royalty etc all complete as per direction of the EIC.				
	(a) Column base	Cum	<b>5.36</b>	5909.66	31698.81
	b)Plinth band	Cum	<b>2.38</b>	6219.91	14811.76
	(c) Column & beam	Cum	<b>1.76</b>	11350.60	19930.16
	(d) Lintel	Cum	<b>1.22</b>	8879.24	10877.02
	e) Wall beam	Cum	<b>2.03</b>	11350.60	23081.34
	(f) Chhaja	Cum	<b>5.30</b>	757.85	4014.61
	(g) Roof Slab	Cum	<b>6.81</b>	9252.70	63006.69

SI No	Description of items	Unit	Quantity	Rate	Amount
7	Supplying fitting & fixing M.S.reinforcement including labour charges, cost of rod, T.C. of rod & cost of binding wire etc.all complete as per direction of the EIC.	Qtl	<b>21.14</b>	5366.50	113429.26
8	Providing 12 mm thick cement plaster in C.M. (1:6) incl all cost, conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	<b>72.44</b>	127.97	9270.65
9	Providing 16 mm thick cement plaster in C.M. (1:6) incl all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	<b>69.46</b>	183.19	12725.31
10	Supplying, fitting, fixing M.S. grill and grill door incl. all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Kg	<b>376</b>	70.20	26395.20
11	Painting two coats over one coat of priming of approved shade incl cost of paint, primer & labour etc.all complete as per direction of the EIC.	Sqm	<b>21.75</b>	133.10	2894.54
12	Fixing Vitrified tiles in floor & dados skirting and rises of steps on 12mm thick bed of cement mortar ( 1 : 1 ) joined with neat cement slury mixed with pigment to match the shades of the tiles including cost of tiles & rubbing and polishing etc.complete.	Sqm	<b>55.58</b>	997.97	55468.83
13	Finishing wall with two coats with weather of approved shade including all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	<b>69.46</b>	66.71	4633.99
14	Distempering two coats with distemper of approved shade incl all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	<b>72.44</b>	63.67	4612.34
15	20 mm thick cement plaster with (1:4) c.m. over top of the slab.	Sqm	<b>31.59</b>	200.62	6336.81
	<b>Civil Sub Total</b>			<b>Total</b>	<b>563734.63</b>

SI No	Description of items	Unit	Quantity	Rate	Amount
1	Recessed wiring to light point/ fan point with 1.5 sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non metallic PVC flexible conduit with 5 amp, 250 V piano type switch ISI marked and ceiling rose ISI marked mounted of MS box having a front bakelite cover of suitable size, MS box with 1.5 sqmm FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection as direction of Engineer in charge ( Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL )				
	Light Point	point	4	403.88	1,615.52
	Fan Point	point	2	615.77	1,231.54
2	Supplying and fixing of 5 amp plug with switch on existing board ( Piano type/cover including connection etc as required)	point	3	83.14	249.42
3	Recessed wiring to Submain in the following sqmm FR PVC insulated single core multistrand copper conductor of ISI marked conforming to IS 694/1990 with the following mm dia non metallic heavy duty flexible conduit 1.6 mm thick along the following sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required ( Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL) as direction of Engineer in charge				
	2x 2.5 sq mm+ 1x 1.5 sq mm	m	60	134.06	8,043.60
	s/f of 40 amp DP MCB as per direction of Engineer in charge	each	1	1,074.43	1,074.43
4	Supplying installation testing and commissioning following fan A.C ceiling fan 48 " size ( Make in USHA striker/ Orient) as per direction of Engineer in charge	each	2	1,783.15	3,566.30
5	Supplying fixing electronic type fan regulator ( Make cona/ anchor/ USHA/ Bajaj) as per direction of Engineer in charge	each	2	210.00	420.00
6	Supplying and fixing of led bulb 18 watt/ 20 watt (make bajaj/ phillips/ anchor/ havells/ orient) as per direction of Engineer in charge	each	5	200.00	1,000.00

SI No	Description of items	Unit	Quantity	Rate	Amount
7	Earthing with GI earth pipe 3 mt long incl. accessories and providing mesonary with cover plate having locking arrangement and watering pipe with charcoal and salt as required.	each	1	2,850.24	2,850.24
8	Supplying & laying 6 SWG G.I wire in recess for loop earthing as required	mt	6	47.68	286.08
9	S/F of 5 to 32 AMP rating 240 Volt "B" series MCB for lighting and other loads in the existing MCB distribution board ISI marked complete with Connection testing and commissioning etc as required.	each	3	127.56	382.68
10	4 way Single pole and neutral sheet steel MCB 250 V unreseset tin copper bar , neutral bar,earth bar, detaching gland plate internal connection and powder coating incl. earthing etc as required(with out MCB)4 way 2 single door	each	1	848.90	848.90
11	Supplying instalation & commissioning of 32 AMP IDCP main switches (IS 13940 part 3/1993) onexisting surface complete with H.R.C fuse links, interconnections earthing etc as required as per direction of Engineer in charge (make slemens/HPL/ Anchor/L & T /C & S/R.K/hevels) etc	each	1	851.58	851.58
12	Supplying of 200 mm x 250 mm x 25 mm deep for fixing for 32 AMP IDCP main switch	each	1	206.75	206.75
13	S/F to 16/18 SWG metal box of following sizes in resses of swetable size of phenolic laminated sheet cover in front including cutting the wall and making good the same in case of recessed conduit as required 200mm x 250 mm x 75 mm deep(1.24.9)	each	4	206.75	827.00
	<b>Electrical Sub Total</b>				<b>23,454.04</b>
1	Supplying all materials, labour, T&P and fixing C.P/Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.				
	32 mm dia C.P/Brass waste	nos	1	210.90	210.90

SI No	Description of items	Unit	Quantity	Rate	Amount
2	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction of the E.I.C.				
	P.V.C waste pipe 32mm dia with length not less than 700 mm	nos	1	104.00	104.00
3	Supplying all materials, labour, T&P and laying in trenches PVC) conforming to ASTM-D-1785/1989(Sch-80) of the following nominal bore and pipe fittings including testing etc all complete as per direction of the E.I.C.				
	20mm dia PVC Pipe(External)	m	5	58.60	293.00
4	Providing and fixing to wall or ceiling and floor PVC pipes conforming to ASTM-D-1785/1989(Sch-80) and pipe fittings of the following nominal bore and pipe fittings with clamps including making good the ceiling and floor testing etc all complete as per direction of				
	20mm dia PVC Pipe(Internal)	m	5	109.50	547.50
5	Supplying all materials, labour, T&P for providing fitting and fixing of brass/C.P fittings of the following nominal bore with supply of all jointing materialsetc. all completed as per approved specification and direction of E.I.C				
	20 mm C.P stop cock	nos	1	794.70	794.70
	15 mm dia C.P Bib cock (Long Nose Elbow Acti	nos	1	820.40	820.40
	15 mm C.P Extension piece 50 mm long	nos	1	58.70	58.70
6	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.				
	600mm x 450mm B.E glass mirror	nos	1	681.90	681.90
7	Supplying all materials,labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C				
	20mm x 450mm long C.P towel Rail	nos	1	798.80	798.80

SI No	Description of items	Unit	Quantity	Rate	Amount
8	Supplying all materials, labour, T&P and fitting and fixing on wall face U-PVC SWR (soil, waste, rain water) Waste pipes and fittings of the following outside diameter conforming to ISI No 13592/1992 to walls with nails, bobbins and wooden plugs including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification, testing etc all complete as per P.H specification and direction of the E.I.C.				
	110 mm dia PVC pipe	rmt	6	204.20	1,225.20
	75 mm dia PVC pipe	rmt	10	121.10	1,211.00
	110 mm P trap	nos	2	299.70	599.40
	110 mm dia U PVC Door Tee	nos	2	296.70	593.40
	110 mm dia U PVC plain bend	nos	2	147.00	294.00
	110 mm dia U PVC D/Jn with door	nos	2	296.70	593.40
	110 mm dia UPV vent cowl	nos	2	77.30	154.60
	75 mm dia PVC Door bend	nos	2	122.90	245.80
	125 mm CP Grating	nos	2	68.30	136.60
9	Supplying all materials, labour, T&P and cutting holes through existing brick/stone masonry walls for taking HCI/PVC pipes and fittings including making good the damages in cement mortar (1:4) etc. all complete as per P.H. specification and direction of E.I.C.	nos	2	160.20	320.40
10	Supplying all materials, labour, T&P and fixing water closet, squatting pan (Indian type W.C pan/Orissa pattern squatting pan) duly embedded in cement concrete (1:4:8) using 4cm size hard granite metal including fixing a pair of vitreous china 250mm x 130mm x30mm footrest etc all complete as per specification and direction of the E.I.C.	nos	2	2,717.50	5,435.00
11	Providing fitting and fixing of flushing cistern concealed type with coverplate 40 mm size	nos	2	2,790.00	5,580.00

SI No	Description of items	Unit	Quantity	Rate	Amount
12	Supplying all materials, labour, T&P and fixing wash hand basin with hole for pillar tap with C.I./M.S brackets painted white including holes in walls and making good the damages etc all complete as per specification and direction of the E.I.C. 550mmx400mm size wash hand basin	nos	1	2,225.00	2,225.00
13	Supplying all materials, labour, T&P and fixing C.P/Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	210.90	210.90
14	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction of the E.I.C. P.V.C waste pipe 32mm dia with length not less than 700 mm	nos	1	104.00	104.00
15	Supplying all materials, labour, T&P and fixing 15 mm dia P.V.C connection pipe of the following nominal diameter and making connection with Pillar cock and supply main for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	84.10	84.10
16	Providing fitting & fixing of 15 mm nominal bore bob cock for wash basin with popup wastew system of approve quality	nos	1	600.00	600.00
17	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.	nos	1	681.90	681.90
	600mm x 450mm B.E glass mirror				
18	Supplying all materials,labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	1	996.80	996.80

SI No	Description of items	Unit	Quantity	Rate	Amount
19	Supplying all materials,labour, T&P and fixing standard sized CP Soap holder complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	2	262.40	524.80
20	Supplying all materials,labour, T&P and fixing standard sized unforeseen items like Pipes etc or any other PH materials		LS	5,712.00	5,712.00
<b>PH Sub Total</b>					<b>31,838.00</b>
<b>Grand Total</b>					<b>619,026.67</b>

**TO BE FILLED BY THE TENDERER**

1) My/Our quoted rate is (both in figure and words)

	In figure	In Words
Equal to estimated cost	%	
Excess in percentage	%	
Less in Percentage	%	

**Notes**

- 1)The tenderer should quote the decimal upto one decimal point only.
- 2)The tenderer should go through the special condition in DTCN for percentage rate
- 3)The tenderer should go quote their percentage inside the space provided.
- 4)The percentage quoted at any other place will not be taken into consideration.

**OFFICE USE ONLY**

Construction of HWC at SC Building Gotma in the district of Nuapada for the year 2019-20

Sold for the above work on payment of

RS.....only per set vide money receipt  
no .....Book No.....Dt.....

