GOVERNMENT OF ODISHA

PANCHAYATI RAJ & DRINKING WATER DEPARTMENT

(Civil Works)

DETAILED TENDER CALL NOTICE FOR THE WORK:

Sl No.	Name of the Project	Tender Cost without GST	Tender Cost with GST
1	Repair & Renovation of Statistical Building at Chakapad Block (Bastingia)	12,03,634.00	14,20,288,.00
2	Construction of Office Building of LAMPCS at Kusumendi	11,07,731.000	13,07,123.00
3	Construction of Office Building of LAMPCS at Chakapad	11,07,731.000	13,07,123.00
4	Construction of Office Building of LAMPCS at Sankarakhol	11,07,731.000	13,07,123.00
5	Construction of Office Building of LAMPCS at Brahmanpad	11,07,731.000	13,07,123.00

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OFFICE OF THE PANCHAYAT SAMITI CHAKAPAD, KANDHAMAL

BID IDENTIFICATION No: CHAKAPAD BLOCK, 01/ 2025-26

No 556 **Dtd.** 03-02-2026

The **BDO CHAKAPAD** on behalf of Governor of Odisha invites **Percentage Rate** bids in single cover system for the construction of works as detailed in the table, from the class of eligible contractors as mentioned in column-5 (five) registered with the State Governments and Contractors of equivalent Grades / Class Registered with Central Government / MES / Railways, to be eventually drawn up in PWD **P-1 Agreement** form, for execution of Buildings i.e. ***civil works***. The proof of registration from the appropriate authority shall be enclosed along with the Bid. If successful, the bidder who has not registered under state government has to register under the state PWD in appropriate class of eligibility before signing of the agreement. The bidders may submit bids for the following work.

TABLE -1

Sl. No	Name of the Work	Amount Put to Tender (In ₹)	Period of Completion	Class of Contractor	Cost of bid document
1	2	3	4	5	6
1	Repair & Renovation of Statistical Building at Chakapad Block(Bastingia)	12,03,634.00	Six Calendar Month	C &D	Rs 6000/-
2	Construction of Office Building of LAMPCS at Kusumendi	11,07,731.000	Six Calendar Month	C &D	Rs 6000/-
3	Construction of Office Building of LAMPCS at Chakapad	11,07,731.000	Six Calendar Month	C &D	Rs 6000/-
4	Construction of Office Building of LAMPCS at Sankarakhol	11,07,731.000	Six Calendar Month	C &D	Rs 6000/-
5	Construction of Office Building of LAMPCS at Brahmanpad	11,07,731.000	Six Calendar Month	C &D	Rs 6000/-

1. Bid documents consisting of plans, specification, the schedule of quantities and the set of terms & conditions of contract and other necessary documents can be seen in the office of the undersigned during office hours every day except on Sunday & Public holidays till last date of sale and receipt of tender paper. The Bid documents will also be available in the district website https://kandhamal.odisha.gov.in from **03.02.2026, 11 AM to 12.02.2026, 4.00 PM.**
2. Bids must be accompanied with E.M.D. (Bid Security declaration) as per office memorandum no 8943 dtd- 18.03.2021 of Govt. of Odisha, Finance Department specified for the work in the table above duly pledged in favor of BDO Chakapad, Bids without EMD declaration will not be considered and liable for rejection.
3. The sale of the Bid document shall start from **Dt. 03.02.2026 at 11 AM** and **close on Dt. 12.02.2026 at 4.00 P.M.** During office hours in the office of the under signed. The tender

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documents should be delivered along with the relevant documents of one work in the sealed cover with caption the name of the work over the envelope. Bids shall be received through Registered Post/ Speed Post with AD, on or before **Dt. 12.02.2026 at 4.00 P.M**. The authority will not be held responsible for any Postal delay in delivery of the Bid documents or non-receipt of the same.

4. The Bid will be opened on **Dt. 16.02.2026 at 11.00 A.M.** in the office of the undersigned in the presence of the members of the Block Level Tender/Purchase Committee and the bidders or their authorized representative. If the office happens to be closed on the date of receipt / opening of the bids as specified, above will be received / opened on the next working day at the same time and venue.

5. Bid documents can be Obtained from this Agency on payment of the tender cost mentioned against the work in **Col. 6** in shape of cash or DD drawn in favor of **BDO Chakapad.** Payable at **Chakapad** from any Nationalized scheduled Bank towards cost of tender paper. This is non-refundable.

6. The tender documents can be downloaded from district website https://kandhamal.odisha.gov.in on payment of tender cost of Rs 6000/- (Rupees Six thousand each set in shape of Demand Draft in favor of **BDO Chakapad.** and submit the Demand Draft in a separate envelope marked "COST OF TENDER DOCUMENT DOWNLOADED FROM INTERNET" along with the tender..

7. Bidders shall submit original affidavit regarding authenticity of their documents with their bids. Bids shall be accompanied with attested true copy of valid registration certificate, valid GST clearance certificate and PAN card, valid labor license and list of machineries and T&P otherwise his/her bids shall be declared as non-responsive and thus liable for rejection. The original certificates of the lowest three bidders are to be produced before BDO Chakapad for verification.

8. Other details can be seen in the bidding documents. Checklist is to be duly filled in.

9. Engineer Contractors desirous to avail the facility of exemption of E.M.D. is required to submit an affidavit to the effect that he has not yet availed the facility for more than two works during the current financial year. The name of work for which and the authority to which the tender is being submitted must be mentioned in the affidavit failing, which the tender will be rejected.

10. The ST/SC contractor desires to avail price preference is required to submit an affidavit.

11. The name of work for which and the authority to which the tender is being submitted must be mentioned in the affidavit failing, which the tender will be rejected.

12. Additional performance security shall be taken on an incremental basis from the selected bidder for low bid prices in the project works as under:

I. Where the bid price is below 0% but not below 10% of the project cost put to bid, no Additional performance guarantee/security percentage is required.

II. Where the bid price is below 10% but not below 20% of the project cost put to bid, the additional performance guarantee/security percentage shall be incremented by 0.1% for every percentage of bid price below 10% of the project cost put to bid starting at 11% with the additional bid performance guarantee being 0.1% and this additional performance guarantee percentage shall be applied on the bid price.

III. Where the bid price is 20% or more below of the project cost put to bid, the additional performance

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guarantee percentage shall be incremented by 0.2% for every percentage of bid price below 20% of the project cost put to bid in addition to 1% of the bid price and this additional performance guarantee percentage shall be applied on the bid price;

IV. The additional performance guarantee percentage shall be rounded off to the next lower percentage based on whether the decimal point of the percentage of bid price is below 0.5% or next higher percentage based on whether the decimal point of the percentage of bid price is 0.5% or more.

V. The additional performance security shall be treated as part of the performance security.

VI. Justification for abnormally low bids shall be scrutinized by the Departmental Technical Committee and recommended to the competent authority of the Administrative department for the approval of the Additional Performance Security (APS). An abnormally low bid is one in which the Bid price, in combination with other elements of the Bid, appears so low that it raises material concerns as to the capability of the Bidder to perform the contract at the offered price. Procuring Entity may,in such cases, seek written clarifications from the Bidder, including detailed price analyses of its Bid price in relation to scope, schedule, resource mobilization, allocation of risks and responsibilities, and any other requirements of the bid document. If, after evaluating the price analyses, the procuring entity determines that the Bidder has substantially failed to demonstrate its capability to deliver the contract at the offered price, the Procuring Entity may reject the Bid/Proposal. However,it would not be advisable to fix a normative percentage below the estimated cost,which would automatically be considered as an abnormally low bid.

13. The Successful bidder quoting less than the amount put to tender has to deposit the differential amount (as stated below) in shape of post office saving bank account/ NSC/ KVP/ Post office TDR/ Deposit receipt of scheduled bank duly pledged in favor of the BDO **Chakapad**, Kandhamal, within seven days of issue of letter of Acceptance (LOA) by the BDO **Chakapad** at the time of agreement.

14. **Any corrigendum / Addendum will be displayed in the website https://kandhamal.odisha.gov.in only. (So that the Bidders are requested to visit above web site regularly for any changes, since itwill not be published in news paper again)**.

15. No Engineer of Gazetted or other Gazetted officer employed in engineering or Administrative duties in an Engineering Department of state government is allowed to work as a contractor for a period of two years after his retirement from Government Service, without Government permission.

16. Conditional tender will summarily be rejected.

17. Building and other Construction Workers Welfare Cess @ 1% (One Percentage) of the cost of construction shall be deducted from bills.

18. Rate shall be putted in percentage both in figure and word writing excess or less into one decimal point shall be considered infect round off.

19. The items covered in Clause No- 147 of DTCN are required as essential criteria for eligibility for qualification.

20. **The authority reserves right to reject any or all the bids without assigning any reason thereof**.

Block Development Officer
Chakapad Block

Contractor

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Memo No 557 Dt. 03-02-2026

Copy along with soft copy of the notice submitted to the D.I.O., NIC, KANDHAMAL with a request to display the Tender call Notice and Tender document in the Website https://kandhamal.odisha.gov.in from 03.02.2026, 11 am to 12.02.2026 4pm.

Encl:-Soft copy 1 no.

3/2/26

Block Development Officer
Chakapad Block

Memo No 558 Dt. 03-02-2026

Copy submitted to the Collector cum District Magistrate, Kandhamal / Superintendent of Police/ OIC Chakapad Police Station, Kandhamal for kind information and necessary action.

3/2/26

Block Development Officer
Chakapad Block

Memo No 559 Dt. 03-02-2026

Copy to all Block Development Officers / Tahsildars of Kandhamal dist for wide circulation. They arerequested to display the same in their Notice board.

3/2/26

Block Development Officer
Chakapad Block

Contractor

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DETAILED TENDER CALL NOTICE

The **BDO Chakapad** on behalf of Governor of Odisha invites **Percentage Rate** bids in single cover system for the construction of works as detailed in the table, from the class of eligible contractors as mentioned in column-5 (five) registered with the State Governments and Contractors of equivalent Grades / Class Registered with Central Government / MES / Railways, to be eventually drawn up in **PWD P1** Agreement form, for execution of **Building *works*** i.e. Civil Works only. The proof of registration from the appropriate authority shall be enclosed along with the Bid. If successful, the bidder who has not registered under state government has to register under the state PWD in appropriate class of eligibility before signing of the agreement.

The bidders may submit bids for the following work.

Sl No.	Name of the Project	Tender Cost without GST	Tender Cost with GST
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(a) The tenderers with sound financial background capable of investing required amount for advance procurement of all materials required for the work need apply. Department shall not supply any material at all for the work.

(b) This detailed Tender Call Notice along with the clauses mentioned herein shall form a part of the contract and agreement.

1. The sale of the Bid document shall start from **Dt. 03.02.2025 at 11 AM** and **close on Dt. 12.02.2025 at 4.00 P.M** during office hours in the office of the under signed. The tender documents should be delivered along with the relevant documents of one work in the sealed cover with caption the name of the work over the envelope. Bids shall be received through Registered Post/ Speed Post on or before Dt. 12.02.2025 at 4.00 P.M. Only. The authority will not be held responsible for any Postal delay in delivering of the Bid documents or non-receipt of the same**.**

1. The cost of Bid documents in shape of demand draft issued from any nationalized/ scheduled bank may be prepared in the name of the **BDO Chakapad Block and payable at Chakapad** (amount mentioned in the DTCN at Col. 6) towards cost of tender paper. The online bid must be accompanied with scanned copies of demand draft towards cost of tender paper. The original copy of the Demand Draft shall be submitted near the officer inviting the bid after last date and time of submission of bid but before the stipulated date and time of opening of bid.
2. Bids must be accompanied with E.M.D. (Bid Security declaration) as per office memorandum no 8943 dtd- 18.03.2021 of Govt. of Odisha, Finance Department specified for the work in the table above duly pledged in favor of BDO Chakapad, Bids without EMD declaration will not be considered and liable for rejection.

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3. The intending bidders are required to produce documents viz original Registration, valid GST clearance Certificate, PAN Card on the date/ within three days of opening of Bid for verification purpose in the latter stage along with the original documents relating to ownership and hiring of plants and machineries mentioned at **Annexure-I of Schedule-C**, preferably within three working days from the date of opening of the tender. Furnishing scanned copy of such documents along with the Bid is **mandatory** otherwise his/ her bid shall be declared as non responsive and thus liable for rejection.
4. (i) The contract shall be drawn in P.W.D. **P-1** contract Form & signed by **BDO Chakapad Block** on behalf of the Government of Odisha.

   (ii) The item of works as per Schedule of quantities of the Agreement shall be supervised measured and check measured by the AEE concerned.
5. No tenderer will be permitted to furnish their tender in their own manuscript papers. All information's should be submitted in English. The applicants name should appear on each page of the application along with his signature or the signature of his authorized representative at the bottom of each page.
6. The tender should be strictly in accordance with the provisions as mentioned in the tender schedule. Any change in the wordings will not be accepted.
7. The work is to be completed in all respects within specified period inclusive of rainy season as mentioned in the column No.04 of the tender call notice. Tenderer whose tender is accepted must submit a programme of work immediately after issue of work order for approval of Engineer-in-Charge.
8. All tenders received will remain valid for a period of 90 days from the last date prescribed for receipt of tenders and validity of tenders can also be extended if agreed by the tenderers and the Department.
9. (i) The Contractors are required to furnish scanned copy of evidence of ownership of principal machineries/equipments in **Schedule –C** as per **Annexure-I**

   (i) In case the contractor executing several works he is required to furnish a time schedule for movement of equipment/machinery from one site to work site when work is to be executed in **Annexure-IV of Schedule-C**.

   (ii) The contractor shall furnish ownership documents for those machineries which he is planning to deploy for the tendered work if these are not engaged or produce certificate from the Executive Engineer as per **Annexure – III of Schedule-C** under whom these are deployed at the time of tendering as to the period by which these machines are likely to be released from the present contract. Certificate from the Executive Engineer of Government of under whose jurisdiction the work is going on**,** shall not be more than 90 days old on the last date of receipt of tender.

   (iii) In case the contractor proposes to engage machineries and equipments as asked for in the tender document, owned or hired but deployed outside the State, he/she is required to furnish additional 1% EMD /Bid Security. The entire bid security including the additional bid security shall stand forfeited in case the contractor fails to mobilize the machineries within a period as to be able to execute an item of work as per original programme which will be part of the agreement.

   (iv) The contractor intending to hire/lease equipments/machineries are required to furnish proof of ownership from the company/person providing equipments/machineries on hire/lease along with contracts/ agreements/lease deed and duration of such contract. The contracts/agreements/lease deed should be on long term basis for a minimum period of **as mentioned in column 4 table -1** from the last date of receipt of Bid documents.

10. **No Relation certificate.**

    The contractor shall furnish a certificate along with the tender to the effect that he is not related to any officer in the rank of an Assistant Engineer & above in Block Office Chakapad or ZP, Kandhamal. If the fact

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subsequently proved to be false, the contract is liable to be rescinded. The earnest money & the total security will be forfeited & he shall be liable of make good to damages the loss or damages resulting for such cancellations. The proforma for no relationship certificate is contained in a separate sheet vide Schedule-A.

11. If an individual makes the application, the individual should sign above his full type written name and current address.
12. If the application is made by proprietary firm, it shall be signed by the proprietor above his full type written name and the full name of his firm with its current address.
13. If the application is made by a firm in partnership, it shall be signed by all the partners of the firm above their full type written names and current address, or alternatively by a partner holding power of attorney for the firm in which case a certified copy of the power of attorney shall accompany the application. A certified copy of the partnership deed and current address of all partners of the firm shall also accompany the application.
14. If the application is made by a limited company or a corporation, it shall be signed by duly authorized person holding power of attorney for signing the application in which case a certified copy of the power of attorney shall accompany the application. Such limited company or corporation will be required to furnish satisfactory evidence of its existence along with the technical bid.
15. Submission of more than one tender by bidder for a particular work will liable for rejection of all such tender papers.
16. **Percentage rate contract (vide Works Department letter No.8310 dt.17.05.2006)**

    In case of percentage rate tender:-

    (i) The Contractor has to mention percentage excess or less over the estimated cost (In figures as well as words) in the prescribed format appended to the tender document.

    (ii) DELETED

    (iii) Only percentage quoted shall be considered. Percentage quoted by the Contractor should be accurately filled-in figures and words, so that there is no discrepancy.

    a. If any discrepancy is found in the percentage quoted in words and figures, then the percentage quoted by the Contractor in words shall be taken as correct
    b. If any discrepancy is found in the percentage quoted in percentage excess/ less and the total amount quoted by the Contractor, then percentage will be taken as correct.
    c. The percentage quoted in the tender without mentioning excess or less and not supported with the corresponding amount will be treated as excess.
    d. The percentage quoted in the tender without mentioning excess / less supported with corresponding amount does not tally with either to percentage excess or less then it will be treated as percentage excess.
    e. The percentage quoted in the tender without mentioning excess / less supported with corresponding amount if tallied with the percentage then it will be treated as to which side the amount tallies.
    f. The Contractor will write percentage excess/ less up to two decimal points only. If he writes the percentage excess / less up to two or more decimal points, the first decimal point shall only be considered without rounding off.
    g. The tender shall be written legibly and free from erasures, over writings or corrections of figures. Corrections, over writings & interpolations where unavoidable should be made by making out, initialing, dating and rewriting.

    (iv) In the contract P1 time is the essence. The contractor is required to maintain a certain rate of progress specify in the contract.

    (v) The quantity mentioned can be increased or reduced to the extent of 10% for individual items subject to a maximum of 5% over the estimated cost. If it exceeds the limit stated above prior approval of competent authority is mandatory before making any payment.

    (vi) The period of completion is fixed and cannot be altered except in case of exceptional circumstances with due approval of next higher authority.

    (vii) Bills for percentage rate tenders shall be prepared at the estimated rates for individual items only and the percentage excess or less shall be added or subtracted from the gross amount of the bill

17. The tenders shall carefully study the tentative drawings and specifications applicable to the contract and all the documents, which will form a part of the agreement to be entered in to, by the accepted tenderer and

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detailed specifications for Odisha, and other relevant specifications and drawings, which are available. Complaint at a future date that the tenderers have not seen plans and specifications cannot be entertained.

18. The drawing if any furnished with the tender are tentative and subject to revision or modification as tendered during the execution as per actual necessity and detail test conducted. But the tendered rates quoted by the tenderer will hold good in case of such modification of drawings during the time of execution and shall in no way invalidate the contract and no extra monetary compensation will be entertained. The work shall however be executed as per final approved drawing to be issued by the Engineer-in-Charge as and when required.
19. By admission of a tender for the work, a tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the work, about the quality and availability of the required quantity of material including the wheat/ rice referred to above, medical aid, labor and food stuff etc., and that rates quoted byhim in the tender will be adequate to complete the work according to the specifications attached there to and that he had taken in to account all conditions and difficulties that may be encountered during its progress and to have quoted rates including labor and materials with taxes, other duties, lead, lifts, loading and unloading, freight for all materials and all other charges necessary for the completion of the work, to the entire satisfaction of the Engineer-in Charge of the work and his authorized subordinates. After acceptance of the contract rate Government will not pay any extra charges for any reason in case the contractor claims later on to have misjudged as regard availability of materials, labour and other factors.
20. **The tender should be accompanied with the *Scanned copies of the valid Registration certificate, valid GST clearance certificate and PAN card* which are mandatory and the original certificates are to be produced within three (3) days of opening of the tender before *BDO* Chakapad for verification, otherwise his/her bid shall be declared as non-responsive and thus liable for rejection.**
21. The tender containing extraneous conditions not covered by the tender notice are liable for rejection and quotations should be strictly in accordance with the items mentioned in the Tender Call Notices. Any change in the wording will not be accepted.
22. The authority reserves the right to reject any or all the tenders received without assigning any reasons there-of what-so-ever.
23. The earnest money will be retained in the case of successful tenderers and will be dealt with as per terms and condition of O.P.W.D. Code. The earnest money will be refunded to the unsuccessful tenderers on application after intimation is sent to rejection of their tenders. The retention of E.M.D. with the Department will carry no interest.
24. (i) Every tenderer is expected before quoting his rates to inspect the site of the proposed work. He should also inspect the quarries and approach roads to quarries and satisfy himself about the quality and availability of materials. In every case the materials must comply with the relevant specifications. Complaints at future date that the availability of materials at quarries has been misjudged can't be entertained.

    (ii) <u>Amendment to Para 3.4.16(a) of OPWD Code Vol-I by substitution</u>.

    For the purpose of estimate, the approved quarry lead is to be provided judiciously. Engineers in charge would be responsible for ensuring the quality of the materials supplied. The contractors would , however ,be responsible for procurement of materials from authorised sources and voluntarily disclose the source of procurement for the purpose of billing. Besides the bidder would be required to submit the details of quarry for procurement while submitting the bids.
25. The offer of tender shall be inclusive of cost of construction and maintenance of island, ferry service, fair-weather road, service road, Foot Bridge, pylon base, winch stand and derrick stand etc. as required for the work.
26. It must be definitely understood that the Government does not accept any responsibility for the correctness and completeness of the trial borings shown in the Cross Section.

27. **PROPOSAL FOR PRICE VARIATION CLAUSE DUE TO INCREASE OR DECREASE IN RATE OF MINIMUM WAGES, PRICIPAL MATERIALS, POL & OTHER MATERIALS TO BE INCORPORATED IN CONDITION OF CONTRACT. (**Vide Works Department Memorandum No-12606 /W Dt.24.12.2012)

Contract price shall be adjusted for increase or decrease in rates and price of Labour, Cement, Steel, Bitumen, Pipes, POL & Other material component in accordance with the following principles and procedures as per formula given below:

31 (a) (i): REIMBURSEMENT/RECOVERY DUE, TO VARIATION IN PRICES OF MATERIALS OTHER THAN (STEEL, CEMENT, BITUMEN, PIPES & P.O.L.).

If during the progress of the work the price of any materials (Excluding the cost of steel cement, bitumen & P.O.L.) incorporated in the work (not being materials supplied from the Engineer-in-charge's store) in accordance with clause there of increases or decreases as a result of increase or decrease in the Average wholesale price Index (all commodities), and the contractor there upon necessarily and properly pays in respect of that materials incorporated in the work such increased or decreased price, then he shall be entitled to reimbursement or liable to refund, quarterly as the case may be, such an amount, as shall be equivalent to the plus or minus difference of 85% in between the Average wholesale price Index (all commodities) which is operating for the quarter under consideration and that operated for the quarter in which the bid was received (last date of receipt) as per the formula indicated below provided that the work has been carried out within the stipulated time or extension thereof as are not attributable to him, if penalty is levied for delayed completion of the work, the contractor shall not be eligible to get price escalation on the above materials on the value of works executed during the extended period.

This clause will be applicable to the contracts where original stipulated period of completion is more than 18 (eighteen) months. in the situation where the period of completion is initially stipulated in the agreement as less than 18 (eighteen) months but subsequently the completion period has been validly extended on the ground that the delay in completion is not attributable to the contractor and in the result the total period including the extended period stands more than 18(eighteen)months or more, price escalation for other materials is admissible only for the remaining period excluding 18(eighteen) months there from.

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

Price adjustment for increase or decrease in cost of materials other than cement, steel, bitumen, pipes and POL procured by the contractor shall be paid in accordance with the following formula:

$V_m = 0.85 \times P_m /100 \times R \times (M_i - M_o)/Mo$

V_m= Increase or decrease in the cost of work during the quarter under consideration due to changes in rates of materials other than cement, steel, bitumen, pipes and POL.

R=. Value of work done during the quarter under consideration excluding the work executed under extra items if any at prevailing schedule of rate/ derived rates.

M= The all India wholesale price index (All commodities) prevailed during the quarter last day of receipt of bids as published by the "Economic Adviser to Govt. of India, Ministry. of Industry and Commerce, New Delhi).

M_i = The all India wholesale price index (all commodities) for the quarter under consideration as published by Economic Adviser, Govt. of India, Ministry of Industry and commerce, New Delhi. In respect of the justified period extended for completion of the work, the index prevailing at the time of stipulated date of completion or the prevailing index of the period under consideration, whichever is less shall be

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considered.

P_m = Percentage of material component (other than cement, steel, bitumen, pipes and POL) of the work, as indicated in clause -31 (d) below.

31 (a) (ii): **REIMBURSEMENT/ RECOVERY OF DIFFERENTIAL COST DUE TO VARIATION IN PRICES OF PRINCIPAL MATERIALS (STEEL, CEMENT, BITUMEN AND PIPES NOT ISSUED BY DEPARTMENT) AFTER SUBMISSION OF TENDER:**

If after submission of the tender, the prices of Steel, Cement, Bitumen and Pipes (not being supplied by the Department) increases/ decreases beyond the price(s) prevailing at the time of the last date for submission of tenders including extension` for the work, the contractor shall be eligible to get differential cost due to such hike on the value of works executed during the stipulated period and during the extended period when the reason of delay in completion of the work is not attributable to the contractor. If penalty is levied for delayed completion of the work, the contractor shall not be eligible to get price variation on the above materials on the value of works executed during the extended period.

Reimbursement in case of differential cost due to increase in prices of cement, steel, bitumen and pipes are to be made by the Executive Engineer with prior approval of tender accepting authority subject to following conditions:

1) Contractors have to submit the vouchers showing procurement of different materials from authorized dealers for the said work.

2) Differential cost will be allowed only for the works which are progressed as per the approved work programme / revised work programme duly approved by the Engineer in charge.

Recovery in case of decrease in prices of cement, steel, bitumen & pipes shall be made by concerned Executive Engineer from the Contractor immediately.

The increase/decrease in prices of cement, steel, Bitumen and Pipes for reimbursement/recovery shall be determined as follow.

a) Adjustment towards differential cost of cement

Vc = $(C_i - C_o)/C_o$ x Actual quantity of cement utilized in the work during the quarter under consideration x base price of cement as prevailing on the last stipulated date of receipt of tender including extension, if any.

Vc =Differential cost of cement i.e. amount of increase or decrease in rupees to be paid or recovered.

Ci =All India Wholesale price index for cement for the quarter; under consideration as published byEconomic Adviser Govt. of India ,Ministry of Industry and commerce New Delhi

C_o=All India Wholesale price index (as Published by Economic Adviser, Govt. of India Ministry of Industry and commerce, New Delhi) for cement as prevailing on the last stipulated date of receipt of tender.

b) Adjustment towards differential cost of Steel

V_s =$(S_i$-$S_o)$ x Actual quantity of steel utilized in the work during the quarter under considerationV_s= Differential cost of Steel i.e. amount of increase or decrease in rupees to be paid or recovered.

S_i= Cost of the Steel as prevailed during the period under consideration as fixed by Steel Authority of India.

S_o= Base price of Steel prevailing as on the last date of submission of tender including extension, if any.

c) Adjustment towards differential cost of Bitumen.

V_b =(Bi - Bo) x Actual quantity of Bitumen utilized in the work during the quarter under consideration.

V_b= Different cost of Bitumen i.e. amount of increase or decreases, in rupees to be paid or recovered.

B_i= Average cost of Bitumen prevailed during the period under consideration as fixed by IOCL/BPCL/HPCL.

B_o= Base price of bitumen as prevailing on the last stipulated date of receipt of tender including extension, if any.

d) Adjustment towards differential cost of pipes.

Vp = $0.85 \times P_P / 100 \times R (P_i - P_o) / P_o$

Vp =Differential cost of pipe i.et amount of increase or decrease in rupees to be paid or recovered duringthe quarter under consideration.

P_P=Percentage of pipe component of the work as indicated in the clause 31 (d).

R= Value of work done during the quarter under consideration excluding the value of work executed under extra items, if any, at prevailing schedule of rates or derived rate.

P_i= AII India Whole sale price index for the period under consideration as published by Economic Advisor, Govt. of India, Ministry of Industry and Commerce, New Delhi, for the type of pipe under consideration.

P_o= All India Wholesale price index (as published by Economic Advisor, Govt. of India, Ministry of Industry and Commerce, New Delhi) as on the last stipulated date of receipt of tender including extension, if any, for the type of pipe under consideration.

31 (b): REIMBURSEMENT/ REFUND DUE TO STATUTORY RISE IN COST OF MINIMUM WAGES BY GOVERNMENT:

If after submission of the tender, the wages of labour increases or decreases as a direct result of the coming into force of any fresh law, or statutory rule or order beyond the wages prevailing at the time of the last date of submission of tenders including extensions, the contractor shall be eligible to get escalation due to such hike on the value of works executed during the stipulated period and during the 'validly extended period when the delay in completion is not attributable to the contractor. If penalty is levied for delayed completion of the work, the contractor shall not be eligible to get escalation on labour on the value of works executed during the extended period.

The contractor shall, within a reasonable time of his becoming aware of any alteration in the price of any such wages of labour, give notice thereof to the Engineer-in-Charge stating that the same is given pursuant to this condition together with all information relating thereto which he may be in a position to supply. Engineer-in-Charge may call books of account and other relevant documents from the contractor to satisfy himself about reasonability of increase in prices of wages and actual payment thereof For this purpose,, the labour component of the work executed during period under ……. consideration shall be the percentage (as specified in table below) of the value of work done during that period and the increase/decrease in labour shall be considered on the cost of minimum daily wages of any unskilled Laborer, fixed by the Government of Odisha under Minimum wages act.

The compensation for escalation for labour shall be worked out as per the formula given below:

V_i = $0.85 \times Pi/100 \times R \times (L_i - L_o)/L_o$

V_i = increase or decrease in the cost of work during the quarter under consideration due to changes in rates of minimum wages.

R= Value of work done during the quarter under consideration excluding the work executed under extra items if any at prevailing schedule of rate/ derived rates.

L_o= the minimum wages for labour as notified by State Government, as prevailing on the last stipulated date of receipt of tender including extension, if any.

L_i= the minimum wages for labour as notified by State Government & as prevailed on the last date of the quarter previous to the one under consideration. In respect of the justified period extended, the

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minimum wage prevailing on the last date of quarter previous to the quarter' pertaining to stipulated date of Completion or the minimum wage prevailing on the last date of the quarter previous to the one under consideration, whichever is less, shall be considered.)

P_i= Percentage of labour component of the work, as indicated in the clause 31 (d).

31 (c): REIMBURSEMENT/REFUND DUE TO VARIATION IN PRICES OF P.O.L:

Similarly, if during the progress of work the prices of Diesel. Petrol, Oil and Lubricants increases or decreases as a result of the price fixed thereof by the Government of India and the Contractor thereupon necessarily and properly pays such increased or decreased price towards Diesel, Petrol, Oil and Lubricants used in the execution of the work, then he shall be entitled to reimbursement or liable to refund, quarterly, as the case may be such an amount as shall be equivalent to the plus or minus difference of 85% in between the price of P.O.L,., which is operating for the quarter under consideration and that operated for the quarter of last date of receipt of bids as per the formula indicated below provided that the work has been carried out within the stipulated time or extension thereof as are not attributable to him. If penalty is levied for delayed completion of the work, the contractor shall not be eligible to get price escalation on POL on the value of works executed during the extended period.

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

V_f = $0.85 \times P_f/100 \times R \times (F_i - F_o)/F_o$

V_f= Increase or decrease in the cost of work during the quarter under consideration due to Changes in rates for P.O.L.

P_f = Percentage of P.O.L. component of the work, as indicated in clause-31 (d) below.

R= Value of work done during the quarter under consideration excluding the work executed under extra items if any at prevailing schedule of rate/ derived rates.