EMD Rs.....in Shape of

Registration Certificate furnished or not furnished

STCC(GSTIN)furnished /not furnished

ITCC(PAN CARD)furnished /not furnished

No of Correction

No of Overwriting

No of Interpolation

**Signature of Tenderer with Seal**

## BILL OF QUANTITY

**Tender Schedule for the work : Construction of HWC at Subcenter building Godfula  
in the District of Nuapada for the year 2019-20**

<b>Amount put to Tender</b>	<b>619130</b>
<b>Class of Contractor</b>	<b>"D" &amp; "C" Class only</b>
<b>EMD @ 1%</b>	<b>6191.00</b>
<b>Time required for completion</b>	<b>2 (Two) Calender Months</b>

SI No	Description of items	Unit	Quantity	Rate	Amount
1	Earth work in excavation of foundation in hard soil within initial lead and lift including rough dressing and levelling the bed etc.all complete as per direction of the EIC.	Cum	40.17	178.60	7174.91
2	Filling foundation. & plinth with well graded sand including watering and ramming etc.all complete as per direction of the EIC.	Cum	41.40	416.47	17242.44
3	Providing Cement Concrete( 1:3:6) using 40 mm size hard granite crusher broken metal including all cost, conveyance, royalty etc all complete as per direction of the EIC.	Cum	10.13	4047.72	41003.87
4	Providing Fly ash brick masonry in (1:6) C.M. in foundation & plinth including all cost, conveyance, royalty etc all complete as per direction of the EIC.	Cum	8.71	3820.67	33267.26
5	Providing Fly ash brick masonry in C.M.(1:6) in superstructure including all cost, convey, royalty etc all complete as per direction of the EIC.	Cum	17.81795	3854.00	68670.38
6	Providing R.C.C. in C.C. (1:1.5:3) using 12mm size hard granite crusher broken chips including centering, shuttering incl. all cost, conveyance, royalty etc all complete as per direction of the EIC.				
	(a) Column base	Cum	5.36	5985.31	32104.57
	b)Plinth band	Cum	2.38	6295.56	14991.91
	(c) Column & beam	Cum	1.76	11426.25	20062.99
	(d) Lintel	Cum	1.22	8954.89	10969.69
	e) Wall beam	Cum	2.03	11426.25	23235.17
	(f) Chhaja	Cum	5.30	762.76	4040.66
	(g) Roof Slab	Cum	6.81	9328.35	63521.81

Sl No	Description of items	Unit	Quantity	Rate	Amount
7	Supplying fitting & fixing M.S.reinforcement including labour charges, cost of rod, T.C. of rod & cost of binding wire etc.all complete as per direction of the EIC.	Qtl	21.14	5373.15	113569.80
8	Providing 12 mm thick cement plaster in C.M. (1:6) incl all cost, conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	72.44	129.60	9388.35
9	Providing 16 mm thick cement plaster in C.M. (1:6) incl all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	69.46	185.15	12861.31
10	Supplying, fitting, fixing M.S. grill and grill door incl. all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Kg	376	70.20	26395.20
11	Painting two coats over one coat of priming of approved shade incl cost of paint, primer & labour etc.all complete as per direction of the EIC.	Sqm	21.75	133.10	2894.54
12	Fixing Vitrified tiles in floor & dados skirting and rises of steps on 12mm thick bed of cement mortar ( 1 : 1 ) joined with neat cement slury mixed with pigment to match the shades of the tiles including cost of tiles & rubbing and polishing etc.complete.	Sqm	46.76	1000.45	46781.23
13	Fixing Ceramic tiles in dados skirting and rises of steps on 12mm thick bed of cement mortar ( 1 : 1 ) joined with neat cement slury mixed with pigment to match the shades of the tiles including cost of tiles & rubbing and polishing	Sqm	0.00	1000.45	0.00
14	Finishing wall with two coats with weather of approved shade including all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	69.46	66.71	4633.99
15	Distempering two coats with distemper of approved shade incl all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	72.44	63.67	4612.34
16	Supplying fitting and fixing of False ceeling with Gypsum Board	Sqm	0.00	<b>752.59</b>	0.00
17	20 mm thick cement plaster with (1:4) c.m. over top of the slab.	Sqm	31.59	203.10	6415.15
	<b>Civil Sub Total</b>				<b>563837.58</b>

SI No	Description of items	Unit	Quantity	Rate	Amount
	<b>Electrical</b>				
1	Recessed wiring to light point/ fan piont with 1.5 sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non metallic PVC flexible conduit with 5 amp, 250 V paino type swith ISI marked and ceiling rose ISI marked mounted of MS box having a front bakelite cover of suitable size, MS box with 1.5 sqmm FR PVC insulated single core multistrand copper conducture as earth wire including all assories and connection as direction of Engineer in charge( Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL)				
	Light Point	point	4	403.88	1,615.52
	Fan Point	point	2	615.77	1,231.54
2	Supplying and fixing of 5 amp plug with switch on exisiting board ( Piano type/cover including connection etc as required)	point	3	83.14	249.42
3	Recessed wiring to Submain in the following sqmm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS 694/1990 with the following mm dia non metallic heavy duty flexible conduit 1.6 mm thick along the following sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required ( Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL) as direction of Engineer in charge.				
	2x 2.5 sq mm+ 1x 1.5 sq mm	m	60	134.06	8,043.60
	s/f of 40 amp DP MCB as per direction of Engineer in charge	each	1	1,074.43	1,074.43
3	Supplying installation testing and commissioning following fan A.C ceiling fan 48 " size ( Make in USHA striker/ Orient) as per direction of Engineer in charge	each	2	1,783.15	3,566.30
4	Supplying fixing electronic type fan regulator ( Make cona/ anchor/ USHA/ Bajaj) as per direction of Engineer in charge	each	2	210.00	420.00

Sl No	Description of items	Unit	Quantity	Rate	Amount
5	Supplying and fixing of led bulb 18 watt/ 20 watt( make bajaj/ phillips/ anchor/ havel's/ orient) as per direction of Engineer in charge	each	5	200.00	1,000.00
6	Earthing with GI earth pipe 3 mt long incl. accessories and providing mesonary with cover plate having locking arrangement and watering pipe with charcoal and salt as required.	each	1	2,850.24	2,850.24
7	Supplying & laying 6 SWG G.I wire in recess for loop earthing as required	mt	6	47.68	286.08
8	S/F of 5 to 32 AMP rating 240 Volt "B" series MCB for lighting and other loads in the existing MCB distribution board ISI marked complete with Connection testing and commissioning etc as required.	each	3	127.56	382.68
9	4 way Single pole and neutral sheet steel MCB 250 V unresesst tin copper bar , neutral bar,earth bar, detaching gland plate internal connection and powder coating incl. earthing etc as required(with out MCB)4 way 2 single door	each	1	848.90	848.90
10	Supplying instalation & commissioning of 32 AMP IDCP main switchs (IS 13940 part 3/1993) onexisting surface complete with H.R.C fuse links, interconnections earthing etc as required as per direction of Engineer in charge (make slemens/HPL/ Anchor/L & T /C & S/R.K/havel's) etc	each	1	851.58	851.58
11	Supplying of 200 mm x 250 mm x 25 mm deep for fixing for 32 AMP IDCP main switch	each	1	206.75	206.75
12	S/F to 16/18 SWG metal box of following sizes in resses of swetable size of phenolic laminated sheet cover in front including cutting the wall and making good the same in case of recessed conduit as required 200mm x 250 mm x 75 mm deep(1.24.9)	each	4	206.75	827.00
	<b>Electrical Sub Total</b>				<b>23,454.04</b>
	<b>PH Works</b>				
1	Supplying all materials, labour, T&P and fixing C.P/Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.				
	32 mm dia C.P/Brass waste	nos	1	210.90	210.90

SI No	Description of items	Unit	Quantity	Rate	Amount
2	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction of the E.I.C.				
	P.V.C waste pipe 32mm dia with length not less than 700 mm	nos	1	104.00	104.00
3	Supplying all materials, labour, T&P and laying in trenches PVC) conforming to ASTM-D-1785/1989(Sch-80) of the following nominal bore and pipe fittings including testing etc all complete as per direction of the E.I.C.				
	20mm dia PVC Pipe(External)	m	5	58.60	293.00
4	Providing and fixing to wall or ceiling and floor PVC pipes conforming to ASTM-D-1785/1989(Sch-80) and pipe fittings of the following nominal bore and pipe fittings with clamps including making good the ceiling and floor testing etc all complete as per direction of the E.I.C.				
	20mm dia PVC Pipe(Internal)	m	5	109.50	547.50
5	Supplying all materials, labour, T&P for providing fitting and fixing of brass/C.P fittings of the following nominal bore with supply of all jointing material etc. all completed as per approved specification and direction of E.I.C				
	20 mm C.P stop cock	nos	1	794.70	794.70
	15 mm dia C.P Bib cock (Long Nose Elbow Action)	nos	1	820.40	820.40
	15 mm C.P Extension piece 50 mm long	nos	1	58.70	58.70
6	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.				
	600mm x 450mm B.E glass mirror	nos	1	681.90	681.90
7	Supplying all materials, labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C				
	20mm x 450mm long C.P towel Rail	nos	1	798.80	798.80

SI No	Description of items	Unit	Quantity	Rate	Amount
8	Supplying all materials, labour, T&P and fitting and fixing on wall face U-PVC SWR (soil, waste, rain water) Waste pipes and fittings of the following outside diameter conforming to ISI No 13592/1992 to walls with nails, bobbins and wooden plugs including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification, testing etc all complete as per P.H specification and direction of the E.I.C.				
	110 mm dia PVC pipe	rmt	6	204.20	1,225.20
	75 mm dia PVC pipe	rmt	10	121.10	1,211.00
	110 mm P trap	nos	2	299.70	599.40
	110 mm dia U PVC DoorTee	nos	2	296.70	593.40
	110 mm dia U PVC plain bend	nos	2	147.00	294.00
	110 mm dia U PVC D/Jn with door	nos	2	296.70	593.40
	110 mm dia UPV vent cowl	nos	2	77.30	154.60
	75 mm dia PVC Door bend	nos	2	122.90	245.80
	125 mm CP Grating	nos	2	68.30	136.60
12	Supplying all materials, labour, T&P and cutting holes through existing brick/stone masonry walls for taking HCI/PVC pipes and fittings including making good the damages in cement mortar (1:4) etc. all complete as per P.H. specification and direction of E.I.C.	nos	2	160.20	320.40
13	Supplying all materials, labour, T&P and fixing water closet, squatting pan (Indian type W.C pan/Orissa pattern squatting pan) duly embedded in cement concrete (1:4:8) using 4cm size hard granite metal including fixing a pair of vitreous china 250mm x 130mm x30mm footrest etc all complete as per specification and direction of the E.I.C.	nos	2	2,717.50	5,435.00
14	Providing fitting and fixing of flushing cistern concealed type with coverplate 40 mm size	nos	2	2,790.00	5,580.00

SI No	Description of items	Unit	Quantity	Rate	Amount
15	Supplying all materials, labour, T&P and fixing wash hand basin with hole for pillar tap with C.I/M.S brackets paintedwhite including holes in walls and making good the damages etc all complete as per specification and direction of the E.I.C. 550mmx400mm size wash hand basin	nos	1	2,225.00	2,225.00
16	Supplying all materials, labour, T&P and fixing C.P/Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	210.90	210.90
17	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction of the E.I.C. P.V.C waste pipe 32mm dia with length not less than 700 mm	nos	1	104.00	104.00
18	Supplying all materials, labour, T&P and fixing 15 mm dia P.V.C connection pipe of the following nominal diameter and making connection with Pillar cock and supply main for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	84.10	84.10
19	Providing fitting & fixing of 15 mm nominal bore bob cock for wash basin with popup wastew system of approve quality	nos	1	600.00	600.00
20	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.				
	600mm x 450mm B.E glass mirror	nos	1	681.90	681.90
21	Supplying all materials,labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	1	996.80	996.80

SI No	Description of items	Unit	Quantity	Rate	Amount
22	Supplying all materials,labour, T&P and fixing standard sized CP Soap holder complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	2	262.40	524.80
23	Supplying all materials,labour, T&P and fixing standard sized unforeseen items like Pipes etc or any other PH materials		LS	5,712.00	5,712.00
	<b>PH Sub Total</b>				<b>31,838.00</b>
	<b>GRAND TOTAL</b>				<b>619,130.00</b>

**TO BE FILLED BY THE TENDERER**

1) My/Our quoted rate is (both in figure and words)

	In figure	In Words
Equal to estimated cost	%	
Excess in percentage	%	
Less in Percentage	%	

**Notes**

- 1)The tenderer should quote the decimal upto one decimal point only.
- 2)The tenderer should go through the special condition in DTCN for percentage rate
- 3)The tenderer should go quote their percentage inside the space provided.
- 4)Thepercentage quoted at any other place will not be taken into consideration.

**OFFICE USE ONLY**

Construction of HWC at SC Building Godfula in the district of Nuapada for the year 2019-20

Sold for the above work on payment of

RS.....only per set vide money receipt no  
.....Book No.....Dt.....

EMD Rs.....in Shape of

Registration Certificate furnished or not furnished

STCC(GSTIN)furnished /not furnished

ITCC(PAN CARD)furnished /not furnished

No of Correction

No of Overwriting

No of Interpolation

**Signature of Tenderer with Seal**















619,129.62

## **BILL OF QUANTITY**

**Tender Schedule for the work :Construction of HWC at Subcenter building  
Kodomeri in the District of Nuapada for the year 2019-20**

<b>Amount put to Tender</b>	<b>619130</b>
<b>Class of Contractor</b>	<b>"D" &amp; "C" Class only</b>
<b>EMD @ 1%</b>	<b>6191</b>
<b>Time required for completion</b>	<b>2 (Two) Calender Months</b>

<b>SCHEDULE OF WORKS(CIVIL)</b>					
SI No	Description of items	Unit	Quantity	Rate	Amount
1	Earth work in excavation of foundation in hard soil within initial lead and lift including rough dressing and levelling the bed etc.all complete as per direction of the EIC.	Cum	40.17	178.60	7174.91
2	Filling foundation. & plinth with well graded sand including watering and ramming etc.all complete as per direction of the EIC.	Cum	41.40	416.47	17242.44
3	Providing Cement Concrete( 1:3:6) using 40 mm size hard granite crusher broken metal including all cost, conveyance, royalty etc all complete as per direction of the EIC.	Cum	10.13	4047.72	41003.87
4	Providing Fly ash brick masonry in (1:6) C.M. in foundation & plinth including all cost, conveyance, royalty etc all complete as per direction of the EIC.	Cum	8.71	3820.67	33267.26
5	Providing Fly ash brick masonry in C.M.(1:6) in superstructure including all cost, convey, royalty etc all complete as per direction of the EIC.	Cum	17.81795	3854.00	68670.38
6	Providing R.C.C. in C.C. (1:1.5:3) using 12mm size hard granite crusher broken chips including centering, shuttering incl. all cost, conveyance, royalty etc all complete as per direction of the EIC.				
	(a) Column base	Cum	5.36	5985.31	32104.57
	b)Plinth band	Cum	2.38	6295.56	14991.91
	(c) Column & beam	Cum	1.76	11426.25	20062.99
	(d) Lintel	Cum	1.22	8954.89	10969.69
	e) Wall beam	Cum	2.03	11426.25	23235.17
	(f) Chhaja	Cum	5.30	762.76	4040.66
	(g) Roof Slab	Cum	6.81	9328.35	63521.81

Sl No	Description of items	Unit	Quantity	Rate	Amount
7	Supplying fitting & fixing M.S.reinforcement including labour charges, cost of rod, T.C. of rod & cost of binding wire etc.all complete as per direction of the EIC.	Qtl	21.14	5373.15	113569.80
8	Providing 12 mm thick cement plaster in C.M. (1:6) incl all cost, conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	72.44	129.60	9388.35
9	Providing 16 mm thick cement plaster in C.M. (1:6) incl all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	69.46	185.15	12861.31
10	Supplying, fitting, fixing M.S. grill and grill door incl. all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Kg	376	70.20	26395.20
11	Painting two coats over one coat of priming of approved shade incl cost of paint, primer & labour etc.all complete as per direction of the EIC.	Sqm	21.75	133.10	2894.54
12	Fixing Vitrified tiles in floor & dados skirting and rises of steps on 12mm thick bed of cement mortar ( 1 : 1 ) joined with neat cement slury mixed with pigment to match the shades of the tiles including cost of tiles & rubbing and polishing etc.complete.	Sqm	46.76	1000.45	46781.23
13	Fixing Ceramic tiles in dados skirting and rises of steps on 12mm thick bed of cement mortar ( 1 : 1 ) joined with neat cement slury mixed with pigment to match the shades of the tiles including cost of tiles & rubbing and polishing etc.complete.	Sqm	0.00	1000.45	0.00
13	Finishing wall with two coats with weather of approved shade including all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	69.46	66.71	4633.99
14	Distempering two coats with distemper of approved shade incl all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	72.44	63.67	4612.34
15	20 mm thick cement plaster with (1:4) c.m. over top of the slab.	Sqm	31.59	203.10	6415.15
	<b>Civil Sub Total</b>				<b>563837.58</b>

Sl No	Description of items	Unit	Quantity	Rate	Amount
	<b>Electrical Work</b>				
1	Recessed wiring to light point/ fan piont with 1.5 sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non metallic PVC flexible conduit with 5 amp, 250 V paino type swith ISI marked and ceiling rose ISI marked mounted of MS box having a front bakelite cover of suitable size, MS box with 1.5 sqmm FR PVC insulated single core multistrand copper conducture as earth wire including all assories and connection as direction of Engineer in charge( Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL)				
2	Light Point	point	4	403.88	1,615.52
	Fan Point	point	2	615.77	1,231.54
3	Supplying and fixing of 5 amp plug with switch on exisiting board ( Piano type/cover including connection etc as required)	point	3	83.14	249.42
4	Recessed wiring to Submain in the following sqmm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS 694/1990 with the following mm dia non metallic heavy duty flexible conduit 1.6 mm thick along the following sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required ( Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL) as direction of Engineer in charge.				
	2x 2.5 sq mm+ 1x 1.5 sq mm	m	60	134.06	8,043.60
	s/f of 40 amp DP MCB as per direction of Engineer in charge	each	1	1,074.43	1,074.43
5	Supplying installation testing and commissioning following fan A.C ceiling fan 48 " size ( Make in USHA striker/ Orient) as per direction of Engineer in charge	each	2	1,783.15	3,566.30
6	Supplying fixing electronic type fan regulator ( Make cona/ anchor/ USHA/ Bajaj) as per direction of Engineer in charge	each	2	210.00	420.00
7	Supplying and fixing of led bulb 18 watt/ 20 watt( make bajaj/ phillips/ anchor/ havells/ orient) as per direction of Engineer in charge	each	5	200.00	1,000.00

Sl No	Description of items	Unit	Quantity	Rate	Amount
8	Earthing with GI earth pipe 3 mt long incl. accessories and providing mesonary with cover plate having locking arrangement and watering pipe with charcoal and salt as required.	each	1	2,850.24	2,850.24
9	Supplying & laying 6 SWG G.I wire in recess for loop earthing as required	mt	6	47.68	286.08
10	S/F of 5 to 32 AMP rating 240 Volt "B" series MCB for lighting and other loads in the existing MCB distribution board ISI marked complete with Connection testing and commissioning etc as required.	each	3	127.56	382.68
11	4 way Single pole and neutral sheet steel MCB 250 V unresesst tin copper bar , neutral bar,earth bar, detaching gland plate internal connection and powder coating incl. earthing etc as required(with out MCB)4 way 2 single door	each	1	848.90	848.90
12	Supplying instalation & commissioning of 32 AMP IDCP main switchs (IS 13940 part 3/1993) onexisting surface complete with H.R.C fuse links, interconnections earthing etc as required as per direction of Engineer in charge (make slemens/HPL/ Anchor/L & T /C & S/R.K/hevels) etc	each	1	851.58	851.58
13	Supplying of 200 mm x 250 mm x 25 mm deep for fixing for 32 AMP IDCP main switch	each	1	206.75	206.75
14	S/F to 16/18 SWG metal box of following sizes in resses of swetable size of phenolic laminated sheet cover in front including cutting the wall and making good the same in case of recessed conduit as required 200mm x 250 mm x 75 mm deep(1.24.9)	each	4	206.75	827.00
	<b>Electrical Sub Total</b>				<b>23,454.04</b>
	<b>PH Work</b>				
1	Supplying all materials, labour, T&P and fixing C.P/Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.				
	32 mm dia C.P/Brass waste	nos	1	210.90	210.90

Sl No	Description of items	Unit	Quantity	Rate	Amount
2	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction of the E.I.C.				
	P.V.C waste pipe 32mm dia with length not less than 700 mm	nos	1	104.00	104.00
3	Supplying all materials, labour ,T&P and laying in trenches PVC) conforming to ASTM-D-1785/1989(Sch-80) of the following nominal bore and pipe fittings including testing etc all complete as per direction of the E.I.C.				
	20mm dia PVC Pipe(External)	m	5	58.60	293.00
4	Providing and fixing to wall or ceiling and floor PVC pipes conforming to ASTM-D-1785/1989(Sch-80) and pipe fittings of the following nominal bore and pipe fittings with clamps including making good the ceiling and floor testing etc all complete as per direction of the E.I.C.				
	20mm dia PVC Pipe(Internal)	m	5	109.50	547.50
5	Supplying all materials, labour, T&P for providing fitting and fixing of brass/C.P fittings of the following nominal bore with supply of all jointing materialsetc. all completed as per approved specification and				
	20 mm C.P stop cock	nos	1	794.70	794.70
	15 mm dia C.P Bib cock (Long Nose Elbow Action)	nos	1	820.40	820.40
	15 mm C.P Extension piece 50 mm long	nos	1	58.70	58.70
6	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.				
	600mm x 450mm B.E glass mirror	nos	1	681.90	681.90
7	Supplying all materials,labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C				
	20mm x 450mm long C.P towel Rail	nos	1	798.80	798.80