F_i = All India Wholesale price index for Fuel, Oil & Lubricant (High Speed Diesel for the quarter under consideration as published by Economic Adviser, Govt. of India, Ministry of Industry and Commerce, New Delhi. In respect of the justified period extended, the rates prevailing at the time of stipulated date of completion or the prevailing rates of the period under consideration, whichever is less, shall be considered.

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F_o = All India Whole dale price index for Fuel, Oil & Lubricant (High Speed Diesel) as prevailing on the last stipulated date of receipt of tender including extension, if any.

31(d): The following percentages will govern the price adjustment for the entire contract for different types of works as applicable given in the following table:

<u>Percentage Table</u>

Sl. No	Category of works		% Component (cost wise)		
			Labour (Pi)	POL (Pf)	Steel+Cement+Bitumen+ Other Materials*
1	R&B works (% of component)	Road Works	5	5	90
		Bridge works	25	5	70
		Building Works	25	-	75
2	Irrigation works (% of component)	Structural Work	20	5	75
		Earth, Canal & Embankment work	25	10	65
3	P.H.works (% of component)	Structural Work	25	5	70
		Pipeline work	5	-	<u>Pipe – 70%</u> *Other material -25%

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		Sewer Line	10	-	Pipe – 70% *Other material -20

*Note: - Further break up may be worked out considering the consumption of Cement, Steel, Bitumen and pipe in the concerned works for the period under consideration.

31 (e): APPLICATION OF ESCALATION CLAUSE:

(i) The contractor shall for the purpose of availing reimbursement/refund of differential cost of steel, bitumen, cement, pipe, POL and wages , keep such books of account and other documents as are necessary to show that the amount of increase claimed or reduction available and shall allow inspection of the same by a duly authorized representative of Government and further, shall at the request of the Engineer-in-charge, furnish documents to be verified in such a manner as the Engineer-in-charge may require any document and information kept. The contractor shall within a reasonable time of 15 days of his becoming aware of any alteration in the price of such material, wages of labour and/or price of P.O.L. give notice thereof to the Engineer-in-charge stating that the same is given pursuant to this condition along with information relating thereto which he may be in a position to supply.

(ii) The compensation for escalation shall be worked out at quarterly intervals and shall be with respect to the cost of work done as per bills paid during the three calendar months of the said quarter. The first such payment shall be made at the end of three months after the month (excluding the month in which tender was accepted) and thereafter at three months interval. At the time of completion of the work, the last period for payment might become less than 3 months, depending on the actual date of completion.

32. In case of any discrepancy in printing or omissions of statutory specifications or any other part or portion of the approved document during download of the bid document, the decision of the officer inviting the bid will be binding on the bidder.

33. The earnest money will be retained and dealt with as per the terms and conditions of the O. P. W. D. code**.** The bidder / tenderer whose bid has been accepted will be notified of the award by the Engineer-in-charge prior to expiration of the validity period by cable, telex or facsimile confirmed by registered letter. This letter (hereinafter and in the conditions of Contract called the "Letter of Acceptance") will state the sum that the Engineer-in-charge will pay the contractor in consideration of the execution, completion and maintenance of the Works by the contractor as prescribed by the contract (Hereinafter and in the contract called the "ContractPrice").

The notification of award will constitute the formation of the contract, subject only to the furnishing of a performance security (Initial Security Deposit) and additional performance security as per Clause 99 of DTCN in form of Fixed deposit receipt of Schedule Bank/Kissan Vikash Patra/Post Office Savings Bank Account/National Savings Certificate/Postal Office Time Deposit Account duly pledged in favour of the **Block Development officer Chakapad,** KANDHAMAL**,** and in no other form which including the amount already deposited as bid security (earnest money) shall be 2% of the value of the tendered amount (excluding 1% deposited towards hiring of equipments/machineries from outside the State if any) and sign the agreement in the **PWD Form P1** for the fulfillment of the contract in the office of the **Block Development officer Chakapad** Kandhamal**,** as directed. The security deposit together with the earnest money and the amount withheld according to the provision of P1 agreement shall be retained as security for the due fulfillment of this contract and additional performance security in accordance with the provisions of the agreement.

The agreement will incorporate all correspondence between the officer inviting the bid/Engineer-in-Charge and the successful bidder. Within 15 days following the notification of award along with the Letter of Acceptance, the successful bidder will sign the agreement and deliver it to the Engineer-in-Charge. Following documents shall form part of the agreement.

a) The notice inviting bid, all the documents including additional conditions, specifications and drawings, if any, forming the bid as issued at the time of invitation of bid and acceptance thereof together with any correspondence leading thereto & required amount of performance security including additional performance security.

b) Standard P.W.D. Form P1 with latest amendments.

Failure to enter in to the required agreement and to make the security deposit as above shall entail forfeiture of the **Bid Security (earnest money)** .No **contract (tender)** shall be finally accepted until the required amount of initial security deposit and additional performance security deposit are received by the Engineer-in-Charge. The performance security will be refunded after **One Year** of completion of the work and payment of the final bill and will not carry any interest.

As concurred by Law Department & Finance Department In their U.O.R. No 848 dtd.21.05.97 J.O.R.No.202 W.F.D. dtd.06.03.98 respectively the E.M.D. will be forfeited in case, where tenderers back out from the offer before acceptance of tender by the competent authority.

c) Ammendment to Para 3.5.18 Note – viii of OPWD Code Vol.-I

Before acceptance of tender, the successful bidder will be required to submit a work programme and mile stone basing on the financial achievement so as to complete the work within the stipulated time and in case of failure on the part of the agency to achieve the mile stone liquidated damage will be imposed.

34. That for the purpose of jurisdiction in the event of disputes if any of the contract would be deemed to have been entered in to within the State of Orissa and it is agreed that neither party to the contract will be

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competent to bring a suit in regard to the matter by this contract at any place outside the State of Orissa.

35. The contractor should be liable to fully indemnify the Department for payment of compensation under workmen compensation act. VIII of 1923 on account of the workmen employed by the contractor and full amount of compensation paid will be recovered from the contractor.
36. Tenderers are required to liable by fair wages clause as introduced by Govt. of Odisha, Works Department letter No.VII (R&B) 5225, dt.26-2-55 and No.II, M-56/61-28842 (5), dt.27-9-61.
37. In case of any complaint by the labour working about the nonpayment or less payment of his wages as per latest minimum Wages Act, the Executive Engineer will have the right to investigate and if the contractor is found to be in default, he may recover such amount due from the contractor and pay such amount to the labour directly under intimation to the local labour office of the Govt. The contractor shall not employ child labour. The decision of the Executive Engineer is final and binding on the contractor.
38. The contractor shall bear cost of various incidentals, sundries and contingencies necessitated by work in full within the following or similar category.

    a. Rent, royalties and other charges of materials, octroi duty, all other taxes including <u>labour welfare cess</u> , sales tax, ferry, tolls conveyance charge and other cost on account of land and building including temporary building and temporary electric connection to work site as well as construction of service road and diversion road and its maintenance till completion of work as required by the tenderer for Collection of materials, storage, housing of staff or other purpose of the work. No tenderer will however be liable to pay Govt. for temporary occupation of land owned by Govt. at the site of the work.

    b. Labour camps or huts necessary to a suitable scale including conservancy and sanitary arrangements therein 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 the work.

    d. Fees and duties levied by the municipal, canal or water supply authorities.

    e. Suitable equipments and wearing apparatus for the labour engaged in risky operations.

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

    g. Compensation including the cost of any suit for injury to persons or property due to neglect of any major precaution also become payable due to operation of the workmen compensation act.

    h. The contractor has to arrange adequate lighting arrangement for the work where ever necessary at his own cost.
39. Bid documents consisting of plans, specifications, the schedule of quantities and the set of terms and conditions of contract and other necessary documents can be seen in all the offices issuing the documents and office of the under signed during office hours every day expect on Sundays and Public Holidays till last date of sale and receipt of tender papers. Interested bidders may obtain further information at the same address. But it must be clearly understood that tenders must be received in order and according to instructions in complete shape. Incomplete tender is liable for rejection.

40. After the work is finalised, all surplus materials should be removed from the site of work. Preliminary work such as vats, mixing platforms etc. should be dismantled and all materials removed from the site and premises left neat and clean, this should be inclusive of the rate.
41. No payment will be made for bench marks, level pillars profiles and benching and leveling the ground where required. The percentage rate to be quoted should be inclusive of carriage of all materials and incidental item of works.
42. It should be understood clearly that no claim what-so-ever will be entertained to extra items of works, extra quantity of any item besides agreement quantity unless written order is obtained from the Engineer-in-charge and rate settled before the extra items of work or extra quantity of any items of work is taken up.
43. Tenderers are required to go through each clause of P.W.D. Form P1 carefully in addition to the clause mentioned herein before tendering. In case of ambiguity, the clauses of PWD Form P1 with latest amendments shall supersede the condition of DTCN.

44. If any advance / Secured advance is granted by the Department the same will bear interest at the rate of 18% P.A.

45. All items of work as per schedule of quantities of this tender should confirm to Odisha Detailed Standard Specification. I.R.C. & I.S.I. Codes & Bridge code section I,II,III,IV & VII & latest design criteria for pre-stressed concrete bridges specially for Roads & Bridges issued by MoRT&H., Government of India, MORT&H Specification for Road & Bridge work (Latest Revision) shall be the guiding book for execution, quality assurance, specification and measurement for all items of Bridge & Road works. Compacting shall have to be carried out with help of mechanical vibrators from the range of I.S.:2505, I.S.:2006, I.S.:2514. I.S.:4656.

46. Shuttering & centering shall be with suitable steel shutters in side of which shall be lined with suitable sheeting and made leak proof and water tight. All joints in formwork shall be properly sealed preferably with P.V.C. joints sealing tapes & compounds.

47. Form work including complete false work shall be designed by the Contractor without any extra cost to employer and the Department will have the right to inspect the scaffolding, centering and shuttering made for the work and

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can reject partly of fully such structures, if found defective in their opinion. Any eventually such as loss of lives or properly due to failure of centering and shuttering shall be the responsibility of the Contractor regarding compensation of all claims thereof.

48. Cement shall be used by bags and weight of one bag of Cement should be 50 (fifty) Kg. net & the Engineer-in-Charge or his representative shall have the right to test the weight & quality from time to time.

49. The tenderers shall make all arrangements for proper storage of materials like steel & cement but no cost for raising shed for store and pay of security guard etc. will be borne by the Department. The department is not responsible for any theft or loss of materials at site. It is contractor's risk. Under any such plea, if the tenderer stops the work he shall have to pay the full penalty as per clauses of the contract. No extension of time will be granted on the application of the contractor due to delay in procurement of materials.

50. Approach road to site of work for transport of materials to site of work is sole responsibility of the Contractor. Statutory traffic restriction in the town area for Transport of construction material to site of work is to be taken in to consideration before tendering and no consideration for extra time or compensation thereof shall be considered.

51. The contractor should at his own cost arrange necessary tools and plants required for efficient execution of work and the rates quoted should be inclusive of transportation, hire and running charges of such plant and cost of consumables.

52. The machineries if available, with the department may be supplied on hire as per charges noted in the enclosed statement and may be changed from time to time subject to the condition that the contractor will execute in advance an agreement with the Engineer-in-Charge.

53. No claim whatsoever will be entertained for supply of machineries. No extension of time will be granted to the contractor under this ground under any circumstances

54. The tenders should furnish along with their tender a list of works executed during the last three years duly certified by the concerned Engineer-in-charge indicating the satisfactory completion for Civil works as per the proforma enclosed in a separate sheet of schedule-H.

55. It should be clearly understood that:

a) The joints of the bars are to be provided with lapping, welds or bolts nuts as well be directed by the Engineer-in-charge.

b) Concrete test specimens 150mm × 150mm × 150mm in size (whether plain or reinforced concrete) for the testing shall be taken for each structural member by a representative of the contractor in the presence of responsible officer of the rank not lower than that of an Assistant Engineer or sub-Divisional Officer. The contractor shall bear the cost so involved in testing. The test specimen in cube should be carried out in the Departmental Control and Research Laboratory of Cuttack or Bhubaneswar. Test should be carried out in accordance with the stipulation in Bridges code section-III.

c) Test specimens shall be formed carefully in accordance with the standard method of taking test specimen and no plea shall be entertained later on the grounds that the casting of the test specimen was faulty and that the result of the specimen did not give a correct indication of the actual quality of concrete.

d) Plain concrete and reinforced concrete specimens will be tested in ***Quality control and Research Laboratory at Bhubaneswar, Quality control Division, Cuttack and Zonal laboratories.*** Cost of testing of all specimens and samples will be borne by the Contractor.

e) The construction of well staining by injecting cement or grout in coarse aggregate placed in position shall not be permitted.

56. The rates quoted should be inclusive of carriage of water required in connection with execution of the work. No claim for carriage of water whatsoever will be entertained.

57. The contractor shall employ one or more Engineering Graduate or Diploma holders as apprentice at his cost if the

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work as shown in the tender exceeds ₹. 2, 50,000.00. The apprentices will be selected by the Chief Engineer. The period of employment will commence within one month after the date of work order and would last till the date, when 90% of the work is completed. The fair wage to be paid to the apprentices should not be less than the emolument of personnel of equivalent qualification employed under Government. The number of apprentices to be employed should be fixed by the Chief Engineer in the manner so that the total expenditure does not exceed one percent of the tendered cost of the work.

58. **List of tool & plants in running condition in possession of contractor is to be furnished in a separate sheet of schedule-C.**
59. It is the responsibility of the contractor to procure and store explosive required for blasting operation. Department may render necessary possible help for procuring license.
60. For submission of a tender for the work, the tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the work about the quality and availability of the required quantity of materials, Medical aid, labour and Flood stuff etc. and that the rates quoted by him in the tender will be adequate to complete the work according to the specifications attached thereto and that he had taken in to account all conditions and difficulties that may be encountered during its progress and to have quoted labour rates and materials with taxes, Octoroi and other duties lead, lifts, loading and unloading freight for materials and all other charges necessary for the completion of the work to the entire satisfaction of the Engineer-in-charge of the work and his authorized subordinates. After acceptance of the contract rates Government will not pay any extra charges for any reason in case the contractor finds later on to have misjudged the conditions as regards the availability of materials, labour and other factors. The contractor will be responsible for any misuse, loss or damages due to any reasons whatsoever of any departmental material during the execution of work. In case of loss, damage or misuse, recovery at the rate at 5 times the cost of the materials will be deducted from the bills or his other dues.
61. The prevailing percentage of I.T. Department of the gross amount of the bill towards income tax will be deducted from the contractor's bill.
62. It must be clearly understood that under no circumstances any interest is chargeable for the dues or additional dues if any payable for the work executed and final bill pending disposal due to any reason whatsoever.
63. No extra payment will be made for removing spreading and consolidating salvaged metals and materials.
64. Under section 12 of contractors labour (Regulation and Abolition) Act. 1970 the contractor who undertakes execution of work through labour should produce valid license from licensing authorities of labour Department.
65. After completion of the work the contractor shall arrange at his own cost all requisite equipments for testing one unplugged well and specified span free of cost as directed by the Engineer-in-Charge and bear the entire cost of the test.
66. No extra payment will be made for the jungle clearance for taking earth from the borrow areas. Earth work from cutting shall be economically utilized in filling.
67. The stack of road metal and gravel will be measured in boxes of 1.5m × 1.5 M × 0.5M which will be taken as 1.5m × 1.5M × 0.44M = 1 cum. The soling stones will be measured in the suitable stacks with deduction for voids @ 1/6 of volume or more depending upon the looseness of stacking which would be determined on actual observation and deduction.
68. In the event of any delay in the supply of Department road roller for unavoidable reasons, no extension of time will be granted to the contractor under any circumstances.
69. Sinking of wells shall be measured as per MORT&H, Specification for Road & Bridge work (latest revision).
70. All method of sinking including pneumatic sinking by employment of divers and other equipment shall be included in the rate. Removal of trees, logs of trees or isolated boulders and desalting of sand or earth from existing well, rectification of tilt and shift if any, etc. shall also be included within the rate.
71. The depth of foundation indicated on the drawing are provisional but these may be altered if necessary in the light

of the nature of strata indicated by boring which must be taken in advance of actual execution of the foundation.