Sl No	Description of items	Unit	Quantity	Rate	Amount
8	Supplying all materials, labour, T&P and fitting and fixing on wall face U-PVC SWR (soil, waste, rain water) Waste pipes and fittings of the following outside diameter conforming to ISI No 13592/1992 to walls with nails, bobbins and wooden plugs including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification, testing etc all complete as per P.H specification and				
	110 mm dia PVC pipe	rmt	6	204.20	1,225.20
	75 mm dia PVC pipe	rmt	10	121.10	1,211.00
	110 mm P trap	nos	2	299.70	599.40
	110 mm dia U PVC Door Tee	nos	2	296.70	593.40
	110 mm dia U PVC plain bend	nos	2	147.00	294.00
	110 mm dia U PVC D/Jn with door	nos	2	296.70	593.40
	110 mm dia UPV vent cowl	nos	2	77.30	154.60
	75 mm dia PVC Door bend	nos	2	122.90	245.80
	125 mm CP Grating	nos	2	68.30	136.60
9	Supplying all materials, labour, T&P and cutting holes through existing brick/stone masonry walls for taking HCI/PVC pipes and fittings including making good the damages in cement mortar (1:4) etc. all complete as per P.H. specification and direction of E.I.C.				
		nos	2	160.20	320.40
10	Supplying all materials, labour, T&P and fixing water closet, squatting pan (Indian type W.C pan/Orissa pattern squatting pan) duly embedded in cement concrete (1:4:8) using 4cm size hard granite metal including fixing a pair of vitreous china 250mm x 130mm x30mm footrest etc all complete as per specification and direction of the E.I.C.				
		nos	2	2,717.50	5,435.00
11	Providing fitting and fixing of flushing cistern concealed type with coverplate 40 mm size				
		nos	2	2,790.00	5,580.00

Sl No	Description of items	Unit	Quantity	Rate	Amount
12	Supplying all materials, labour, T&P and fixing wash hand basin with hole for pillar tap with C.I./M.S brackets painted white including holes in walls and making good the damages etc all complete as per specification and direction of the E.I.C. 550mmx400mm size wash hand basin				
		nos	1	2,225.00	2,225.00
13	Supplying all materials, labour, T&P and fixing C.P/Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	210.90	210.90
14	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction of the E.I.C. P.V.C waste pipe 32mm dia with length not less than	nos	1	104.00	104.00
15	Supplying all materials, labour, T&P and fixing 15 mm dia P.V.C connection pipe of the following nominal diameter and making connection with Pillar cock and supply main for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	84.10	84.10
16	Providing fitting & fixing of 15 mm nominal bore bob cock for wash basin with popup wastew system of approve quality	nos	1	600.00	600.00
17	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.				
	600mm x 450mm B.E glass mirror	nos	1	681.90	681.90
18	Supplying all materials,labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	1	996.80	996.80

Sl No	Description of items	Unit	Quantity	Rate	Amount
19	Supplying all materials,labour, T&P and fixing standard sized CP Soap holder complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	2	262.40	524.80
20	Supplying all materials,labour, T&P and fixing standard sized unforeseen items like Pipes etc or any other PH materials		LS	5,712.00	5,712.00
	<b>PH Sub Total</b>				<b>31,838.00</b>
	<b>Grand Total</b>				<b>619,129.62</b>

**TO BE FILLED BY THE TENDERER**

1) My/Our quoted rate is (both in figure and words)

	In figure	In Words
Equal to estimated cost	%	
Excess in percentage	%	
Less in Percentage	%	

**Notes**

- 1)The tenderer should quote the decimal upto one decimal point only.
- 2)The tenderer should go through the special condition in DTCN for percentage rate
- 3)The tenderer should go quote their percentage inside the space provided.
- 4)The percentage quoted at any other place will not be taken into consideration.

**OFFICE USE ONLY**

Construction of HWC at SC Building Kodomeri in the district of Nuapada for the year 2019-20

Sold for the above work on payment of

Rs.....only per set vide money receipt no

.....Book No.....Dt.....

EMD Rs.....in Shape of

Registration Certificate furnished or not furnished

STCC(GSTIN)furnished /not furnished

ITCC(PAN CARD)furnished /not furnished

No of Correction

No of Overwriting

No of Interpolation

**Signature of Tenderer with Seal**

## **BILL OF QUANTITY**

**Tender Schedule for the work :Construction of HWC at Subcenter building Badi  
in the District of Nuapada for the year 2019-20**

<b>Amount put to Tender</b>	<b>618848</b>
<b>Class of Contractor</b>	<b>"D" &amp; "C" Class only</b>
<b>EMD @ 1%</b>	<b>6188.00</b>
<b>Time required for completion</b>	<b>2 (Two) Calender Months</b>

SI No	Description of items	Unit	Quantity	Rate	Amount
1	Earth work in excavation of foundation in hard soil within initial lead and lift including rough dressing and levelling the bed etc.all complete as per direction of the EIC.	Cum	40.17	178.60	7174.91
2	Filling foundation. & plinth with well graded sand including watering and ramming etc.all complete as per direction of the EIC.	Cum	41.40	345.37	14298.80
3	Providing Cement Concrete( 1:3:6) using 40 mm size hard granite crusher broken metal including all cost, conveyance, royalty etc all complete as per direction of the EIC.	Cum	10.13	3916.75	39677.13
4	Providing Fly ash brick masonry in (1:6) C.M. in foundation & plinth including all cost, conveyance, royalty etc all complete as per direction of the EIC.	Cum	8.71	3696.32	32184.52
5	Providing Fly ash brick masonry in C.M.(1:6) in superstructure including all cost, convey, royalty etc all complete as per direction of the EIC.	Cum	17.81795	3729.65	66454.72
6	Providing R.C.C. in C.C. (1:1.5:3) using 12mm size hard granite crusher broken chips including centering, shuttering incl. all cost, conveyance, royalty etc all complete as per direction of the EIC.				
	(a) Column base	Cum	5.36	5849.66	31376.95
	b)Plinth band	Cum	2.38	6192.28	14745.97
	(c) Column & beam	Cum	1.76	12488.22	21927.67
	(d) Lintel	Cum	1.22	9220.46	11295.01
	e) Wall beam	Cum	2.03	12488.22	25394.68
	(f) Chhaja	Cum	5.30	815.24	4318.65
	(g) Roof Slab	Cum	6.81	9744.22	66353.69

SI No	Description of items	Unit	Quantity	Rate	Amount
7	Supplying fitting & fixing M.S.reinforcement including labour charges, cost of rod, T.C. of rod & cost of binding wire etc.all complete as per direction of the EIC.	Qtl	19.89	5415.14	107707.13
8	Providing 12 mm thick cement plaster in C.M. (1:6) incl all cost, conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	72.44	128.09	9279.28
9	Providing 16 mm thick cement plaster in C.M. (1:6) incl all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	69.46	183.34	12735.38
10	Supplying, fitting, fixing M.S. grill and grill door incl. all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Kg	352	70.20	24710.40
11	Painting two coats over one coat of priming of approved shade incl cost of paint, primer & labour etc.all complete as per direction of the EIC.	Sqm	21.75	133.10	2894.54
12	Fixing Vitrified tiles in floor & dados skirting and rises of steps on 12mm thick bed of cement mortar ( 1 : 1 ) joined with neat cement slury mixed with pigment to match the shades of the tiles including cost of tiles & rubbing and polishing etc.complete.	Sqm	54.19	1270.11	68827.26
14	Finishing wall with two coats with weather of approved shade including all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	69.46	66.71	4633.99
15	Distemping two coats with distemper of approved shade incl all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	72.44	63.67	4612.34
16	Supplying fitting and fixing of False ceeling with Gypsum Board	Sqm	0.00	752.59	0.00
	<b>Civil Sub Total</b>			<b>Total</b>	<b>570617.34</b>
	<b>Electrical Works</b>				

SI No	Description of items	Unit	Quantity	Rate	Amount
1	Recessed wiring to light point/ fan piont with 1.5 sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non metallic PVC flexible conduit with 5 amp, 250 V paino type swith ISI marked and ceiling rose ISI marked mounted of MS box having a front bakelite cover of suitable size, MS box with 1.5 sqmm FR PVC insulated single core multistrand copper conducture as earth wire including all assories and connection as direction of Engineer in charge( Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL)				
	Light Point	point	4	403.88	1,615.52
	Fan Point	point	2	615.77	1,231.54
2	Supplying and fixing of 5 amp plug with switch on exisiting board ( Piano type/cover including connection etc as required)	point	3	83.14	249.42
3	Recessed wiring to Submain in the following sqmm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS 694/1990 with the following mm dia non metallic heavy duty flexible conduit 1.6 mm thick along the following sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required ( Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL) as direction of Engineer in charge.				
	2x 2.5 sq mm+ 1x 1.5 sq mm	m	47	134.06	6,300.82
	s/f of 40 amp DP MCB as per direction of Engineer in charge	each	1	1,074.43	1,074.43
4	Supplying installation testing and commissioning following fan A.C ceiling fan 48 " size ( Make in USHA striker/ Orient) as per direction of Engineer in charge	each	2	1,783.15	3,566.30
5	Supplying fixing electronic type fan regulator ( Make cona/ anchor/ USHA/ Bajaj) as per direction of Engineer in charge	each	2	210.00	420.00
6	Supplying and fixing of led bulb 18 watt/ 20 watt( make bajaj/ phillips/ anchor/ havells/ orient) as per direction of Engineer in charge	each	5	200.00	1,000.00

SI No	Description of items	Unit	Quantity	Rate	Amount
7	Earthing with GI earth pipe 3 mt long incl. accessories and providing mesonary with cover plate having locking arrangement and watering pipe with charcoal and salt as required.	each	1	2,850.24	2,850.24
8	Supplying & laying 6 SWG G.I wire in recess for loop earthing as required	mt	6	47.68	286.08
9	S/F of 5 to 32 AMP rating 240 Volt "B" series MCB for lighting and other loads in the existing MCB distribution board ISI marked complete with Connection testing and commissioning etc as required.	each	4	127.56	510.24
10	4 way Single pole and neutral sheet steel MCB 250 V unreset tin copper bar , neutral bar,earth bar, detaching gland plate internal connection and powder coating incl. earthing etc as required(with out MCB)4 way 2 single door	each	1	848.90	848.90
11	Supplying instalation & commissioning of 32 AMP IDCP main switches (IS 13940 part 3/1993) onexisting surface complete with H.R.C fuse links, interconnections earthing etc as required as per direction of Engineer in charge (make slemens/HPL/ Anchor/L & T /C & S/R.K/hevels) etc	each	1	851.58	851.58
12	Supplying of 200 mm x 250 mm x 25 mm deep for fixing for 32 AMP IDCP main switch	each	1	206.75	206.75
13	S/F to 16/18 SWG metal box of following sizes in resses of swetable size of phenolic laminated sheet cover in front including cutting the wall and making good the same in case of recessed conduit as required 200mm x 250 mm x 75 mm deep(1.24.9)	each	5	206.75	1,033.75
<b>Electrical Sub Total</b>					<b>22,045.57</b>
<b>PH Work</b>					
1	Supplying all materials, labour, T&P and fixing C.P/Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.				
	32 mm dia C.P/Brass waste	nos	1	210.90	210.90