72. When resort has to be made for sinking the wells by air lock and vacuum chamber method rates there of shall be pre-decided by authority accepting the tender.
73. Construction of coffer dam or island or the work of open excavation or dressing or labour for laying well curbs shall be included in the rate.
74. For concreting the bottom plugs of well under the method of providing concrete should be either with tremie or any other approved method as well be directed by the Engineer-in charge with 10% extra cement to be used for under water concreting without any extra cost to the department.
75. No claim will be entertained in respect of difficulties during sand blowing met with during sinking of wells.
76. No part of the bearing for the superstructure shall be allowed to rest on the noses of the piers.
77. Tor Steel mesh reinforcement shall be provided in the concrete of the girders on the caps of the piers / abutments immediately in contact with the bearing to ensure proper distributions of heavy load.
78. Lugs and grooves shall be provided in the bearings to prevent them from skewing and getting out of alignment.
79. Inspection by the Director General of Supplies and Disposals of the bearing during manufacture and X-Ray or Gama Ray examination of castings thickness more than 8 inches and load testing of bearing if considered necessary shall have to be carried out at the contractor's cost .The same procedure for testing may have to be followed for ribbed bearing manufactured by widening.
80. **Sample of all material -** The contractor shall supply sample of all materials fully before procurement for the work for testing and acceptance as may be requiring by the concerned Executive Engineer.
81. Super class contractor shall employ under himself two Graduate Engineer and two Diploma holders belonging to the State of Odisha. Special class contractor shall employ under him one graduate Engineer and two Diploma Holders belonging to the state of Odisha. Likewise 'A' class contractor shall employ under him one Graduate Engineer or two Diploma Holders belonging to state of Odisha. The contractor shall pay to the Engineering personnel monthly emoluments, which shall not be less than the emoluments of the personnel of equivalent qualification employed under the State Govt. of Odisha. The Engineer-in Chief (Civil), Odisha may however assist the contractor with names of such unemployed Graduate engineers and Diploma Holders if such help is sought for by the contractor. The names of such Engineering personnel appointed by the Contractors should be intimated to the tender receiving authority along with the tender as to who would be supervising the work. Each bill of the Super Class, Special Class or 'A' Class Contractor shall be accompanied by an employment Roll of the Engineering personnel together with a Certificate of the Graduate Engineer or Diploma Holder so employed by the contractor to the effect that the work executed as per the bill has been supervised by him. (Vide Works Department No. Codes M-22/91-15384 dated 9.7.91). The required certificate is to be furnished in the proforma contained vide table 1.4 of Qualification Information of Schedule-B.
82. An engineering personnel of the executing agency should be present at work site at the time of visit of High level Inspecting officers in the rank of Chief Engineer and above.
83. All reinforced cement work should confirm to Odisha Detailed specification and should be of proportion as per Contract Agreement having desired compressive strength (in work test) in 15 Cm cubes at 28 days, after mixing and test conducted in accordance with IS 456 and IS 516.
84. Bailing out of water from the foundation, pipeline trenches S. Tanks/Soak pits/Sumps/M.H. etc. either rainwater or sub-soil water if necessary should be borne by the contractor. No payment will be made for benchmarks. Level pillars, profiles and benching and leveling the ground wherever required. The rates quoted should be for finished items of works inclusive of these incidental items of work. It should be understood clearly that no claims whatsoever would be entertained.
85. The tenderer shall have to abide by the C.P.W.D. safety code rules introduced by the Government of India, Ministry of work Housing and Supply in their standing order No-44150 dtd.25.11.57.
86. The Contractor will have to submit to the **Addl. Executive Officer(Tech), ZP, Kandhamal** monthly return of labour both skilled and unskilled employed by him on the work.

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87. All fittings for doors and windows P.H. & Electrical works as supplied by the Contractor should be of best quality and conform to relevant I.S. specification and should be got approved by the Engineer-in-charge of the respective wing before they are used on the work.
88. After completion of the work the contractor shall arrange at his own cost all requisite equipments for testing buildings, if found necessary and bear the entire cost of such test, including the inspection of Electrical Inspectorate.
89. The Tenderer should furnish along with their tender **1**.a list of works, which are at present in their hand **2**. list of T&P and **3**.list of work executed in the prescribed proforma(s) enclosed herewith in appropriate place of bid document.
90. All reinforced cement concrete works should be finished smooth Extra charges for plastering if required to any R.C.C. structures like roof slab, Columns, Chajjas, fins, parapets, shelves etc. shall not be paid.
91. The tenderer may at his option quote reasonable rate for each item of work carefully so that the rate for one item should not be unworkable low and for others too high.
92. The contractor has to arrange the samples of materials required for execution to be got tested and approved by the Department before taking up the work and during course of execution required from time to time. All such samples will be tested at ***R&B Department; Control and Research Laboratory Bhubaneswar, Quality control division Cuttack and Zonal Laboratories***, ***Berhampur*** at the cost of the Contractor with no extra cost to the Department.
93. If there is any damage to the work due to natural calamities like flood or cyclone or any other cause during the course of execution of work or up to 6 months after completion of work or if any, imperfection becomes apparent to the work within 6 months from the date of final certificate of completion of work the contractor shall make good of all such damages at his own cost with no extra cost to the Department. No claims, whatsoever, in this regard will be entertained.
94. The K.B./C.B. bricks should be well burnt and of good qualities. The bricks should be approved by the Engineer-in-charge before use in the work and should conform to the minimum strength as per National Building Code.
95. Under Section 1 of contract labour Regulation and Abolition Act 1970 the contractor who undertakes execution of work through labour should produce valid license from the licensing authority of labour Department.
96. Standard co-efficient for linear measurement will be adopted while calculating consumption of steel and no claim whatsoever regarding difference in co-efficient of steel will be entertained. The rates quoted shall be inclusive of any eventuality of difference for co-efficient for linear measurements.
97. Engineer Contractor desirous to avail the facility of exemption of E.M.D is required to submit an affidavit to the effect that he has not yet availed the facility / participated in the tender for more than two works (Excluding this work) during the current financial year. The name of work for which participated and the authority to which the tender was submitted must be mentioned in the affidavit, failing which the tender will be rejected.

98. That for the purpose of jurisdiction in the event of disputes if any of the contract would be deemed to have been entered in to within the State of Odisha and it is agreed that neither party to the contract will be competent to bring a suit in regard to the matter by this contract at any place outside the State of Odisha.

99. Additional performance security shall be taken on an incremental basis from the selected bidder for low bid prices in the project works as under:

    I. Where the bid price is below 0% but not below 10% of the project cost put to bid, no additional performance guarantee/security percentage is required.

    II. Where the bid price is below 10% but not below 20% of the project cost put to bid, the additional

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performance guarantee/security percentage shall be incremented by 0.1% for every percentage of bid price below 10% of the project cost put to bid starting at 11% with the additional bid performance guarantee being 0.1% and this additional performance guarantee percentage shall be applied on the bid price;

III. where the bid price is 20% or more below of the project cost put to bid, the additional performance guarantee percentage shall be incremented by 0.2% for every percentage of bid price below 20% of the project cost put to bid in addition to 1% of the bid price and this additional performance guarantee percentage shall be applied on the bid price;

IV. The additional performance guarantee percentage shall be rounded off to the next lower percentage based on whether the decimal point of the percentage of bid price is below 0.5%or next higher percentage based on whether the decimal point of the percentage of bid price is 0.5% or more.

V The additional performance security shall be treated as part of the performance security.

VI. Justification for abnormally low bids shall be scrutinized by the Departmental Technical Committee and recommended to the competent authority of the Administrative department for the approval of the Additional Performance Security (APS). An abnormally low bid is one in which the Bid price, in combination with other elements of the Bid, appears so low that it raises material concerns as to the capability of the Bidder to perform the contract at the offered price. Procuring Entity may in such cases, seek written clarifications from the Bidder, including detailed price analyses of its Bid price in relation to scope, schedule, resource mobilization, allocation of risks and responsibilities, and any other requirements of the bid document. If, after evaluating the price analyses, the procuring entity determines that the Bidder has substantially failed to demonstrate its capability to deliver the contract at the offered price, the Procuring Entity may reject the Bid/Proposal. However, it would not be advisable to fix a normative percentage below the estimated cost, which would automatically be considered as an abnormally low bid.

100. SPECIAL CONDITIONS (PART OF THE CONTRACT)

(I) All materials before they are being used in the items of works as per this Schedule of quantities and also the finished items of work where tests are applicable shall have to be tested through the Engineer-in-charge of the respective wing at appropriate Laboratories according to the relevant I.S. specifications of the materials and the said items of works and the cost of all such tests shall have to be borne by the Contractor and the rates of the items of works should be inclusive of cost of such tests.

(II) The tests have to be planned & carried out such that the progress of work is not hampered

(III) The tests are mandatory as per the prescribed frequencies and I.S. specifications. However, these are not exhaustive and the Engineer-in-charge has the right to prescribe other required test if any as will be considered from time to time.

a) In case of ambiguity between clauses of this D.T.C.N. and the **P-1** contract form, the relevant Clauses of the**P-1** contract form shall prevail over the D.T.C.N. The clauses not covered under **P-1** contract form shall be governed by the clauses of the D.T.C.N.

b) It must be definitely understood that the Government does not accept any responsibility for the correctnessand completeness of the trial borings shown in the Cross Section.

101. Schedule of quantities is accompanied in Price Bid. It shall be definitely understood that the Government does not accept any responsibility for the correctness or completeness of this schedule and that this schedule is liable for alternation or omissions, deductions or alternations set forth in the conditions of the contract and such omissions, deductions, additions or alternations shall no way invalidate the contract and no extra monetary compensation, will be entertained.

102. In case of any complaint by the labour working about the nonpayment or less payment of his wages as per latest minimum Wages Act, the Executive Engineer will have the right to investigate and if the contractor is found to be in default, he may recover such amount due from the contractor and pay such amount to the labour directly under intimation to the local labour office of the Govt. The contractor shall not employ child labour. The decision of the Executive Engineer is final and binding on the contractor.

103. The contractor should arrange the materials like Steel, Cement, paint and bitumen etc. of approved quality and specification at his own cost for completion of the work with the time schedule. No extension of time will be granted on the application of the contractor due to delay in procurement of materials.

104. The bidder will be responsible for the loss or damage of any departmental materials during transit and in the execution of the work due to reasons what-so-ever and the cost of such materials will be recovered from the bills at stock issue rates or market rates whichever is higher.

105. For diversion road the contractor will have to make his own arrangement to make the same in private land if necessary for which agreement of such land by the side of C.D. works and the rental charges for such private land shall be borne by the contractor including the proper maintenance with lighting arrangements during the nighttime and signaling during day time and barricading etc. till the C.D. works are opened to the traffic. No extra cost will be paid to the contractor for the above rental charges etc. His rate in the tender shall include thisarrangement, rental charges for the land and maintenance, lighting and removal of such temporary road crust from the private land to bring the land to its original condition etc. complete.

106. The contractor has to arrange the land required for borrowing earth if necessary for the road work at his cost. No extra payment by the Department will be made on this account and no claim what-so-ever will be entertained on this ground. The rate quoted by the contractor should be inclusive of all such charges.

a) Where it will be found necessary by the Department, the Officer-in-Charge of the work shall issue an order book to the contractor to be kept at the site of the work with pages serially numbered. Orders regarding the work whenever necessary are to be entered in this book by the P.W.D. Officer-in-Charge with their dated signatures and duly noted by the contractor or his authorised agents with their dated signature. Orders entered in his book and noted by the contractor's agent shall be considered to have been duly given to the contractor for following the instructions of the Department. The order Book shall be the property of the P.W.D. andshall not be removed from the site of work without written permission of the Engineer (Executive Engineer) and to be submitted to the Engineer-in-charge every month.

b) The tenderer should conduct three bores at each pier and S.B.C. of soil at foundation level and

abutments location and furnish the test results in conformity with I.R.C. code at his own cost before execution of the work and rate quoted by the contractor should be inclusive of such bores and S.B.C. tests etc. without any extra cost to the Department.

107. The details of foundation, sub-structure and floor protection for execution shall be done in accordance with the test results thus obtained.

108. The contractor shall have no claim what so ever for the extra quantity of work to be executed in view of above possible changes and payments is to be made as per clause 11 of the P-1 Contract.

109. Over and above these conditions, the terms and conditions and rules and regulations and specifications as laid down in Orissa Detailed Standard Specification, Orissa P.W.D. Code, Bridge code and MORT&H specifications with latest revision / amendment are also binding on the part of the contractor.

110. No part of the contract shall be sublet without written permission of the concerned Executive Engineer or transfer be made by power of Attorney authorizing others to receive payment on the contractor's behalf.

111. The contractor should attach the certificate in token of payment deposit with the registration authority as per recent circular of the Government relating to his registration.

112. Any damages caused by natural calamities should be done by the contractor at his own cost. The Department will not be any way responsible for the same and will not pay any cost towards the repair done by the contractor.

113. If the contractor removes Government materials supplied to him from the site of work with a view to dispose of the same dishonesty, he shall be in addition to any other liability civil or criminal arising out of his contract be liable to pay a penalty equivalent to five times of the price of the materials according to the stock issue rate or market rate whichever is higher. The penalty so imposed shall be recovered at any time from any sum that may then or at any time thereafter become due to the contractor or from his security deposit or from the proceeds of sale thereof.

114. The selected contractor may take delivery of departmental supply according to his need for the work issued by the ***Engineer- in-charge*** subject to the availability of the materials. The tenderer shall make all arrangement for proper storages of materials but no cost for raising shed for storage, pay of security guard etc. will be borne by the Department. The Department is not responsible for considering the theft of materials at site. It is the contractor's risk. Under any such plea if the tenderer stops the work, he shall have to pay the full penalty as per clause of F2 agreement.

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

116. All the materials which are to be supplied from department will be as per availability of stock and the contractor will have to bear the charges of straightening, cutting, jointing, welding etc. to required sizes in case of M.S. Rods or TOR Steel / M.S Angles, Tees and Joists etc. After the issue from the P.W.D. store, the materials may be under the custody of the contractor and the contractor will be responsible for its safety and storage. Cut pieces of steel more than one metre in length will be returned by the contractor at the issuing stores without conveyance charges.

117. Though Departmental issue of cement and steel has indicated, it may not be taken as binding. The contractor must have to arrange by themselves cement, steel, bitumen and every sort of materials from approved manufacturer, get it tested in the Departmental Laboratory and approved by the Department before use. No extension of time or escalation of price on such account shall be entertained in future.

118. TOR rods, plates and structural members will be supplied in quantity, length and size available in the stock. For payment of reinforcement, the steel including plates etc. shall be measured in length of different

diameter, size and specification as actually used (including hooks and cranks) in the work correct to an inch or cm. And their weight calculated as per sectional weight prescribed by the Indian Standard Specification or as directed by the Engineer-in-Charge (Wastage of bars and unnecessary lapping will not be considered for measurement and payment).

119. **Odisha Bridge & Construction Corporation** Ltd. will be allowed price preference up to 3% over the lowest quotation or tender as laid down in Works and Transport Department Resolution No-285 date-17.04.1974. **The Odisha Construction Corporation** will be allowed a price preference to the extent of up to 3% over the lowest tender amount (Where their tender is not the lowest) provided they express willingness to execute the work after reduction of rates by negotiation.

120. The contractor is required to pay royalty to Govt. as fixed from time of time and produce such documents in support of their payment to the concerned Executive Engineer with their bills, falling which the amount towards royalties of different materials as utilised by them in the work will be recovered from their bills and deposited in the revenue of concerned department.

121. **Trial Boring** - The foundation level as indicated in the body of the departmental drawing is purely tentative and for the general guidance only. The Department has no responsibility for the suitability of actual strata at the foundation level. The contractor has to conduct his own boring before starting the work and get the samples tested at his own cost to ascertain the S.B.C. and credibility of the strata at founding level while quoting his rates for tender the contractor shall take in to account of the above aspects.

122. Any defects, shrinkage or other faults which may be noticed within 12 (Twelve) months from the completion of the work arising out of defective or improper materials or workmanship timing are upon the direction of the Engineer- in-Charge to be amended and made good by the contractor at his own cost unless the Engineer for reasons to be recorded in writing shall be decided that they ought to be paid for and in case of default Department may recover from the contractor the cost of making good the works. The contractor is also required to maintain the road/ building for 36 (Thirty six) months from the date of successful completion of the work.

123. From the commencement of the works to the completion of the same, they are to be under the contractors charge. The contractor is to be held responsible to make good all injuries, damages and repairs occasioned or rendered necessary to the same by fire or other causes and they hold the Govt. of Odisha harmless for any claims for injuries to person or structural damage to property happening from any neglect, default, want of proper care or misconduct on the part of the contractor or any one in his employment during the execution of the work. Also no claim shall be entertained for loss due to earthquake, flood, cyclone, epidemic, riot or any other calamity whether natural or incidental damages so caused will have to be made good by the contractor at his own cost.

124. **Gradation of ingredients**: The coarse and fine aggregate shall meet the grade requirement as per the latest provision of relevant I.S. Code / I.R.C. code / MORT&H specifications.

125. Where it will be found necessary by the Department, the Officer-in-Charge of the work shall issue an order book to the contractor to be kept at the site of the work with pages serially numbered. Orders regarding the work whenever necessary are to be entered in this book by the P.W.D. Officer-in-Charge with their dated signatures and duly noted by the contractor or his authorised agents with their dated signature. Orders entered in this book and noted by the contractor's agent shall be considered to have been duly given to the contractor for following the instructions of the Department. The order Book shall be the property of the P.W.D. and shall not be removed from the site of work without written permission of the Engineer (Executive Engineer) and to be submitted to the Engineer-in charge every month.

126. The contractor should attach the certificate in token of payment deposit with the registration authority as per recent circular of the Government relating to his registration.

127. In case of any discrepancy in printing or omissions of statutory specifications or any other part or portion of the approved document during download of the bid document, the decision of the officer inviting the bid will be binding on the bidder.

128. The rates quoted by the contractor shall cover the latest approved rates of labours, materials, P.O.L. and Royalties. Arrangement of borrow areas; land, approach road to the building site etc. are the responsibility of the contractor.

129. The rate for each work of concrete items wherever dewatering is imperatively necessary the term dewatering shall mean the execution or operation of the items due to standing water as well as due to percolation of water. The quoted rates will be inclusive of this.

130. The contractor shall make requisition of claim book from the date of commencement of the work from the Department and shall maintain in proper P.W.D. form with pages serially numbered in order to record items of works are not covered by his contract and claimable as extra. Claims shall be entered regularly in this book under the dated signature of the contractor or his duly authorized agents at the end of each month. A certificate should be furnished along with the claim to the effect that he has no other claim beyond this claim up-to-date. If in any month there are no claims to record, a certificate to that effect should be furnished by the contractor in the claim book. Each claim must be defined and should be given as for as possible regarding the quantities as well as the total amount claimed. The claim book must be submitted by the contractor regularly by 10th and 16th days of each month for orders of the Engineer-in-Charge or competent authority. Claims not made in this manner or the claim book not maintained from the commencement of the work is liable to be summararily rejected. The claim book is the property of the P.W.D. and shall be surrendered by the contractor to the Engineer-in-charge after completion of the work or before recession of the contract by the Department whichever is earlier for record.

131. Number of tests as specified in I.R.C. / MORT&H / I.S.I specification required for the construction of roads / bridges / buildings or any other structural works will be conducted in any Govt. Test House /Departmental laboratories/reputed material testing laboratory as to be decided by the Engineer-in-charge. Testing charges including expenditure for collection / transportation of samples /specimens etc. will be borne by the contractor. The collection of samples and testing are to be conducted for both prior to execution and during execution as may be directed by the Engineer-in-charge and on both the accounts the cost shall be borne by the contractor.

132. The materials, borrow areas and hutments at site should be arranged by the contractor at his own cost. No future complaint on this account shall be entertained.

133. Even qualified criteria are met; the bidders can be disqualified for the following reasons, if enquired by the Department

(a) Making a false statement or declaration.

(b) Past record of poor performance.

(c) Past record of abandoning the work half way/ recession of contract.

(d) Past record of in-ordinate delay in completion of the work.

(e) Past history of litigation.

139. In case the 1st lowest tenderer or even the next lowest tenderers withdraw in series one by one, thereby facilitating a particular tender for award, then they shall be penalized with adequate disincentives with forfeiture of EMD unless adequate justification for such back out is furnished. Appropriate action for black listing the tenderers shall also be taken apart from dis-incentivising the tenderer.

140. The following documents which are not submitted with the Bid will be deemed to be part of the Bid:

Sl. No	Particulars
1	Notice Inviting tender
2	Instruction to the bidder
3	Conditions of contract
4	Contract data
5	Specifications
6	Drawings

141. **Condition for issue of plant & machinery to contractor on hire**: - Tools & plants will be issued to the contractor only if it is desirable in the interest of Govt. works and if these can be spared without inconvenience to the Department. The Sanction of the Chief Engineer shall be necessary in each case. The contractor shall arrange his programme of work according to the availability of the plant & machinery & no claim will be entertained for any delay in supply by the Department.

An agreement shall be entered in to by the contractor to the effect that these hire charges are recoverable from the bills of the contractor regularly and the final payment for the work including refund of security deposit will not be made until the total amount due to the Government on account of hire of machinery etc. is recoverable in full. Full amount of hire charges due from the contractor at any contract at any time shall be recovered from his next subsequent bill. All transit and incidental charges in connection with the despatch of tools and plants and machineries from workshop shed/ deposit return there to, will be borne by the contractor. The hire charge shall be recovered at the prescribed rates from and inclusive of the date, the plant and machinery is made over up to and inclusive of the date of its return, even though the same day it may not have been utilised for any reason except for a major break down which may take more than 72 hours for repairs. The contractor shall immediately intimate in writing to the Engineer–in-charge when any plant or machinery goes out of order requiring major repairs. The hire charges are for clock hours. In case of tar boilers, hot mix plant and any other machinery requiring similar preparation the working hour will include the time required to make up the boiler temperature and bring plant to the operating conditions before the actual start of work. The machine will work in shifts of 8 hours each. Extra charges towards overtime wages of any of the operating and maintenance staff will be leviable. These charges will be fixed by the Engineer-in-charge from time of time. In no case, the tools and plants shall be operated beyond 8 hours in any shift without prior written permission of the Engineer-in-charge.

The contractor shall release the plant and machinery as and when required for periodical servicing and maintenance. He shall also provide for any labour and water source for washing the plants. In the case of Concrete mixtures, pavers and similar such type of equipments, the contractor shall arrange to get the hopper cleaned and the drums etc. washed at the close of work each day. The plant and machinery once issued to a contractor shall not be returned by him on account of lack of arrangement of labour and material etc. on his part. The same will be returned only when they do not require or when in the option of Engineer-in-charge the work or a portion of work for which issued is completed.

The tools and plants shall while in transit and in the custody of contractor be at his sole risk and responsibility for damages and / or loss except fair wear and tear. The damage or loss as assessed by Engineer-in-charge shall be made good by the contractor. In the event of a disagreement as to the extent of damage or the value of article lost, the decision of Chief Engineer shall be final. The contractor shall on or before the supply of plant and machinery sign an agreement in indemnifying the Govt. against loss or damage to the machine. The Contractor shall also be responsible for any claim for compensation for loss of life, injury or damages to

property etc. arising from any cause what-so-ever. The contractor shall provide full time choukidar for guarding the plant and machinery at site.

If the articles are not returned within the date originally specified or extended by the Engineer in charge, in addition to the normal hire charge, a surcharge equal to 10% of the hire charges will be levied for the period that the machinery is not returned. Such period will be treated as working time. In the event of the non-return of the machinery, the full value of the articles at the current market price will be recovered from the contractor's outstanding bills or any bills that may become due in respect of his other work under the state public works Department. The decision of the Chief Engineer shall be final in case of dispute.

FORM OF AGREEMENT – The contractor shall, before taking the possession of the machinery, enter in to an agreement with the Engineer-in-charge or his nominees in the form attached. Log Books for recording the hours of daily works for each of the plant and machinery supplied to the contractor will be maintained by the Department will be attested by the contractor or his authorized agent daily. In case of contractor contests the correctness of the entries and / or fails to sign the logbook, the decision of the Engineer-in-charge shall be final and binding on him. Hire charges will be calculated according to the entries in the logbook and will be binding on the contractor.

AGREEMENT FOR LOANS OF GOVERNMENT TOOLS & PLANTS

This agreement made the …… Two Thousand …… …….between (herein-after referred to as "the hirer" which expression shall unless excluded by or repugnant to the context include his heirs, executors, administrators and assigns) of the one part and the Govt. of Odisha (here in after referred to as the Governor which expression shall unless excluded by or repugnant to the context include his successors in office as assigns) of the other part. Whereas the hirer desirous of hiring the tools and plants of the P.W. Department of the Odisha Govt. and more particularly specified in the schedule here under between here in after referred to as "the tools and plants".

And whereas Government has agreed to let in hire the tools and plants to the hirer on the terms and conditions here in after mentioned.

Now it is here by and between the parties here to as follows:-

a) In consideration of agreement that hire charges be recovered from their bill for work executed on which this machinery will be used or any other than standing in the names of contractors in the book of the Department or any other Government Department. The Govt. agrees to let the hirer tools and plants for the period to be computed from the date of delivery of the tools and plant to the hirer at the P.W. Department workshop / store at **KANDHAMAL.** The rate of higher charges will be as mentioned in the schedule attached.

c) The hirer shall not transfer, assign or sublet or in any way part with the tools and plants or any part there-of without the previous written approval of the Engineer-in-charge

d) On the expiry of the period of the hire, the hirer shall return the tools and plants to the Public Works Department. & Workshop / store at **KANDHAMAL** in the same good condition in which they were received by him.

e) In the event of the tools and plants not being returned on the expiry of the above-mentioned period, the hirer shall without prejudice and any other liability pay to the Government on account equivalent to the rate of hire specified for the working period and an increase of ten percent.

f) The tools and plants shall be open for inspection at all times to the officers of the Government.

g) The hirer shall not operate the tools and plants so hired for more than one shift / two shifts of 8 hours each per day without the prior sanction of the Engineer-in-charge. If the hirer operates the tools and plants beyond the aforesaid limit without the prior sanction of the Assistant Engineer, he shall pay to Government additional hire charges as well as over time charges for staff for such excess operation at the rate approved by the Engineer-in-charge from time to time.

h) In case of breakdown, repairable at the site within a period of three days hire charges as specified in the schedule will be levied except in case of major repairs.

i) Normally the tools and plants will be supplied with operating staff.

j) The hirer shall be responsible for any claims for compensation for loss of life, injury or damage to property etc. arising due to any causes what-so-ever during the period of the machinery is in his charge.

k) All municipal or other dues and taxes payable on account of the use or operation of the tools and plants for the period of hire shall be defrayed by the hirer.

l) The hirer shall make good any loss or damages arising out of causes other than fair wear and tear to the tools and plants during the period of hire. The cost recoverable from the hirer shall be the full replacement value as determined by the Engineer-in-charge .In the event of any loss or damage not being made good by the hirer to the satisfaction of the said Engineer-in-charge the office shall be at liberty to make good himself such loss or damage and recover the cost thereof from the hirer. The hirer shall pay to the Engineer-in-charge such an amount as shall be necessary to make good the loss or damage failing which the same will be recovered from his dues as in case of hire charges.

m) On the breach of any terms or conditions of this agreement by the hirer the Engineer-in-charge shall be entitled to demand the return of tools and plants and the hirer shall return the tools and plants within 72 hours from the date of receipt of such order in writing .In case of failure on the part of the hirer to comply with such order he shall be liable to pay such penalty as may be imposed by the Engineer-in-charge for the period the tools and plant are detained provided that the maximum penalty shall not exceed the cost replacement of the tools and plants .

n) In case of any disputes between the hirer and the Government, the decision of the Chief Engineer shall be final.

o) This agreement shall be operated by the Engineer-in-charge on behalf of the Government and the term Engineer-in-charge shall include all officers duly authorised by him to exercise powers on his behalf.

THE SCHEDULE

Serial No.	Description and Name of the articles	No.	Amount of hire per hour	Remarks

In witness where of the hirer and the Engineer-in-Charge has for and on behalf of the Governor of the State has set their respective hand, the day and the year here in above written.

1. Signed by:

2. Signed sealed and delivered in the presence of

142. The agency will be responsible for traffic management and maintenance of the stretch of the road (for which

the tender has been invited) at his own cost during the period of execution.

143. Even qualified criteria are met; the bidders can be disqualified for the following reasons, if enquired by the Department

(a) Making a false statement or declaration.

(b) Past record of poor performance.

(c) Past record of abandoning the work half way/ recession of contract.

(d) Past record of in-ordinate delay in completion of the work.

(e) Past history of litigation.

144. The information furnished must be sufficient to show that the applicant is capable in all respects to successfully complete the envisaged work.

145. In case the 1st lowest tenderer or even the next lowest tenderers withdraw in series one by one, thereby facilitating a particular tender for award, then they shall be penalized with adequate disincentives with forfeiture of EMD unless adequate justification for such back out is furnished. Appropriate action for black listing the tenderers shall also be taken apart from disincentivising the tenderer.

146.1. **Bid Capacity (Applicable for work costing more than 03 (Three) Crores).**

Applicants who meet the minimum qualification criteria will be qualified only if their available bid capacity at the expected time of bidding is more than the total estimated cost of the works. The available bid capacity will be calculated as under.

Assessed Available Bid Capacity= (A*N*2-B), where

A= Maximum value of works executed in any one year during the last five years (updated to the current price level)rate of inflation may be taken as 10 per cent per year(escalation factor) which will take into account the completed as well as works in progress,

B= Value at current price level of the existing commitments and ongoing works to be completed during the next **fifteen months** (period of completion of works for which bids are invited); and

N= Number of years prescribed for completion of the works for which the bids are invited

(for work completion period less than one year the value may be taken as one year)

Note: In case of a Joint Venture the available bid capacity will be applied for each partner to the extent of his proposed participation in the execution of the works.

The statement showing the value of existing commitments and ongoing works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Engineer-in-Charge not below the rank of an Executive Engineer.

Escalation factor

Following enhancement factors will be used for the costs of works executed and the financial figures to a common base value for works completed in India.

Year before	Multiplying factor
One	**1.10**
Two	**1.21**
Three	**1.33**
Four	**1.46**
Five	**1.61**

(Applicant should indicate actual figures of costs and amounts for the work executed by them without accounting for the above mentioned factors)

In case the financial figures and value of completed works are in foreign currency the above enhanced

multiplying factors will not be applied. Instead current market exchange rate (State Bank of India B.C. selling rate as on the last date of submission of the bid) will be applied for the purpose of conversion of amount in foreign currency into Indian rupees.

Total value of Civil Engineering construction work performed in the **last five years** is to be furnished for which **certificate from Chartered Accountant is to be furnished**.