SI No	Description of items	Unit	Quantity	Rate	Amount
2	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction of the E.I.C.				
	P.V.C waste pipe 32mm dia with length not less than 700 mm	nos	1	104.00	104.00
3	Supplying all materials, labour ,T&P and laying in trenches PVC) conforming to ASTM-D-1785/1989(Sch-80) of the following nominal bore and pipe fittings including testing etc all complete as per direction of the E.I.C.				
	20mm dia PVC Pipe(External)	m	6	58.60	351.60
4	Providing and fixing to wall or ceiling and floor PVC pipes conforming to ASTM-D-1785/1989(Sch-80) and pipe fittings of the following nominal bore and pipe fittings with clamps including making good the ceiling and floor testing etc all complete as per direction of the E.I.C.				
	20mm dia PVC Pipe(Internal)	m	5	109.50	547.50
5	Supplying all materials, labour, T&P for providing fitting and fixing of brass/C.P fittings of the following nominal bore with supply of all jointing materialsetc. all completed as per approved specification and direction of E.I.C				
	20 mm C.P stop cock	nos	1	794.70	794.70
	15 mm dia C.P Bib cock (Long Nose Elbow Action)	nos	1	820.40	820.40
	15 mm C.P Extension piece 50 mm long	nos	1	58.70	58.70
6	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.				
	600mm x 450mm B.E glass mirror	nos	1	681.90	681.90

SI No	Description of items	Unit	Quantity	Rate	Amount
7	Supplying all materials,labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C				
	20mm x 450mm long C.P towel Rail	nos	1	798.80	798.80
8	Supplying all materials, labour, T&P and fitting and fixing on wall face U-PVC SWR (soil, waste, rain water) Waste pipes and fittings of the following outside diameter conforming to ISI No 13592/1992 to walls with nails, bobbins and wooden plugs including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification, testing etc all complete as per P.H specification and direction of the E.I.C.				
	110 mm dia PVC pipe	rmt	6	204.20	1,225.20
	75 mm dia PVC pipe	rmt	10	121.10	1,211.00
	110 mm P trap	nos	2	299.70	599.40
	110 mm dia U PVC DoorTee	nos	2	296.70	593.40
	110 mm dia U PVC plain bend	nos	2	147.00	294.00
	110 mm dia U PVC D/Jn with door	nos	2	296.70	593.40
	110 mm dia UPV vent cowl	nos	2	77.30	154.60
	75 mm dia PVC Door bend	nos	2	122.90	245.80
	125 mm CP Grating	nos	2	68.30	136.60
10	Supplying all materials, labour, T&P and cutting holes through existing brick/stone masonry walls for taking HCl/PVC pipes and fittings including making good the damages in cement mortar (1:4) etc. all complete as per P.H. specification and direction of E.I.C.	nos	2	160.20	320.40
11	Supplying all materials, labour, T&P and fixing water closet, squatting pan (Indian type W.C pan/Orissa pattern squatting pan) duly embedded in cement concrete (1:4:8) using 4cm size hard granite metal including fixing a pair of vitreous china 250mm x 130mm x30mm footrest etc all complete as per specification and direction of the E.I.C.	nos	2	2,717.50	5,435.00
	Providing fitting and fixing of flushing cistern concealed type with coverplate 40 mm size	nos	2	2,790.00	5,580.00

SI No	Description of items	Unit	Quantity	Rate	Amount
12	Supplying all materials, labour, T&P and fixing wash hand basin with hole for pillar tap with C.I./M.S brackets painted white including holes in walls and making good the damages etc all complete as per specification and direction of the E.I.C. 550mmx400mm size wash hand basin	nos	1	2,225.00	2,225.00
15	Supplying all materials, labour, T&P and fixing C.P./Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	210.90	210.90
13	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction of the E.I.C. P.V.C waste pipe 32mm dia with length not less than 700 mm	nos	1	104.00	104.00
14	Supplying all materials, labour, T&P and fixing 15 mm dia P.V.C connection pipe of the following nominal diameter and making connection with Pillar cock and supply main for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	84.10	84.10
15	Providing fitting & fixing of 15 mm nominal bore bob cock for wash basin with popup wastew system of approve quality	nos	1	600.00	600.00
16	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.				
	600mm x 450mm B.E glass mirror	nos	1	681.90	681.90
17	Supplying all materials,labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	1	996.80	996.80

SI No	Description of items	Unit	Quantity	Rate	Amount
18	Supplying all materials,labour, T&P and fixing standard sized CP Soap holder complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	2	262.40	524.80
<b>PH Sub Total</b>					<b>26,184.80</b>
<b>Grand Total</b>					<b>618,848.00</b>

**TO BE FILLED BY THE TENDERER**

1) My/Our quoted rate is (both in figure and words)

	In figure	In Words
Equal to estimated cost	%	
Excess in percentage	%	
Less in Percentage	%	

**Notes**

- 1)The tenderer should quote the decimal upto one decimal point only.
- 2)The tenderer should go through the special condition in DTCN for percentage rate
- 3)The tenderer should go quote their percentage inside the space provided.
- 4)The percentage quoted at any other place will not be taken into consideration.

**OFFICE USE ONLY**

Construction of HWC at SC Building Amsena in the district of Nuapada for the year 2019-20

Sold for the above work on payment of

RS.....only per set vide money receipt

no .....Book No.....Dt.....

EMD Rs.....in Shape of

Registration Certificate furnished or not furnished

STCC(GSTIN)furnished /not furnished

ITCC(PAN CARD)furnished /not furnished

No of Correction

No of Overwriting

No of Interpolation

**Signature of Tenderer with Seal**

## **BILL OF QUANTITY**

### **Tender Schedule for the work :Construction of HWC at Subcenter building Khudpej in the District of Nuapada for the year 2019-20**

**Amount put to Tender**

**618830**

**Class of Contractor**

**"D" & "C" Class only**

**EMD @ 1%**

**6188.00**

**Time required for completion**

**2 (Two) Calender Months**

Sl No	Description of items	Unit	Quantity	Rate	Amount
1	Earth work in excavation of foundation in hard soil within initial lead and lift including rough dressing and levelling the bed etc.all complete as per direction of the EIC.	Cum	40.17	178.60	7174.91
2	Filling foundation. & plinth with well graded sand including watering and ramming etc.all complete as per direction of the EIC.	Cum	41.40	283.15	11722.81
3	Providing Cement Concrete( 1:3:6) using 40 mm size hard granite crusher broken metal including all cost, conveyance, royalty etc all complete as per direction of the EIC.	Cum	10.13	3949.50	40008.89
4	Providing Fly ash brick masonry in (1:6) C.M. in foundation & plinth including all cost, conveyance, royalty etc all complete as per direction of the EIC.	Cum	11.42	3720.68	42490.17
5	Providing Fly ash brick masonry in C.M.(1:6) in superstructure including all cost, convey, royalty etc all complete as per direction of the EIC.	Cum	17.81795	3754.01	66888.76
6	Providing R.C.C. in C.C. (1:1.5:3) using 12mm size hard granite crusher broken chips including centering, shuttering incl. all cost, conveyance, royalty etc all complete as per direction of the EIC.				
	(a) Column base	Cum	5.95	5891.05	35051.75
	b)Plinth band	Cum	2.38	6233.67	14844.54
	(c) Column & beam	Cum	1.76	12529.61	22000.35
	(d) Lintel	Cum	1.22	9261.85	11345.71
	e) Wall beam	Cum	2.03	12529.61	25478.84
	(f) Chhaja	Cum	5.30	817.93	4332.90
	(g) Roof Slab	Cum	6.81	9785.81	66636.90

Sl No	Description of items	Unit	Quantity	Rate	Amount
7	Supplying fitting & fixing M.S.reinforcement including labour charges, cost of rod, T.C. of rod & cost of binding wire etc.all complete as per direction of the EIC.	Otl	20.36	5419.13	110333.49
8	Providing 12 mm thick cement plaster in C.M. (1:6) incl all cost, conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	72.44	127.33	9224.22
9	Providing 16 mm thick cement plaster in C.M. (1:6) incl all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	69.48	182.44	12675.93
10	Supplying, fitting, fixing M.S. grill and grill door incl. all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Kg	324	70.20	22744.80
11	Painting two coats over one coat of priming of approved shade incl cost of paint, primer & labour etc.all complete as per direction of the EIC.	Sqm	21.75	133.10	2894.54
12	Fixing Vitrified tiles in floor & dados skirting and rises of steps on 12mm thick bed of cement mortar ( 1 : 1 ) joined with neat cement slury mixed with pigment to match the shades of the tiles including cost of tiles & rubbing and polishing etc.complete.	Sqm	42.93	1271.20	54572.62
13	Fixing Ceramic tiles in dados skirting and rises of steps on 12mm thick bed of cement mortar ( 1 : 1 ) joined with neat cement slury mixed with pigment to match the shades of the tiles including cost of tiles & rubbing and polishing etc.complete.	Sqm	0.00	992.43	0.00
14	Finishing wall with two coats with weather of approved shade including all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	69.46	66.71	4633.99
15	Distempering two coats with distemper of approved shade incl all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	72.44	63.67	4612.34
	<b>Civil Sub Total</b>				<b>569661.50</b>

Sl No	Description of items	Unit	Quantity	Rate	Amount
	<b>Electricals Work</b>				
1	Recessed wiring to light point/ fan point with 1.5 sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non metallic PVC flexible conduit with 5 amp, 250 V piano type switch ISI marked and ceiling rose ISI marked mounted on MS box having a front bakelite cover of suitable size, MS box with 1.5 sqmm FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection as per direction of Engineer in charge (Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL)				
	Light Point	point	4	403.88	1,615.52
	Fan Point	point	2	615.77	1,231.54
2	Supplying and fixing of 5 amp plug with switch on existing board (Piano type/cover including connection etc as required)	point	3	83.14	249.42
3	Recessed wiring to Submain in the following sqmm FR PVC insulated single core multistrand copper conductor of ISI marked conforming to IS 694/1990 with the following mm dia non metallic heavy duty flexible conduit 1.6 mm thick along the following sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required (Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL) as per direction of Engineer in charge.				
	2x 2.5 sq mm+ 1x 1.5 sq mm	m	54	134.06	7,239.24
	s/f of 40 amp DP MCB as per direction of Engineer in charge	each	1	1,074.43	1,074.43
4	Supplying installation testing and commissioning following fan A.C ceiling fan 48 " size (Make in USHA striker/ Orient) as per direction of Engineer in charge	each	2	1,783.15	3,566.30