2016-2017 _____

2017-2018 _____

2018-2019 _____

2019-2020 _____

2020-2021_____

Base year shall be taken as 2021-22

147. ELIGIBILITY CRITERIA FOR QUALIFICATION :

Applicants shall furnish the followings.

a. **R**equired **E.M.D** as per the **Clause No. 2.**

b. **Money Receipt** towards cost of tender paper as per **Table no-1 ,column no-6.**

c. Scanned copy of valid Registration Certificate, Valid GSTclearance certificate, PAN card along with the tender documents and furnish the Original Registration certificate, GST clearance certificate and Pan card, for verification within (3) three days of opening of the tender before **Executive Engineer, ZP, KANDHAMAL** as per **Clause No.20**

d. Information regarding current litigation, debarring / expelling of the applicant or abandonment of work by the applicant in **schedule "E"** and **affidavit to that effect including authentication of tender documents. and Bank guarantee in schedule "F"** as per **Clause No.49.**

e. Deleted

f. Deleted

g. **Experience** in Building works and details of works in progress or contractually committed with Certificates from the concerned Officer of the rank of Executive Engineer or Equivalent.(As per Schedule B and D)

h. Evidence of ownership of major items of construction equipments, named evidence of arrangement of processing them on hire/lease/buying as defined therein. (As per Annexure-III)

i. Details of the technical personnel proposed to be employed for the Contract having the qualifications defined for construction. (As per Schedule G)

j. Submission of original bid security and tender paper cost as prescribed in the relevant clause of DTCN after last date and time of submission of bid before the stipulated date & time for opening of the bid.

k. ***Each bidder should further demonstrate:*** Availability (either owned or leased) of the following key and critical equipments for the work: Based on the studies, carried out by the Engineer the minimum suggested major equipments to attain the completion of works in accordance with the prescribed construction schedule are shown in the Annexure-III, the bidder fails to show the avoidance as regards position of concrete mixture /niddle/plate vaibrators and centering/staging materials of approved material will be for rejection.

N.B. : If required the genuineness of possession of machineries by the bidder will be verified by the concern Executive Engineer)

l. The bidder of higher class than the eligible class of bidder, as per DTCN is requested to upload valid order of Hon'ble court along with the tender document, **failing which the technical bid of the same bidder will not**

be considered.

NOTE: Scanned copies of evidence of all documents to justify Eligibility under the above clauses are to be furnished with the online bid.

NOTE:

LIST OF DOCUMENTS ESSENTIAL AS PER ELIGIBILITY CRITERIA
(TOTAL 10 NOS) (FORM SEHEDULE A TO I)

1. E.M.D. Amount as per Notice.
2. Demand Draft towards Cost of Tender Paper as per Notice.
3. Valid Registration Certificate, Valid GST Clearance Certificate and PAN Card.
4. Deleted.
5. Deleted.
6. Deleted..
7. Deleted
8. Deleted
9. No Relation Certificate in Schedule-A.
10. Affidavit on Authentication of tender documents etc as per Schedule-F.

148. ADDENDUM TO THE CONDITION OF P-1 CONTRACT

Clause-2(a) of P-1 Contract:-TIME CONTROL :- (Vide Works Department Office Memorandum No.24716 dtd.24.12.2005)

Progress of work and Re-scheduling programme.

The Executive Engineer / Engineer-in-Charge shall issue the letter of acceptance to the successful contractor. The issue of the letter of acceptance shall be treated as closure of the Bid process and commencement of the contract.

With in 15 days of issue of the letter of acceptance, the contractor shall submit to the Engineer-in- Charge for approval a Programme showing the general methods, arrangements, and timing for all the activities in the Works along with monthly cash flow forecast.

To ensure good progress during the execution of the work the contractors shall be bound in all cases in which the time allowed for any work exceeds one month to complete, 1/4th of the whole time allowed under the contract has elapsed, ½ of the whole of the work before ½ of the whole time allowed under the contract haselapsed, 3/4th of the whole of the work before 3/4th of the whole time allowed under the contract has elapsed.

If at any time it should appear to the Engineer-in-Charge that the actual process of the work does not conform to the programme to which consent has been given the Contractor shall produce, at the request of the Engineer-in-Charge, a revised programme showing the modifications to such programme necessary to ensure completion of the works within the time for completion. If the contractor does not submit an updated Programme within this period, the Engineer-in-Charge may withhold the amount of 1% of the contract value from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Programme has been submitted.

An update of the Programme shall be a programme showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work including any changes to the sequence of the activities.

The Engineer-in-Charge's approval of the Programme shall not alter the Contractor's obligations. The Contractor may revise the Programme and submit it to the Engineer-in-Charge again at any time. A revised Programme is to show the effect of Variations and Compensation Events.

Extension of the Completion Date.

The time allowed for execution of the works as specified in the Contract data shall be the essence of the Contract. The execution of the works shall commence from the 15th day or such time period as mentioned in letter of Award after the date on which the Engineer-in-Charge issues written orders to commence the work or from the date of handing over of the site whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, Government shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money & performance guarantee / Security deposit absolutely.

As soon as possible after the Agreement is executed, the Contractor shall submit the Time & Progress Chart for each milestone and get it approved by the Department. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in- Charge and the Contractor within the limitations of time imposed in the contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate programme has been agreed upon) complete the work as per milestone given in contract data.

In case of delay occurred due to any of the reasons mentioned below, the Contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavours to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the works.

i) Force majeure, or

ii) Abnormally bad weather, or

iii) Serious loss or damage by fire, or

iv) Civil commotion, local commotion of workmen, strike or lockout affecting any of the trades employed on the work, or.

v) Delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in executing work not forming part of the Contract.

vi) In case a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work and which would cause the Contractor to incur additional cost, or

vii) Any other cause, which, in the absolute discretion of the authority mentioned, in Contract data is beyond the Contractors control.

Request for reschedule and extension of time, to be eligible for consideration, shall be made by the Contractor in writing within fourteen days of the happening of the event causing delay. The Contractor may also, if practicable, indicate in such a request the period for which extension is desired.

In any such case a fair and reasonable extension of time for completion of work may be given. Such extension shall be communicated to the Contractor by the Engineer-in-Charge in writing, within 3 months of the date of receipt of such request. Non-application by the contractor for extension of time shall not be a bar for giving a fair and reasonable extension by the Engineer-in-Charge and this shall be binding on the contractor.

Compensation for Delay.

If the contractor fails to maintain the required progress in terms of clause-2 of P-1 Contract or to complete the work

and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the Government on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below as the Chief Engineer (whose decision in writing shall be final and binding) may decide on the amount of tendered value of the work for every completed day / month (as applicable) that the progress remains below that specified in Clause-2 of P-1 Contract or that the work remains incomplete. This will also apply to items or group of items for which a separate period of completion has been specified. Compensation **@ 1.5%** per month of for delay of work, delay to be completed on per Day basis. Provided always that the total amount of **compensation** for delay to be paid under this condition shall not exceed 10% of the Tendered Value of work or to the Tendered Value of the item or group of items of work for which a separate period of completion is originally given. The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Government. In case, the contractor does not achieve a particular milestone mentioned in contract data, or the rescheduled milestone(s) in terms of Clause-2.5, the amount shown against that milestone shall be withheld, to be adjusted against the compensation levied at the final grant of extension of time. Withholding of this amount on failure to achieve a milestone shall be automatic without any notice to the contractor. However, if the contractor catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the contractor fails to make up for the delay in subsequent milestone(s), amount mentioned against each milestone missed subsequently also shall be withheld. However no interest whatsoever shall be payable on such withheld amount.

Bonus for early completion (Applicable for work costing more than 03 (Three) Crores for road and bridge works).

Amendment to Para 3.5.5 (v) Note – iii of OPWD Code Vol.-I by inclusion

For availing incentive clause in any project which is completed before the stipulated date of completion, subject to other stipulations it is mandatory on the part of the concerned Executive Engineer to report the actual date of completion of the project as soon as possible through FAX or e-mail so that the report is received within 7 days of such completion by the concerned Superintending Engineer, Chief Engineer & the Administrative Department. The incentive for timely completion should be on a graduated scale of one percent to 10 percent of the contract value. Assessment of incentives may be worked out for earlier completion of work in all respect in the following scale.

- Before 30% of the contract period = 10% of contract value.
- Before 20% to 30% of the contract period = 7.5% of contract value.
- Before 10% to 20% of the contract period = 5 % of contract value.
- Before 5% to 10% of the contract period = 2.5% of contract value.
- Before 5% of the contract period = 1% of contract value.

The amount of bonus, if payable shall be paid along with final bill after completion of work.

Management Meetings

Either the Engineer or the Contractor may require the other to attend a management meeting. The business of management meetings shall be to review the plans for remaining work and to deal with matters raised in

accordance with the early warning procedure.

The Engineer shall record the business of management meetings and is to provide copies of his record to those attending the meeting and to the Employer. The responsibility of the parties for actions to be taken to be decided by the Engineer either at the management meeting or after the management meeting and stated in writing to all who attended the meeting.

Clause-2 (b) of Item Rate P-1 Agreement:- Rescission of Contract (Amendment as per letter No.10639 dt. 27.05.2005 of Works Department, Odisha):- To rescind the contract (of which rescission notice in writing to the contractor under the hand of the Executive Engineer shall be conclusive evidence), 20% of the value of left over work will be realized from the contractor as penalty.

149. The tenderers are required to go through each clause of P.W.D. Form **P-1** carefully in addition to the clauses mentioned here in before tendering.

150. A Contractor may be black listed as per amendment made to Appendix XXXIV to OPWD Code Vol.-II on rules for black listing of Contractors vide letter no.3365 dt.01.03.2007 of Works Department, Odisha.

As per said amendment a Contractor may be blacklisted

a) Misbehavior/threatening of Departmental & supervisory officers during execution of work/tendering process.

b) Involvement in any sort of tender fixing.

c) Constant non-achievement of milestones on insufficient and imaginary grounds and non-adherence to quality specifications despite being pointed out.

d) Persistent and intentional violation of important conditions of contract.

e) Security consideration of the State i.e. any action that jeopardizes the security of the State.

f) Submission of false/ fabricated / forged documents for consideration of a tender.

151. The safety certificate of the E.I. work will be furnished by the agencies after getting necessary verification from the electrical inspector / equally competent authority responsible for the work prior to Energisation of the building.

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

i. The Contractor has to mention percentage excess or less over the estimated cost (In figures as well as words) in the prescribed format appended to the tender document.

ii. Contractors participated in the tender for more than one work may offer conditional rebate. Rebate offer submitted in separate sealed envelope shall be opened, declared and recorded first. The rebate so offered shall be considered after opening of all packages called in the same Tender Notice. The Contractors who wish to tender for two or more works shall submit separate tender for each. Each tender shall have the Bid Identification No., Name & Sl. No. of the work (as per IFB) to which they refer, written on the envelope.

iii. Only percentage quoted shall be considered. Percentage quoted by the Contractor should be accurately filled-in figures and words, so that there is no discrepancy.

a. If any discrepancy is found in the percentage quoted in words and figures, then the percentage quoted by the Contractor in words shall be taken as correct

b. If any discrepancy is found in the percentage quoted in percentage excess/ less and the total amount quoted by the Contractor, then percentage will be taken as correct.

c. The percentage quoted in the tender without mentioning excess or less and not supported with the

corresponding amount will be treated as excess.

d. The percentage quoted in the tender without mentioning excess / less supported with corresponding amount does not tally with either to percentage excess or less then it will be treated as percentage excess.

e. The percentage quoted in the tender without mentioning excess / less supported with corresponding amount if tallied with the percentage then it will be treated as to which side the amount tallies.

f. The Contractor will write percentage excess/ less unto one decimal point only. If he writes the percentage excess / less up to two or more decimal points, the first decimal point shall only be considered without rounding off.

g. The tender shall be written legibly and free from erasures, over writings or corrections of figures. Corrections, over writings & interpolations where unavoidable should be made by making out, initialing, dating and rewriting.

iv. In the contract P1 time is the essence. The contractor is required to maintain a certain rate of progress specify in the contract.

v. The quantity mentioned can be increased or reduced to the extent of 10% for individual items subject to a maximum of 5% over the estimated cost. If it exceeds the limit stated above prior approval of competent authority is mandatory before making any payment.

vi. The period of completion is fixed and cannot be altered except in case of exceptional circumstances with due approval of next higher authority.

vii. Bills for percentage rate tenders shall be prepared at the estimated rates for individual items only and the percentage excess or less shall be added or subtracted from the gross amount of the bill.

viii. Cess @ 1% of the agreement cost shall be deducted from contractor bill as per circular of Govt. of Odisha Labour and Employment Department vide letter No 3757/ Dt 25.04.2009.

TECHNICAL SPECIFICATION OF CIVIL PORTION OF WORK

Materials of following specification are to be used in work. The Tenderer are expected to possess and be well conversant with the following IS standard and code of practice.

1.	Cement	Will be as per I.S. 269/255 (However the grade of cement to be selected by the Engineer-in-Charge of work and compressive cube test before commencement of work in each batch).
2.	Steel	I.S. 432 (Plain) and 1786 (Tor)
3.	Vibrator	I.S. 7246
4.	Aggregate	I.S. 383, I.S. 515
5.	Water for mixing and curing	Shall be clean, free from injurious amount of oil, salt, acid, vegetable materials and other substances and harmful to concrete in conformity to I.S. 456 and I.S. 2025.
6.	Sand / Fine Aggregate	I.S. 2116, 383
7.	Binding wire	I.S. 280 (galvanised minimum 1 mm)
8.	Rain water pipe	I.S. 2527
9.	Construction joints	I.S. 3414
10.	Steel Window Frame	I.S. 1038/83
11.	Steel Door Frame	I.S. 4351/75

12.	Fitting & Fixtures for joinery works	Conforming to I.S. 7452/82 strictly conform to I.S. specification and as per direction of Engineer-in-Charge.

Note : For road work (Approach Road) specification as per road and bridges (latest edition) published by I.R.C & M.O.S.T. shall be followed. In case of any doubt and absence of provision, regarding specification I.S. shall be referred (Indian standard).

ITEM OF WORK

1. Concrete shall be with conformity to I.S.456.
2. Foundation shall be with conformity to I.S.1080.
3. Stone masonry (R.R.) shall be with conformity to I.S.1597 (Part-I)
4. C.R. Masonry shall be with conformity to I.S.1597.
5. Brick masonry shall be with conformity to I.S.2212.
6. Cement plastering shall be with conformity to I.S.9103 & 6925.
7. Mortar shall be with conformity to I.S.2250
8. White and colour washing shall be with conformity to I.S.6278.
9. CC in foundation shall be with conformity to I.S.2571.
10. Anti-Termite Treatment shall be with conformity to I.S.6813. (Part – I & Part – II)
11. Painting to all surfaces shall be with conformity to I.S.2395 (Part – I & Part – II)
12. DPC shall be with conformity to I.S.3067
13. Tarfelting treatment shall be with conformity to I.S.1346
14. Mosaic flooring with conformity to I.S.2114
15. Steel painting shall be with conformity to I.S.1477 (Part – I & Part – II) I.S.1661

GENERAL CONDITIONS

1. Drawings & Specifications

The Contractor, after the award of the contract and on signing the agreement shall be furnished free of cost two copies of each of the drawings specifications, descriptive schedules and other details necessary for execution of the work. All further drawings and details as may be prepared by the department from time to time for reasonable development of the work described in the contract documents and reasonably necessary to explain and amplify the contract drawings and to enable the contractor to execute and complete the work shall also be supplied in duplicate to contractor free of cost.

Any further copies of such drawings, required by the contractor shall be paid for by him. The contractor shall keep one copy of all the drawings specifications, price schedule of items and quantities at work site and the Engineer-in-charge or his authorised representative shall at all reasonable times have access to the same.