Sl No	Description of items	Unit	Quantity	Rate	Amount
5	Supplying fixing electronic type fan regulator ( Make cona/ anchor/ USHA/ Bajaj) as per direction of Engineer in charge	each	2	210.00	420.00
6	Supplying and fixing of led bulb 18 watt/ 20 watt( make bajaj/ phillips/ anchor/ havel/ orient) as per direction of Engineer in charge	each	5	200.00	1,000.00
7	Earthing with GI earth pipe 3 mt long incl. accessories and providing mesonary with cover plate having locking arrangement and watering pipe with charcoal and salt as required.	each	1	2,850.24	2,850.24
8	Supplying & laying 6 SWG G.I wire in recess for loop earthing as required	mt	6	47.68	286.08
9	S/F of 5 to 32 AMP rating 240 Volt "B" series MCB for lighting and other loads in the existing MCB distribution board ISI marked complete with Connection testing and commissioning etc as required.	each	4	127.56	510.24
10	4 way Single pole and neutral sheet steel MCB 250 V unresesst tin copper bar , neutral bar,earth bar, detaching gland plate internal connection and powder coating incl. earthing etc as required(with out MCB)4 way 2 single door	each	1	848.90	848.90
11	Supplying instalation & commissioning of 32 AMP IDCP main switchs (IS 13940 part 3/1993) onexisting surface complete with H.R.C fuse links, interconnections earthing etc as required as per direction of Engineer in charge (make slemens/HPL/ Anchor/L & T /C & S/R.K/hevels) etc	each	1	851.58	851.58
12	Supplying of 200 mm x 250 mm x 25 mm deep for fixing for 32 AMP IDCP main switch	each	1	206.75	206.75
13	S/F to 16/18 SWG metal box of following sizes in resses of swetable size of phenolic laminated sheet cover in front including cutting the wall and making good the same in case of recessed conduit as required 200mm x 250 mm x 75 mm deep(1.24.9)	each	5	206.75	1,033.75
	<b>Electri Sub Total</b>				<b>22,983.99</b>

Sl No	Description of items	Unit	Quantity	Rate	Amount
	<b>PH Work</b>				
1	Supplying all materials, labour, T&P and fixing C.P/Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.				
	32 mm dia C.P/Brass waste	nos	1	210.90	210.90
2	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction				
	P.V.C waste pipe 32mm dia with length not less than 700 mm	nos	1	104.00	104.00
3	Supplying all materials, labour ,T&P and laying in trenches PVC) conforming to ASTM-D-1785/1989(Sch-80) of the following nominal bore and pipe fittings including testing etc all complete as per				
	20mm dia PVC Pipe(External)	m	6	58.60	351.60
4	Providing and fixing to wall or ceiling and floor PVC pipes conforming to ASTM-D-1785/1989(Sch-80) and pipe fittings of the following nominal bore and pipe fittings with clamps including making good the ceiling and floor testing etc all complete as per direction of the E.I.C.				
	20mm dia PVC Pipe(Internal)	m	5	109.50	547.50
5	Supplying all materials, labour, T&P for providing fitting and fixing of brass/C.P fittings of the following nominal bore with supply of all jointing materialsetc. all completed as per approved specification and direction of E.I.C				
	20 mm C.P stop cock	nos	1	794.70	794.70
	15 mm dia C.P Bib cock (Long Nose Elbow Action)	nos	1	820.40	820.40
	15 mm C.P Extension piece 50 mm long	nos	1	58.70	58.70
6	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.				
	600mm x 450mm B.E glass mirror	nos	1	681.90	681.90

Sl No	Description of items	Unit	Quantity	Rate	Amount
7	Supplying all materials,labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C				
	20mm x 450mm long C.P towel Rail	nos	1	798.80	798.80
8	Supplying all materials, labour, T&P and fitting and fixing on wall face U-PVC SWR (soil, waste, rain water) Waste pipes and fittings of the following outside diameter conforming to ISI No 13592/1992 to walls with nails, bobbins and wooden plugs including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification, testing etc all complete as per P.H specification and direction of the E.I.C.				
	110 mm dia PVC pipe	rmt	6	204.20	1,225.20
	75 mm dia PVC pipe	rmt	10	121.10	1,211.00
	110 mm P trap	nos	2	299.70	599.40
	110 mm dia U PVC Door Tee	nos	2	296.70	593.40
	110 mm dia U PVC plain bend	nos	2	147.00	294.00
	110 mm dia U PVC D/Jn with door	nos	2	296.70	593.40
	110 mm dia UPV vent cowl	nos	2	77.30	154.60
	75 mm dia PVC Door bend	nos	2	122.90	245.80
	125 mm CP Grating	nos	2	68.30	136.60
9	Supplying all materials, labour, T&P and cutting holes through existing brick/stone masonry walls for taking HCl/PVC pipes and fittings including making good the damages in cement mortar (1:4) etc. all complete as per P.H. specification and direction of E.I.C.	nos	2	160.20	320.40
10	Supplying all materials, labour, T&P and fixing water closet, squatting pan (Indian type W.C pan/Orissa pattern squatting pan) duly embedded in cement concrete (1:4:8) using 4cm size hard granite metal including fixing a pair of vitreous china 250mm x 130mm x30mm footrest etc all complete as per specification and direction of the E.I.C.	nos	2	2,717.50	5,435.00

Sl No	Description of items	Unit	Quantity	Rate	Amount
11	Providing fitting and fixing of flushing cistern concealed type with coverplate 40 mm size	nos	2	2,790.00	5,580.00
12	Supplying all materials, labour, T&P and fixing wash hand basin with hole for pillar tap with C.I./M.S brackets painted white including holes in walls and making good the damages etc all complete as per specification and direction of the E.I.C. 550mmx400mm size wash hand basin	nos	1	2,225.00	2,225.00
13	Supplying all materials, labour, T&P and fixing C.P/Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	210.90	210.90
14	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction of the E.I.C. P.V.C waste pipe 32mm dia with length not less than 700 mm	nos	1	104.00	104.00
15	Supplying all materials, labour, T&P and fixing 15 mm dia P.V.C connection pipe of the following nominal diameter and making connection with Pillar cock and supply main for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	84.10	84.10
16	Providing fitting & fixing of 15 mm nominal bore bob cock for wash basin with popup wastew system of approve quality	nos	1	600.00	600.00
17	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.				
	600mm x 450mm B.E glass mirror	nos	1	681.90	681.90

Sl No	Description of items	Unit	Quantity	Rate	Amount
18	Supplying all materials,labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	1	996.80	996.80
19	Supplying all materials,labour, T&P and fixing standard sized CP Soap holder complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	2	262.40	524.80
<b>PH Sub Total</b>					<b>26,184.80</b>
<b>Grand Total</b>					<b>618,830.29</b>

**TO BE FILLED BY THE TENDERER**

1) My/Our quoted rate is (both in figure and words)

	In figure	In Words
Equal to estimated cost	%	
Excess in percentage	%	
Less in Percentage	%	

**Notes**

- 1)The tenderer should quote the decimal upto one decimal point only.
- 2)The tenderer should go through the special condition in DTCN for percentage rate
- 3)The tenderer should go quote their percentage inside the space provided.
- 4)The percentage quoted at any other place will not be taken into consideration.

**OFFICE USE ONLY**

Construction of HWC at SC Building Khudpej in the district of Nuapada for the year 2019-20

Sold for the above work on payment of

₹ .....

EMD Rs.....in Shape of

Registration Certificate furnished or not furnished

STCC(GSTIN)furnished /not furnished

ITCC(PAN CARD)furnished /not furnished

No of Correction

No of Overwriting

No of Interpolation

**Signature of Tenderer with Seal**

## **BILL OF QUANTITY**

**Tender Schedule for the work :Construction of HWC at Subcenter building  
Bargaon in the District of Nuapada for the year 2019-20**

<b>Amount put to Tender</b>	<b>618859.86</b>
<b>Class of Contractor</b>	<b>"D" &amp; "C" Class only</b>
<b>EMD @ 1%</b>	<b>6188.60</b>
<b>Time required for completion</b>	<b>2 (Two) Calender Months</b>

SI No	Description of items	Unit	Quantity	Rate	Amount
1	Earth work in excavation of foundation in hard soil within initial lead and lift including rough dressing and levelling the bed etc.all complete as per direction of the EIC.	Cum	2.29	178.60	409.69
2	Filling foundation. & plinth with well graded sand including watering and ramming etc.all complete as per direction of the EIC.	Cum	0.38	345.37	132.04
3	Providing Cement Concrete( 1:3:6) using 40 mm size hard granite crusher broken metal including all cost, conveyance, royalty etc all complete as per direction of the EIC.	Cum	0.38	3916.75	1497.45
4	Providing Fly ash brick masonry in C.M.(1:6) in superstructure including all cost, convey, royalty etc all complete as per direction of the EIC.	Cum	17.81795	3729.65	66454.72
5	Providing R.C.C. in C.C. (1:1.5:3) using 12mm size hard granite crusher broken chips including centering, shuttering incl. all cost, conveyance, royalty etc all complete as per direction of the EIC.				
	(a) Column base	Cum	0.66	5849.66	3882.71
	(b) Column & beam	Cum	2.19	12488.22	27287.77
	(c) Lintel	Cum	1.22	9220.46	11295.01
	d) Wall beam	Cum	2.90	12488.22	36185.41
	(e) Chhaja	Cum	5.30	815.24	4320.77
	(f) Roof Slab	Cum	8.52	9744.22	83067.09

Sl No	Description of items	Unit	Quantity	Rate	Amount
6	Supplying fitting & fixing M.S.reinforcement including labour charges, cost of rod, T.C. of rod & cost of binding wire etc.all complete as per direction of the EIC.	Qtl	17.26	5415.14	93457.95
7	Providing 12 mm thick cement plaster in C.M. (1:6) incl all cost, conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	72.44	128.09	9279.28
8	Providing 16 mm thick cement plaster in C.M. (1:6) incl all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	69.46	183.34	12735.38
9	Supplying, fitting, fixing M.S. grill and grill door incl. all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Kg	376	70.20	26395.20
10	Fixing Vitrified tiles in floor & dados skirting and rises of steps on 12mm thick bed of cement mortar ( 1 : 1 ) joined with neat cement slury mixed with pigment to match the shades of the tiles including cost of tiles & rubbing and polishing etc.complete.	Sqm	37.69	1270.11	47871.70
11	Providing fitting & fixing of Ceramic tiles in floor area including all costs.	Sqm	73.56	997.66	73387.87
12	Painting two coats over one coat of priming of approved shade incl cost of paint, primer & labour etc.all complete as per direction of the EIC.	Sqm	21.75	133.10	2894.54
13	Finishing wall with two coats with weather of approved shade including all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	69.46	66.71	4633.99
14	Distempering two coats with distemper of approved shade incl all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	72.44	63.67	4612.34

SI No	Description of items	Unit	Quantity	Rate	Amount
15	Providing fitting and fixing of false ceiling with aluminium anodised T section no. 3215 with 2' - 0" center to center, L section no. 1705 upto 15 micron on 4 walls to be fixed by means of steel screw and PVC plug and the aluminium grid 2' - 0" x 2' - 0" with card board suspended from ceiling including cost of all materials, taxes, labour, T&P, cess, and hire charges of drilling machine, labour charges etc. complete in all respect as per specification and direction of the Engineer-in-charge	Sqm	31.59	752.59	23771.31
16	Steel Railling incl. all cost.	Rft	55	650	35750
<b>Civil Sub Total</b>					<b>569318.87</b>
1	Recessed wiring to light point/ fan piont with 1.5 sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non metallic PVC flexible conduit with 5 amp, 250 V paino type swith ISI marked and ceiling rose ISI marked mounted of MS box having a front bakelite cover of suitable size, MS box with 1.5 sqmm FR PVC insulated single core multistrand copper conducture as earth wire including all assories and connection as direction of Engineer in charge( Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL)				
	Light Point	point	4	403.88	1,615.52
	Fan Point	point	2	615.77	1,231.54
2	Supplying and fixing of 5 amp plug with switch on exisiting board ( Piano type/cover including connection etc as required)	point	3	83.14	249.42

SI No	Description of items	Unit	Quantity	Rate	Amount
3	Recessed wiring to Submain in the following sqmm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS 694/1990 with the following mm dia non metallic heavy duty flexible conduit 1.6 mm thick along the following sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required ( Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL) as direction of Engineer in charge.				
	2x 2.5 sq mm+ 1x 1.5 sq mm	m	57	134.06	7,641.42
	s/f of 40 amp DP MCB as per direction of En	each	1	1,074.43	1,074.43
4	Supplying installation testing and commissioning following fan A.C ceiling fan 48 " size ( Make in USHA striker/ Orient) as per direction of Engineer in charge	each	2	1,783.15	3,566.30
5	Supplying fixing electronic type fan regulator ( Make cona/ anchor/ USHA/ Bajaj) as per direction of Engineer in charge	each	2	210.00	420.00
6	Supplying and fixing of led bulb 18 watt/ 20 watt( make bajaj/ phillips/ anchor/ havels/ orient) as per direction of Engineer in charge	each	5	200.00	1,000.00
7	Earthing with GI earth pipe 3 mt long incl. accessories and providing mesonary with cover plate having locking arrangement and watering pipe with charcoal and salt as required.	each	1	2,850.24	2,850.24
8	Supplying & laying 6 SWG G.I wire in recess for loop earthing as required	mt	6	47.68	286.08
9	S/F of 5 to 32 AMP rating 240 Volt "B" series MCB for lighting and other loads in the existing MCB distribution board ISI marked complete with Connection testing and commissioning etc as required.	each	4	127.56	510.24
10	4 way Single pole and neutral sheet steel MCB 250 V unresesst tin copper bar , neutral bar,earth bar, detaching gland plate internal connection and powder coating incl. earthing etc as required(with out MCB)4 way 2 single door	each	1	848.90	848.90

SI No	Description of items	Unit	Quantity	Rate	Amount
11	Supplying instalation & commissioning of 32 AMP IDCP main switchs (IS 13940 part 3/1993) onexisting surface complete with H.R.C fuse links, interconnections earthing etc as required as per direction of Engineer in charge (make slemens/HPL/ Anchor/L & T /C & S/R.K/hevels) etc	each	1	851.58	851.58
12	Supplying of 200 mm x 250 mm x 25 mm deep for fixing for 32 AMP IDCP main switch	each	1	206.75	206.75
13	S/F to 16/18 SWG metal box of following sizes in resses of swetable size of phenolic laminated sheet cover in front including cutting the wall and making good the same in case of recessed conduit as required 200mm x 250 mm x 75 mm deep(1.24.9)	each	5	206.75	1,033.75
	Electrical Sub Total				23,386.17
	PH Works				
1	Supplying all materials, labour, T&P and fixing C.P/Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.				
	32 mm dia C.P/Brass waste	nos	1	210.90	210.90
2	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction of the E.I.C.				
	P.V.C waste pipe 32mm dia with length not less than 700 mm	nos	1	104.00	104.00
3	Supplying all materials, labour ,T&P and laying in trenches PVC) conforming to ASTM-D-1785/1989(Sch-80) of the following nominal bore and pipe fittings including testing etc all complete as per direction of the E.I.C.				
	20mm dia PVC Pipe(External)	m	6	58.60	351.60

SI No	Description of items	Unit	Quantity	Rate	Amount
4	Providing and fixing to wall or ceiling and floor PVC pipes conforming to ASTM-D-1785/1989(Sch-80) and pipe fittings of the following nominal bore and pipe fittings with clamps including making good the ceiling and floor testing etc all complete as per direction of the E.I.C.				
	20mm dia PVC Pipe(Internal)	m	5	109.50	547.50
5	Supplying all materials, labour, T&P for providing fitting and fixing of brass/C.P fittings of the following nominal bore with supply of all jointing materialsetc. all completed as per approved specification and direction of E.I.C				
	20 mm C.P stop cock	nos	1	794.70	794.70
	15 mm dia C.P Bib cock (Long Nose Elbow Action)	nos	1	820.40	820.40
	15 mm C.P Extension piece 50 mm long	nos	1	58.70	58.70
6	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.				
	600mm x 450mm B.E glass mirror	nos	1	681.90	681.90
7	Supplying all materials,labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C				
	20mm x 450mm long C.P towel Rail	nos	1	798.80	798.80

SI No	Description of items	Unit	Quantity	Rate	Amount
8	Supplying all materials, labour, T&P and fitting and fixing on wall face U-PVC SWR (soil, waste, rain water) Waste pipes and fittings of the following outside diameter conforming to ISI No 13592/1992 to walls with nails, bobbins and wooden plugs including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification, testing etc all complete as per P.H specification and direction of the E.I.C.				
	110 mm dia PVC pipe	rmt	6	204.20	1,225.20
	75 mm dia PVC pipe	rmt	10	121.10	1,211.00
	110 mm P trap	nos	2	299.70	599.40
	110 mm dia U PVC DoorTee	nos	2	296.70	593.40
	110 mm dia U PVC plain bend	nos	2	147.00	294.00
	110 mm dia U PVC D/Jn with door	nos	2	296.70	593.40
	110 mm dia UPV vent cowl	nos	2	77.30	154.60
	75 mm dia PVC Door bend	nos	2	122.90	245.80
	125 mm CP Grating	nos	2	68.30	136.60
12	Supplying all materials, labour, T&P and cutting holes through existing brick/stone masonry walls for taking HCI/PVC pipes and fittings including making good the damages in cement mortar (1:4) etc. all complete as per P.H. specification and direction of E.I.C.	nos	2	160.20	320.40
13	Supplying all materials, labour, T&P and fixing water closet, squatting pan (Indian type W.C pan/Orissa pattern squatting pan) duly embedded in cement concrete (1:4:8) using 4cm size hard granite metal including fixing a pair of vitreous china 250mm x 130mm x30mm footrest etc all complete as per specification and direction of the E.I.C.	nos	2	2,717.50	5,435.00
14	Providing fitting and fixing of flushing cistern concealed type with coverplate 40 mm size	nos	2	2,790.00	5,580.00

SI No	Description of items	Unit	Quantity	Rate	Amount
15	Supplying all materials, labour, T&P and fixing wash hand basin with hole for pillar tap with C.I./M.S brackets painted white including holes in walls and making good the damages etc all complete as per specification and direction of the E.I.C. 550mmx400mm size wash hand basin	nos	1	2,225.00	2,225.00
16	Supplying all materials, labour, T&P and fixing C.P/Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	210.90	210.90
17	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction of the E.I.C. P.V.C waste pipe 32mm dia with length not less than 700 mm	nos	1	104.00	104.00
18	Supplying all materials, labour, T&P and fixing 15 mm dia P.V.C connection pipe of the following nominal diameter and making connection with Pillar cock and supply main for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	84.10	84.10
19	Providing fitting & fixing of 15 mm nominal bore bob cock for wash basin with popup wastew system of approve quality	nos	1	600.00	600.00
20	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.	nos	1	681.90	681.90
	600mm x 450mm B.E glass mirror				

SI No	Description of items	Unit	Quantity	Rate	Amount
21	Supplying all materials,labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	1	996.80	996.80
22	Supplying all materials,labour, T&P and fixing standard sized CP Soap holder complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	2	262.40	524.80
	PH Sub Total				26,184.80
	Grand Total				618,890.00

**TO BE FILLED BY THE TENDERER**

1) My/Our quoted rate is (both in figure and words)

	In figure	In Words
Equal to estimated cost	%	
Excess in percentage	%	
Less in Percentage	%	

**Notes**

- 1)The tenderer should quote the decimal upto one decimal point only.
- 2)The tenderer should go through the special condition in DTCN for percentage rate
- 3)The tenderer should go quote their percentage inside the space provided.
- 4)The percentage quoted at any other place will not be taken into consideration.

**OFFICE USE ONLY**

Construction of HWC at SC Building Bargaon in the district of Nuapada for the year 2019-20

Sold for the above work on payment of

RS.....only per set vide money receipt  
no .....Book No.....Dt.....

EMD Rs.....in Shape of

Registration Certificate furnished or not furnished

STCC(GSTIN)furnished /not furnished

ITCC(PAN CARD)furnished /not furnished

No of Correction

No of Overwriting

No of Interpolation

**Signature of Tenderer with Seal**

## BILL OF QUANTITY

**Tender Schedule for the work :Construction of HWC at Subcenter building  
Badamaheswar in the District of Nuapada for the year 2019-20**

<b>Amount put to Tender</b>	<b>618818</b>
<b>Class of Contractor</b>	<b>"D" &amp; "C" Class only</b>
<b>EMD @ 1%</b>	<b>6188.00</b>
<b>Time required for completion</b>	<b>2 (Two) Calender Months</b>

SI No	Description of items	Unit	Quantity	Rate	Amount
1	Earth work in excavation of foundation in hard soil within initial lead and lift including rough dressing and levelling the bed etc.all complete as per direction of the EIC.	Cum	40.17	178.60	7174.91
2	Filling foundation. & plinth with well graded sand including watering and ramming etc.all complete as per direction of the EIC.	Cum	41.40	283.15	11722.81
3	Providing Cement Concrete( 1:3:6) using 40 mm size hard granite crusher broken metal including all cost, conveyance, royalty etc all complete as per direction of the EIC.	Cum	10.13	3949.50	40008.89
4	Providing Fly ash brick masonry in (1:6) C.M. in foundation & plinth including all cost, conveyance, royalty etc all complete as per direction of the EIC.	Cum	8.71	3720.68	32396.63
5	Providing Fly ash brick masonry in C.M.(1:6) in superstructure including all cost, convey, royalty etc all complete as per direction of the EIC.	Cum	17.81795	3754.01	66888.76
6	Providing R.C.C. in C.C. (1:1.5:3) using 12mm size hard granite crusher broken chips including centering, shuttering incl. all cost, conveyance, royalty etc all complete as per direction of the EIC.				
	(a) Column base	Cum	5.36	5891.05	31598.96
	b)Plinth band	Cum	2.38	6233.67	14844.54
	(c) Column & beam	Cum	1.76	12529.61	22000.35
	(d) Lintel	Cum	1.22	9261.85	11345.71
	e) Wall beam	Cum	2.03	12529.61	25478.84
	(f) Chhaja	Cum	5.30	817.93	4332.90
	(g) Roof Slab	Cum	6.81	9785.61	66635.54