2. Contractor's Responsibility.

a The contractor shall provide at his cost everything necessary for the proper execution of the works according to the intend and meaning of the drawings, schedule of items and quantities and specifications taken together, if the same is not particularly shown or described therein, provided that the same can reasonably be inferred there from, tf the Contractor finds any discrepancy in the drawings or between the drawing and schedule of

quantities and specifications, he shall .immediately in writing refer the same to the Engineer-in-charge whose decision shall be final & binding.

b) Any work done at any time or even before receipt of such details shall be removed/replaced by the contractor without any expense to the department If the work is not in order and if so directed by the Engineer-in-charge error inconsistencies in drawings and local conditions affecting the works shall be brought to the notice of the Engineer-in-charge immediately for his decision All drawings, bill of quantities and specifications and copies therefore furnished by the department, are their property. They shall not be used on any other work and shall be returned to the Department on request on completion and before issue of final certificate or termination of the contract.

c) All materials and workmanship shall be of the respect kinds described in the specification. B.O.Q, contract and in accordance with the instruction of the Engineer-in-charge. The contractor must satisfy himself about the same while furnishing samples for approval of the Engineer-in- charge before incorporation in the works.

d) The Engineer-in-charge may from time to time cause at his discretion such tests on samples of materials or workmanship of all/any materials and work, as he may consider necessary at places of manufacture, fabrication, on the site or at such other places. The expenditure incurred for all such tests shall be borne by the contractor.

e) All approved samples are to be preserved by the contractor in a regular manner in the site office for inspection and verification of the Engineer-in-charge or his representative from time to time.

g) Alteration / Addition & Omissions

The Engineer-in-charge shall make any variation of the form, quality or quantity of the works or any part thereof that may be in his opinion be necessary and for that purpose or if for any, other reason it shall, in his opinion be desirable, he shall have power to order the Contractor to do so and the Contractor shall do any or allot followings : .

a) Increase or decrease the quantity of any work included in the contract.

b) Omit any such work.

c) Change the levels, lines, position and dimensions of any part of the works, and

d) Execution of additional works of any kind necessary for completion of the work shall be done as required. No such variation in any way shall be made without prior approval of the competent authority which does not invalidate the contract, but the value of all such variations shall be taken into account and shall be added to or deducted from the contract sum accordingly.

e) The Schedule of quantities/rates shall be deemed to have been prepared and included in accordance with the method of measurement of work set out and as per the relevant specifications or in its absence relevant I.S. code of practice Any error in the specification or in quantity or omission of any item from the schedule of quantities/ rates shall not vitiate the contract, but he adjusted by adding to or deduction from the contract sum provided that no rectification of errors, if any, shall be allowed in the contract schedule of rates.

4. Valuation of variations

a) All extra or additional work done or work omitted shall be valued at the rates and price set out in the prices schedule of quantities, and/or derived there-from, if in arriving at the contract sum, the Contractor have added to or deducted from the total of the items in the tender any sum either as a percentage or proportion, then the same percentage of proportion shall apply to all. items or works in the prices schedule as also for valuation of variation.

b) If the contract does not contain any rate or price applicable to the extra or additional work, or the rate or price in the priced schedule of quantities has become inapplicable in the opinion of the Engineer-in-charge by virtues of such addition or omission, then suitable rates or price shall be agreed such rates shall be derived by analysis based on standard schedule of rates of State P.W.D. / P.H.D or in case such is not available therein, form any approved schedule with the various elements valued at local market price plus 15 (fifteen) percent towards over-heads.

5. The Offers are also to include

a) To supply all materials, labour, supervision, services, supports, scaffoldings, approach road, construction equipments, tools and plants etc., as required for proper execution of all the items of the work as per drawing and specification.
b) To provide all incidental items not shown or specified in particular, but reasonable or necessary for successful completion of the work in accordance with the drawings, specifications and schedule of quantities.
c) Cleaning, Uprooting the stumps, vegetation and old masonry etc., met in the trenches and excavations.
d) Providing shoring and shuttering to avoid sliding of the soils and removal of the same or completion.
e) De-watering as required and directed.
f) Excavation at all depths (Unless otherwise mentioned in schedule), stacking separately usable and disposal of surface earth and materials away from site as directed.
g) Curing of ail concrete and cement works as per specification and direction,
h) Centering, shuttering as required for all concrete work.
i) Bending, binding, tying the grill & placing in position, including supply of all materials & labour etc.
|) To provide water and power required for construction testing and commissioning,
k) Testing of materials and works as per specification and direction.

SCHEDULE - C

Annexure- I

List of Plants & Equipments to be deployed on contract work

Sl. No	Type of Equipments	No. of machines required	Marks
1	Concrete mixer	1 Nos	
2	Concrete Vibrator : Plate type	1 No	
3	Concrete Vibrator : Needle type	0 No	
4	Water Tanker	1 No	
5	Water pump	0 No	
6	Truck/ Tipper	0 No	
7	Tractor	1No	
8.	Rigid Centering and Shuttering Plates (Steel/Iron)	Minimum area 200 Sft.	
		Total	

SCHEDULE – A

CERTIFICATE OF NO RELATIONSHIP

I/We hereby certify that I/We* am/are* **related / not related**(*) to any officer of P.W.D of the rank of Assistant Engineer & above and any officer of the rank of Assistant / Under Secretary and above of the Works Department, Govt. of Odisha I/We* am/are* aware that, if the facts subsequently proved to be false, my/our* contract will be rescinded with forfeiture of E.M.D and security deposit and I/We* shall be liable to make good the loss or damage resulting from such cancellation.

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

(*) - Strike out which is not applicable

Signature of the Tenderer
Date:-

SCHEUDLE – C

CERTIFICATE OF TOOLS AND PLANTS

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

(i)

(ii)

(i)

(ii)

(iii)

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

Signature of the Tenderer
Date.

SCHEDULE – E

INFORMATION REGARDING CURRENT LITIGATION, DEBARRING EXPELLING OF TENDERER OR ABANDONMENT OF WORK BY THE TENDERER

1.	a) Is the tenderer currently involved in any litigation relating to the works.	Yes / No
	b) If yes: give details:	
2.	a) Has the tenderer or any of its constituent partners been debarred/ expelled by any agency in India during the last 5 years.	Yes / No
3.	a) Has the tenderer or any of its constituent partners failed to perform on any contract work in India during the last 5 years.	Yes / No
	b) If yes, give details:	

Note:

If any information in this schedule is found to be incorrect or concealed, qualification application will summarily be rejected.

Signature of Tenderers

SCHEDULE – F

AFFIDAVIT

1. The undersigned do hereby certify that all the statements made in the required attachments are true and correct.
2. The undersigned also hereby certifies that neither my / our firm / company / individuals_____ _____ nor any of its constituent partners have abandoned any road/ bridge/Irrigation /Buildings or other project work in India nor any contract awarded to us for such works have been rescinded during the last five years prior to the date of this bid.
3. The undersigned hereby authorise(s) and request(s) any bank, person, firm or Corporation to furnish pertinent information as deemed necessary and as requested by the Department to verify this statement or regarding my (our) competency and general reputation.
4. The undersigned understands and agrees that further qualifying information may be requested and agree to furnish any such information at the request of the Department.
5. The undersigned undertake that in case of any information furnished by me found to be incorrect, the Government has right to reject the Bid.

(Signature of Tenderer)

Title of Officer

Name of Firm

Date

SCHEDULE – G

CERTIFICATE OF EMPLOYMENT OF UNEMPLOYED GRADUATE ENGINEER / DIPLOMA HOLDERS

(For Super Class / Special Class / 'A' Class Contractors only)

I / We hereby certify that at present, the following Engineering personnel are working with me / in our firm / company and their bio-data are furnished below.

Sl. No.	Name of Engineering personnel appointed for supervising contractor's workwith address	Qualification	Date of Appointment	Monthly emolument	Whether full time engagement and continuous	If they are superannuated / retired / dismissed or removed personnel from state Govt./ Central Govt. / Public Sector Undertaking / private Companies and s orany one ineligible for Government service
1	2	3	4	5	6	7

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

Signature of the Tenderer.
Date.

SCHEDULE – I

SAMPLE FORMATS

UNDER TAKING

This is to certify that

1. My firm has neither been associated, directly or indirectly, with the Consultant or with any other entity that has prepared the design, specifications, and other documents for the Project nor has any person associated with been proposed as Project Manager for the Contract.

2. My firm has not engaged any agency and any of its affiliates engaged by the Engineer-in-Charge to provide consulting services for the preparation or supervision of this work.

3. My firm has not engaged any Engineer of gazetted rank employed in Engineering or Administrative duties in an Engineering Department of the Government of Odisha or other gazetted officer retired from Government service during last two years without prior permission of the Government of Odisha in writing on or before submission of this tender. I am aware that my contract is liable to be cancelled if either I or any of my employees is found any time to be such a person who had not obtained the permission of the Government of Odisha as aforesaid.

Signature of the Tenderer.
Date:-

Note: i. Strike out whichever is not applicable

ii. In case any person is under his employment with due permission from Government, the same may be cited in a separate letter.

APPROVED FOR 42 (Forty Two) pages only

Sd/-
Block Development Officer **Chakapad**

I M/S.....class Contractor here by quoted my rate at….....% Less / Excess over schedule rate .

Signature of the Contractor.

PERMANENT ADDRESS of the Contractor:

PHONE NUMBER :

TO BE FILLED UP BY THE OFFICE AT THE TIME OF OPENING OF THE TENDER

1. EM deposited :
2. PAN card
3. Valid GST clearance certificate
4. Cost of Tender Paper in case of downloading from the Internet
5. Additional Performance Security
6. No relation certificate.

Signature of the Contractor.

Block Development Officer,
Chakapad Block

Tender Schedule for :- Repair and renovation of statistical Building at Chakapad Block (Bastingia)

Estimated cost = Rs.1203634

BILL OF QUANTITY

Sl. No.	Items	Unit	Quantity	Rate	Amount
1	Earthwork in excavation of foundation & plinth in hard soil mixed with gravels including dressing and levelling the bed up to the required depth & removing the excavated earth & depositing the same away from the work site within initial lead of 50 mtr & initial lift of 1.5 mtr, including cost of labour T&P articles required for the work including shoring, shuttering, propping & dewatering if required, etc. complete in all respect as per the specification & direction of the Engineer-in-Charge.	cum	56.36	220.01	12400.00
2	Supplying and filling foundation trenches and plinth, ditches with sand well watered and rammed in layers not exceed 23.5cm(9") in depth with all lead and lift inclujding cost, conveyance, loading, unloading, royalities and taxes of all materials, cost of all labour, sundries, T&P required for the work etc complete in all respect as per direction by the Engineer -in- Charge	Cum	22.27	693.43	15441.00
4	Providing and laying plain cement concrete of proportion (1:3:6) in foundation and floors using 4 cm. size black hand broken granite stone metal and screened and washed sharp sand for mortar of approved quality and from approved quarry including hoisting, lowering, laying concrete, ramming, watering and curing etc. complete to required levels laid in layers not exceeding 15 cm. thick in each layer including cost, conveyance, royalties, taxes of all materials and cost of all labours, T&P etc required for the work including shoring, shuttering and dewatering if required including hire & running charges of all machineries required for the work etc complete as per the direction of the Engineer -in –charge	Cum	29.47	5880.01	173264.00
5	Cement Concrete(1:2:4) with 12mm size CBG chips and screened and washed sharp sand for mortar of approved quality and from approved quarry including hoisting, lowering, laying concrete, ramming, watering and curing etc. complete to required levels laid in layers not exceeding 15 cm. thick in each layer including cost, conveyance, royalties, taxes of all materials and cost of all labours, T&P etc required for the work including shoring, shuttering and dewatering if required including hire & running charges of all machineries required for the work etc complete as per the direction	Cum	24.08	8453.37	203535.00
6	Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantaling then after casting including cost of materials etc. complete. For Foundation and mass cocrete.	sqm	50.21	248.67	12486.00
7	Brick Masonry work with Fly Ash brick of size 23 cm. x 11 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:6) with screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in superstructure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge (F & P)	Cum	18.31	5987.02	109618.00

8	Brick Masonry work with Fly Ash brick of size 23 cm. x 11 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement (mortar of mix (1:6) with screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in superstructure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge.(s s)	Cum	34.42	6020.35	207204.00
9	R.C.C (M 20) using 20 mm and down graded H.G crusher broken chips of approved quality and from approved quarry including hoisting, lowering, laying concrete, ramming, watering and curing etc. complete and cost, conveyance royalties and taxes of all materials, labour and T&P required for the work etc complete as directed by Engineer – in- charge.	Cum	4.13	7221.33	29851.00
10	Providing, Cutting, straightening coiled or bent up Fe-415 grade steel welding or jointing if necessary, bending, binding, tying the grills as required for RCC works, and hoisting, lowering and placing in proper position according to approved designs and drawings including cost, conveyance, loading, unloading, taxes of M.S. rods, Fe-415 or equivalent and binding wires of 18 to 20 gauge required for the work and cost of all labour, sundries, T&P and scaffolding complete in all respect as directed by the Engineer-in-Charge (payment will be made according to the actual weight of M.S. rod, Fe-415 or equivalent consumed in the work and no separate payment will be made towards weight of binding wires which is to be borne by the contractor at his own cost) as per the direction of	Cum	3.93	8137.12	31955.00
11	Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantaling then after casting including cost of materials etc. complete. For Foundation and mass cocrete.				
12	RCC Column	sqm	3.68	1445.39	5323.00
14	Labour for Supplying fitting and fixing of M.S grills, MS door, M.S gates, shutters of approved quality and design to windows and openings and stair case railing and parapet railing etc made of M.S flat, Angle, sheets in proper position including making holes in walls RCC structure and wood work etc and making good to the damages to walls or R.C.C. structure including mending or cutting to sizes or grooved in walls and fixing with R.C.C.(1:2:4) with hard black broken granite stone chips of 12mm to 20mm (1/2" to ¾")(20mm not to exceed 25%) with cost and conveyance of all materials, labour taxes and royalties with all T&P etc. complete. In all floors.	sqm	13.38	180.97	2421.00
15	Cost for M.S grills, MS door, M.S gates, shutters of approved quality and design to windows and openings and stair case railing and parapet railing etc made of M.S flat, Angle, sheets in proper position including making holes in walls RCC structure and wood work etc and making good to the damages to walls or R.C.C. structure including mending or cutting to sizes or grooved in walls and fixing with R.C.C.(1:2:4) with hard black broken granite stone chips of 12mm to 20mm (1/2" to ¾")(20mm not to exceed 25%) with cost and conveyance of all materials, labour taxes and royalties with all T&P etc. complete. In all floors.	sqm	468.22	120.00	56186.00

16	Providing 12mm thick cement plaster to the outside surface of brick masonry wall with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and levels as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per direction of the Engineer-in-charge	Sqm	170.27	183.52	31249.00
17	Providing 16mm thick cement plaster to the inside surface of Brick masonary work with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and level as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.	Sqm	170.27	268.69	45752.00
18	Priming one coat on plastered surfaces to receive weather coat with wall cement water bound primer including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.	Sqm	340.55	82.58	28124.00
19	Finishing walls with weather coat two coats with any approved shade excluding cost of materials etc com.including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.	Sqm	527.28	101.01	53260.00
20	Cost of Primer .including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.	Sqm	62.70	187.66	11765.00
21	painting two coats to wall with Plastic emulation paint of approved shade on new work to give an even shade including cost of paint all labour, scaffolding, sundries, brushes and T&P etc. complete as per specification and direction of the Engineer-in-charge..	Sqm	73.52	294.22	21633.00
22	Painting 2 coats over 1 coat priming for iron work. including cost of paint all labour, scaffolding, sundries, brushes and T&P etc. complete as per specification and direction of the Engineer-in-charge..	Sqm	72.14	182.99	13201.00
23	Cost of Redoxide Primer including cost of paint all labour, scaffolding, sundries, brushes and T&P etc. complete as per specification and direction of the Engineer-in-charge..	Sqm	1.63	182.99	297.00
24	Cost of Enamel Paint	Sqm	9.02	294.22	2653.00
25	Removing grading plaster from roof slab,cleaning the surface,lowering and removing the debris within 50m.lead.	Sqm	84.51	90.32	7633.00
26	Dismentalling & removing 2.5cm AS flooring including stacking the useful materials for reuse & removing the debris within 50m. lead.	Sqm	22.25	116.54	2593.00
27	Providing 20mm thick grading cement plaster over roof slab with cement mortar (1:4) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and level as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.	Sqm	84.51	368.17	31114.00

28	Supplying, fitting & fixing tile in floors of size 600mm x 600mm of approved make conforming to IS : 13755 laid on 20mm thick CM.(1:4) & filling joints with white cement of approved quality including cost of all materials, labour T&P etc required fro the work all complete as per direction of Engineer-in-charge.(for new work only)	Sqm	23.41	859.89	20131.00
29	Supply,Fixing Vitrified tiles in dados ,of size 600x600mm of approved make confirming to is:13755 laid on 12 mm thick bed of cement mortar(1:3)jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing &polishing compl. Including cost of Precast tiles (vide A.R-2006 item 17,P-90)	Sqm	3.64	1042.45	3793.00
30	Cost of Vetrified tiles	Sqm	18.60	660.68	12286.00
31	Cost of Chequred Tiles	Sqm	8.45	264.35	2235.00
32	Finishing wall surface of walls with Acrylic wall putty (Water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P for 2 coats etc complete	Sqm	247.65	97.95	24257.00
33	painting two coats to wall with Plastic emulation paint of approved shade on new work to give an even shade including cost of paint all labour, scaffolding, sundries, brushes and T&P etc. complete as per specification and direction of the Engineer-in-charge..	Sqm	247.65	108.93	26976.00
34	Cost of citizen information board of brick masonry finished for painting, lettering required information including all cost of materials, labour, paint etc complete as per direction of the Engineer-in-charge				5000.00
				Rs	1203634.00

(Thirty four items) Only

(Rupees Twelve lakh three thousand six hundred thirty four)Only

Asst Engineer
Chakapad Block

Asst. Executive Engineer
Chakapad Block

Block Development Officer
Chakapad Block

Technically Sanctioned for Rs 1203634/- (Rupees Twelve lakh three thousand six hundred thirty for) only.