Sl No	Description of items	Unit	Quantity	Rate	Amount
7	Supplying fitting & fixing M.S.reinforcement including labour charges, cost of rod, T.C. of rod & cost of binding wire etc.all complete as per direction of the EIC.	Qtl	19.89	5419.13	107803.92
8	Providing 12 mm thick cement plaster in C.M. (1:6) incl all cost, conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	72.44	127.33	9224.22
9	Providing 16 mm thick cement plaster in C.M. (1:6) incl all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Sqm	69.46	182.44	12672.86
10	Supplying, fitting, fixing M.S. grill and grill door incl. all cost,conveyance, royalty of material, labour etc all complete as per direction of the EIC.	Kg	352	70.20	24710.40
11	Painting two coats over one coat of priming of approved shade incl cost of paint, primer & labour etc.all complete as per direction of the EIC.	Sqm	21.75	133.10	2894.54
12	Fixing Vitrified tiles in floor & dados skirting and rises of steps on 12mm thick bed of cement mortar ( 1 : 1 ) joined with neat cement slury mixed with pigment to match the shades of the tiles including cost of tiles & rubbing and polishing etc.complete.	Sqm	54.12	1271.20	68802.49
13	Fixing Ceramic tiles in dados skirting and rises of steps on 12mm thick bed of cement mortar ( 1 : 1 ) joined with neat cement slury mixed with pigment to match the shades of the tiles including cost of tiles & rubbing and polishing etc.complete.	Sqm	0.00	998.08	0.00
14	Finishing wall with two coats with weather of approved shade including all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	69.46	66.71	4633.99
15	Distempering two coats with distemper of approved shade incl all cost of material, labour etc. all complete as per direction of the EIC.	Sqm	72.44	63.67	4612.34
	<b>Civil Sub Total</b>				<b>569783.00</b>
	<b>Electrical</b>				

Sl No	Description of items	Unit	Quantity	Rate	Amount
1	Recessed wiring to light point/ fan point with 1.5 sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non metallic PVC flexible conduit with 5 amp, 250 V paino type swith ISI marked and ceiling rose ISI marked mounted of MS box having a front bakelite cover of suitable size, MS box with 1.5 sqmm FR PVC insulated single core multistrand copper conducture as earth wire including all assories and connection as direction of Engineer in charge( Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL)				
	Light Point	point	4	403.88	1,615.52
	Fan Point	point	2	615.77	1,231.54
2	Supplying and fixing of 5 amp plug with switch on exisiting board ( Piano type/cover including connection etc as required)	point	3	83.14	249.42
3	Recessed wiring to Submain in the following sqmm FR PVC insulated single core multistrand copper conductor of ISI marked confirming to IS 694/1990 with the following mm dia non metallic heavy duty flexible conduit 1.6 mm thick along the following sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required ( Make of wire Finolex/ L&T/ Anchor/Havells/V Guard/ HPL) as direction of Engineer in charge.				
	2x 2.5 sq mm+ 1x 1.5 sq mm	m	53	134.06	7,105.18
	s/f of 40 amp DP MCB as per direction of Engineer in charge	each	1	1,074.43	1,074.43
4	Supplying installation testing and commissioning following fan A.C ceiling fan 48 " size ( Make in USHA striker/ Orient) as per direction of Engineer in charge	each	2	1,783.15	3,566.30
5	Supplying fixing electronic type fan regulator ( Make cona/ anchor/ USHA/ Bajaj) as per direction of Engineer in charge	each	2	210.00	420.00
6	Supplying and fixing of led bulb 18 watt/ 20 watt( make bajaj/ phillips/ anchor/ havels/ orient) as per direction of Engineer in charge				
		each	5	200.00	1,000.00

SI No	Description of items	Unit	Quantity	Rate	Amount
7	Earthing with GI earth pipe 3 mt long incl. accessories and providing mesonary with cover plate having locking arrangement and watering pipe with charcoal and salt as required.	each	1	2,850.24	2,850.24
8	Supplying & laying 6 SWG G.I wire in recess for loop earthing as required	mt	6	47.68	286.08
9	S/F of 5 to 32 AMP rating 240 Volt "B" series MCB for lighting and other loads in the existing MCB distribution board ISI marked complete with Connection testing and commissioning etc as required.	each	4	127.56	510.24
10	4 way Single pole and neutral sheet steel MCB 250 V unreset tin copper bar , neutral bar,earth bar, detaching gland plate internal connection and powder coating incl. earthing etc as required(with out MCB)4 way 2 single door	each	1	848.90	848.90
11	Supplying instalation & commissioning of 32 AMP IDCP main switches (IS 13940 part 3/1993) onexisting surface complete with H.R.C fuse links, interconnections earthing etc as required as per direction of Engineer in charge (make slemens/HPL/ Anchor/L & T /C & S/R.K/hevels) etc	each	1	851.58	851.58
12	Supplying of 200 mm x 250 mm x 25 mm deep for fixing for 32 AMP IDCP main switch	each	1	206.75	206.75
13	S/F to 16/18 SWG metal box of following sizes in resses of swetable size of phenolic laminated sheet cover in front including cutting the wall and making good the same in case of recessed conduit as required 200mm x 250 mm x 75 mm deep(1.24.9)	each	5	206.75	1,033.75
<b>Electrical Sub Total</b>					<b>22,849.93</b>
<b>PH Work</b>					
1	Supplying all materials, labour, T&P and fixing C.P/Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.				
	32 mm dia C.P/Brass waste	nos	1	210.90	210.90

Sl No	Description of items	Unit	Quantity	Rate	Amount
2	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction of the E.I.C.				
	P.V.C waste pipe 32mm dia with length not less than 700 mm	nos	1	104.00	104.00
3	Supplying all materials, labour, T&P and laying in trenches PVC) conforming to ASTM-D-1785/1989(Sch-80) of the following nominal bore and pipe fittings including testing etc all complete as per direction of the E.I.C.				
	20mm dia PVC Pipe(External)	m	6	58.60	351.60
4	Providing and fixing to wall or ceiling and floor PVC pipes conforming to ASTM-D-1785/1989(Sch-80) and pipe fittings of the following nominal bore and pipe fittings with clamps including making good the ceiling and floor testing etc all complete as per direction of the E.I.C.				
	20mm dia PVC Pipe(Internal)	m	5	109.50	547.50
5	Supplying all materials, labour, T&P for providing fitting and fixing of brass/C.P fittings of the following nominal bore with supply of all jointing material etc. all completed as per approved specification and direction of E.I.C				
	20 mm C.P stop cock	nos	1	794.70	794.70
	15 mm dia C.P Bib cock (Long Nose Elbow Action)	nos	1	820.40	820.40
	15 mm C.P Extension piece 50 mm long	nos	1	58.70	58.70
6	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.				
	600mm x 450mm B.E glass mirror	nos	1	681.90	681.90
7	Supplying all materials, labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C				

SI No	Description of items	Unit	Quantity	Rate	Amount
	20mm x 450mm long C.P towel Rail	nos	1	798.80	798.80
8	Supplying all materials, labour, T&P and fitting and fixing on wall face U-PVC SWR (soil, waste, rain water) Waste pipes and fittings of the following outside diameter conforming to ISI No 13592/1992 to walls with nails, bobbins and wooden plugs including jointing with supply of approved rubber lubricant by non-heat application method/as per manufacturer's specification, testing etc all complete as per P.H specification and direction of the E.I.C.				
	110 mm dia PVC pipe	rmt	6	204.20	1,225.20
	75 mm dia PVC pipe	rmt	10	121.10	1,211.00
	110 mm P trap	nos	2	299.70	599.40
	110 mm dia U PVC Door Tee	nos	2	296.70	593.40
	110 mm dia U PVC plain bend	nos	2	147.00	294.00
	110 mm dia U PVC D/Jn with door	nos	2	296.70	593.40
	110 mm dia UPV vent cowl	nos	2	77.30	154.60
	75 mm dia PVC Door bend	nos	2	122.90	245.80
	125 mm CP Grating	nos	2	68.30	136.60
9	Supplying all materials, labour, T&P and cutting holes through existing brick/stone masonry walls for taking HCI/PVC pipes and fittings including making good the damages in cement mortar (1:4) etc. all complete as per P.H. specification and direction of E.I.C.	nos	2	160.20	320.40
11	Supplying all materials, labour, T&P and fixing water closet, squatting pan (Indian type W.C pan/Orissa pattern squatting pan) duly embedded in cement concrete (1:4:8) using 4cm size hard granite metal including fixing a pair of vitreous china 250mm x 130mm x30mm footrest etc all complete as per specification and direction of the E.I.C.	nos	2	2,717.50	5,435.00
12	Providing fitting and fixing of flushing cistern concealed type with coverplate 40 mm size	nos	2	2,790.00	5,580.00

Sl No	Description of items	Unit	Quantity	Rate	Amount
13	Supplying all materials, labour, T&P and fixing wash hand basin with hole for pillar tap with C.I./M.S brackets painted white including holes in walls and making good the damages etc all complete as per specification and direction of the E.I.C. 550mmx400mm size wash hand basin	nos	1	2,225.00	2,225.00
14	Supplying all materials, labour, T&P and fixing C.P/Brass waste of the following nominal diameter for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	210.90	210.90
15	Supplying all materials, labour, T&P and fixing P.V.C waste pipe of the following nominal diameter for wash hand basin complete recessed at the back for the reception of pipes and fittings etc all complete as per specification and direction of the E.I.C. P.V.C waste pipe 32mm dia with length not less than 700 mm	nos	1	104.00	104.00
16	Supplying all materials, labour, T&P and fixing 15 mm dia P.V.C connection pipe of the following nominal diameter and making connection with Pillar cock and supply main for wash hand basin complete etc all complete as per specification and direction of the E.I.C.	nos	1	84.10	84.10
17	Providing fitting & fixing of 15 mm nominal bore bob cock for wash basin with popup wastew system of approve quality	nos	1	600.00	600.00
18	Supplying all materials, labour, T&P and fixing mirror of superior glass mounted on 6mm thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P screws and washers etc all complete as per specification and direction of the E.I.C.	nos	1	681.90	681.90
	600mm x 450mm B.E glass mirror				
19	Supplying all materials,labour, T&P and fixing standard sized CP towel rail/ring complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	1	996.80	996.80

Sl No	Description of items	Unit	Quantity	Rate	Amount
20	Supplying all materials,labour, T&P and fixing standard sized CP Soap holder complete with CP brass brackets fixed to wooden plugs with CP screws as per specification and direction of the E.I.C	nos	2	262.40	524.80
<b>Electri Sub Total</b>					<b>26,184.80</b>
<b>Grand Total</b>					<b>618,817.73</b>

**TO BE FILLED BY THE TENDERER**

1) My/Our quoted rate is (both in figure and words)

	In figure	In Words
Equal to estimated cost	%	
Excess in percentage	%	
Less in Percentage	%	

**Notes**

- 1)The tenderer should quote the decimal upto one decimal point only.
- 2)The tenderer should go through the special condition in DTCN for percentage rate
- 3)The tenderer should go quote their percentage inside the space provided.
- 4)Thepercentage quoted at any other place will not be taken into consideration.

**OFFICE USE ONLY**

Construction of HWC at SC Building Badamaheswar in the district of Nuapada for the year 2019-20

Sold for the above work on payment of

RS.....only per set vide money receipt  
no .....Book No.....Dt.....

EMD Rs.....in Shape of

Registration Certificate furnished or not furnished

STCC(GSTIN)furnished /not furnished

ITCC(PAN CARD)furnished /not furnished

No of Correction

No of Overwriting

No of Interpolation

**Signature of Tenderer with Seal**





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