Administrative Approved for Rs 1203634/- (Rupees Twelve lakh three thousand six hundred thirty for) only

Tender Schedule for :- Construction of office Building of LAMPCS at Chakapad under Chakapad Block

Estimated cost = Rs. 14,03,352/-

BILL OF QUANTITY

Sl. No.	Items	Unit	Quantity	Rate	Amount
1	Earthwork in excavation of foundation & plinth in hard soil mixed with gravels including dressing and levelling the bed up to the required depth & removing the excavated earth & depositing the same away from the work site within initial lead of 50 mtr & initial lift of 1.5 mtr, including cost of labour T&P articles required for the work including shoring, shuttering, propping & dewatering if required, etc. complete in all respect as per the specification & direction of the Engineer-in-Charge.	cum	43.58	276.89	12067.00
2	Supplying and filling foundation trenches and plinth, ditches with sand well watered and rammed in layers not exceed 23.5cm(9") in depth with all lead and lift inclujding cost, conveyance, loading, unloading, royalities and taxes of all materials, cost of all labour, sundries, T&P required for the work etc complete in all respect as per direction by the Engineer -in- Charge	Cum	17.21	627.68	10802.00
3	Providing and laying plain cement concrete of proportion (1:3:6) in foundation and floors using 4 cm. size black hand broken granite stone metal and screened and washed sharp sand for mortar of approved quality and from approved quarry including hoisting, lowering, laying concrete, ramming, watering and curing etc. complete to required levels laid in layers not exceeding 15 cm. thick in each layer including cost, conveyance, royalties, taxes of all materials and cost of all labours, T&P etc required for the work including shoring, shuttering and dewatering if required including hire & running charges of all machineries required for the work etc complete as per the direction of the Engineer -in –charge	Cum	22.16	5880.01	130301.00
4	Brick Masonry work with Fly Ash brick of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:6) with screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in superstructure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge.	Cum	27.02	6025.35	162805.00
5	Brick Masonry work with Fly Ash brick of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:4) with screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in superstructure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge.	Cum	0.32	6272.48	2007.00

6	R.C.C (M 20) using 20 mm and down graded H.G crusher broken chips of approved quality and from approved quarry including hoisting, lowering, laying concrete, ramming, watering and curing etc. complete and cost, conveyance royalties and taxes of all materials, labour and T&P required for the work etc complete as directed by Engineer – in- charge.	Cum	21.76	7196.24	156590.00
7	Providing, Cutting, straightening coiled or bent up Fe-415 grade steel welding or jointing if necessary, bending, binding, tying the grills as required for RCC works, and hoisting, lowering and placing in proper position according to approved designs and drawings including cost, conveyance, loading, unloading, taxes of M.S. rods, Fe-415 or equivalent and binding wires of 18 to 20 gauge required for the work and cost of all labour, sundries, T&P and scaffolding complete in all respect as directed by the Engineer-in-Charge (payment will be made according to the actual weight of M.S. rod, Fe-415 or equivalent consumed in the work and no separate payment will be made towards weight of binding wires which is to be borne by the contractor at his own cost) as per the direction of Engineer-in-charge.	Qntl	23.89	8137.12	194396.00
8	Provision for regid smooth centering and shuttering for RCC work and dismanteling them after castiong				
A	Column Base/plinth Beam	Sqm	30.04	248.67	7470.00
B	Column / Beam	Sqm	59.51	1204.49	71679.00
C	Lintel	Sqm	13.56	574.03	7786.00
D	Roof Slab/chajja	Sqm	71.83	762.37	54758.00
9	Providing 20mm thick grading cement plaster over roof slab with cement mortar (1:4) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and level as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.	Sqm	51.32	305.38	15672.00
10	Providing 6 mm thick cement plaster to the celling surface with cement mortar (1:4) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and levels as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per direction of the Engineer-in-charge	Sqm	46.79	216.39	10125.00
11	Providing 16mm thick cement plaster to the inside surface of Brick masonary work with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and level as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.	Sqm	120.55	268.69	32391.00

12	Providing 12mm thick cement plaster to the outside surface of brick masonry wall with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and levels as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per direction of the Engineer-in-charge	Sqm	94.18	183.52	17284.00
13	Supplying fitting and fixing of M.S grills, MS door, M.S gates, shutters of approved quality and design to windows and openings and stair case railing and parapet railing etc made of M.S flat, Angle, sheets in proper position including making holes in walls RCC structure and wood work etc and making good to the damages to walls or R.C.C. structure including mending or cutting to sizes or grooved in walls and fixing with R.C.C.(1:2:4) with hard black broken granite stone chips of 12mm to 20mm (1/2" to ¾")(20mm not to exceed 25%) with cost and conveyance of all materials, labour taxes and royalties with all T&P etc. complete. In all floors.	Kg	547.50	126.00	68985.00
14	Supplying fitting &fixing of PVC Door including all cost of materials, labour etc complete as per direction of the Engineer in charge.	Each	1	5500.00	5500.00
15	Supply,Fixing Vitrified tiles in dados ,of size 600x600mm of approved make confirming to is:13755 laid on 12 mm thick bed of cement mortar(1:3)jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing &polishing compl. Including cost of Precast tiles (vide A.R-2006 item 17,P-90)	Sqm	4.91	1762.02	8652.00
16	Supplying, fitting & fixing tile in floors of size 600mm x 600mm of approved make conforming to IS : 13755 laid on 20mm thick CM.(1:4) & filling joints with white cement of approved quality including cost of all materials, labour T&P etc required fro the work all complete as per direction of Engineer-in-charge.(for new work only)	Sqm	36.27	1158.46	42017.00
17	Supplying, fitting and fixing Chequired tiles of size 300mmx300mm 8mm to 10mm thickness of Marbonite or equivalent made in floors or Treads in 25mm thick Bed of CM (1:1) jointing with neat and cement slushy mixed with pigment to match the shade of the tiles etc complete with all cost, conveyance, taxes of all materials, labour, T&P etc required for the work complete in all respect.	Sqm	10.68	1135.15	12123.00
18	Providing, fitting and fixing of pre cast glazed ceramic wall tiles of approved quality, thickness and sizes in dadoes skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including finished smooth, watering, curing with cost conveyance, royalties taxes of all materials, all labour, T&P required for the work etc. complete in all respect as per the direction of Engineer .in-charge.	Sqm	15.93	1469.67	23412.00
19	Painting two coats with any approved enamel paint over a coat of red oxide primer to Door & Window including cost of paint, primer sand papering polishing the surface with cost conveyance taxes of all materials and labour with T&P required for the work etc. complete in all respect.	Sqm	33.23	265.62	8827.00

20	Priming one coat on plastered surfaces to receive weather coat with wall cement water bound primer including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.	Sqm	240.84	82.58	19889.00
21	painting two coats to wall with Plastic emulation paint of approved shade on new work to give an even shade including cost of paint all labour, scaffolding, sundries, brushes and T&P etc. complete as per specification and direction of the Engineer in-charge..	Sqm	240.84	108.93	26235.00
22	Labour charge for fitting and fixing of MS Door/Window in proper position including all cost of materials, labour etc complete as per direction of the Engineer in charge.	Sqm	13.66	70.10	958.00
23	Cost of citizen information board of brick masonry finished for painting, lettering required information including all cost of materials, labour, paint etc complete as per direction of the Engineer in charge.				5000.00
	Total =			**Rs**	**1107731.00**

Technically Sanctioned for Rs 1107731/- (Rupees Eleven lakh Seven thousand Seven hundred thirty one) only

Administrative approved for Rs 1107731/- (Rupees Eleven lakh Seven thousand Seven hundred thirty one) only

25/11/25

Assistant Engineer
Chakapad Block

Asst. Executive Engineer
Chakapad Block

Block Development Officer
Chakapad

Tender Schedule for :- Construction of office Building of LAMPCS at Brahmanpad under Chakpad Block

Estimated cost = Rs.14,03,352/-

BILL OF QUANTITY

Sl. No.	Items	Unit	Quantity	Rate	Amount
1	Earthwork in excavation of foundation & plinth in hard soil mixed with gravels including dressing and levelling the bed up to the required depth & removing the excavated earth & depositing the same away from the work site within initial lead of 50 mtr & initial lift of 1.5 mtr, including cost of labour T&P articles required for the work including shoring, shuttering, propping & dewatering if required, etc. complete in all respect as per the specification & direction of the Engineer-in-Charge.	cum	43.58	276.89	12067.00
2	Supplying and filling foundation trenches and plinth, ditches with sand well watered and rammed in layers not exceed 23.5cm(9") in depth with all lead and lift inclujding cost, conveyance, loading, unloading, royalities and taxes of all materials, cost of all labour, sundries, T&P required for the work etc complete in all respect as per direction by the Engineer -in- Charge	Cum	17.21	627.68	10802.00
3	Providing and laying plain cement concrete of proportion (1:3:6) in foundation and floors using 4 cm. size black hand broken granite stone metal and screened and washed sharp sand for mortar of approved quality and from approved quarry including hoisting, lowering, laying concrete, ramming, watering and curing etc. complete to required levels laid in layers not exceeding 15 cm. thick in each layer including cost, conveyance, royalties, taxes of all materials and cost of all labours, T&P etc required for the work including shoring, shuttering and dewatering if required including hire & running charges of all machineries required for the work etc complete as per the direction of the Engineer -in –charge	Cum	22.16	5880.01	130301.00
4	Brick Masonry work with Fly Ash brick of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:6) with screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in superstructure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge.	Cum	27.02	6025.35	162805.00
5	Brick Masonry work with Fly Ash brick of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:4) with screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in superstructure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge.	Cum	0.32	6272.48	2007.00

6	R.C.C (M 20) using 20 mm and down graded H.G crusher broken chips of approved quality and from approved quarry including hoisting, lowering, laying concrete, ramming, watering and curing etc. complete and cost, conveyance royalties and taxes of all materials, labour and T&P required for the work etc complete as directed by Engineer – in- charge.	Cum	21.76	7196.24	156590.00
7	Providing, Cutting, straightening coiled or bent up Fe-415 grade steel welding or jointing if necessary, bending, binding, tying the grills as required for RCC works, and hoisting, lowering and placing in proper position according to approved designs and drawings including cost, conveyance, loading, unloading, taxes of M.S. rods, Fe-415 or equivalent and binding wires of 18 to 20 gauge required for the work and cost of all labour, sundries, T&P and scaffolding complete in all respect as directed by the Engineer-in-Charge (payment will be made according to the actual weight of M.S. rod, Fe-415 or equivalent consumed in the work and no separate payment will be made towards weight of binding wires which is to be borne by the contractor at his own cost) as per the direction of Engineer-in-charge.	Qntl	23.89	8137.12	194396.00
8	Provision for regid smooth centering and shuttering for RCC work and dismanteling them after castiong				
A	Column Base/plinth Beam	Sqm	30.04	248.67	7470.00
B	Column / Beam	Sqm	59.51	1204.49	71679.00
C	Lintel	Sqm	13.56	574.03	7786.00
D	Roof Slab/chajja	Sqm	71.83	762.37	54758.00
9	Providing 20mm thick grading cement plaster over roof slab with cement mortar (1:4) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and level as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.	Sqm	51.32	305.38	15672.00
10	Providing 6 mm thick cement plaster to the celling surface with cement mortar (1:4) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and levels as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per direction of the Engineer-in-charge	Sqm	46.79	216.39	10125.00
11	Providing 16mm thick cement plaster to the inside surface of Brick masonary work with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and level as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.	Sqm	120.55	268.69	32391.00

12	Providing 12mm thick cement plaster to the outside surface of brick masonry wall with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and levels as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per direction of the Engineer-in-charge	Sqm	94.18	183.52	17284.00
13	Supplying fitting and fixing of M.S grills, MS door, M.S gates, shutters of approved quality and design to windows and openings and stair case railing and parapet railing etc made of M.S flat, Angle, sheets in proper position including making holes in walls RCC structure and wood work etc and making good to the damages to walls or R.C.C. structure including mending or cutting to sizes or grooved in walls and fixing with R.C.C.(1:2:4) with hard black broken granite stone chips of 12mm to 20mm (1/2" to ¾")(20mm not to exceed 25%) with cost and conveyance of all materials, labour taxes and royalties with all T&P etc. complete. In all floors.	Kg	547.50	126.00	68985.00
14	Supplying fitting &fixing of PVC Door including all cost of materials, labour etc complete as per direction of the Engineer in charge.	Each	1	5500.00	5500.00
15	Supply,Fixing Vitrified tiles in dados ,of size 600x600mm of approved make confirming to is:13755 laid on 12 mm thick bed of cement mortar(1:3)jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing &polishing compl. Including cost of Precast tiles (vide A.R-2006 item 17,P-90)	Sqm	4.91	1762.02	8652.00
16	Supplying, fitting & fixing tile in floors of size 600mm x 600mm of approved make conforming to IS : 13755 laid on 20mm thick CM.(1:4) & filling joints with white cement of approved quality including cost of all materials, labour T&P etc required fro the work all complete as per direction of Engineer-in-charge.(for new work only)	Sqm	36.27	1158.46	42017.00
17	Supplying, fitting and fixing Chequired tiles of size 300mmx300mm 8mm to 10mm thickness of Marbonite or equivalent made in floors or Treads in 25mm thick Bed of CM (1:1) jointing with neat and cement slushy mixed with pigment to match the shade of the tiles etc complete with all cost, conveyance, taxes of all materials, labour, T&P etc required for the work complete in all respect.	Sqm	10.68	1135.15	12123.00
18	Providing, fitting and fixing of pre cast glazed ceramic wall tiles of approved quality, thickness and sizes in dadoes skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including finished smooth, watering, curing with cost conveyance, royalties taxes of all materials, all labour, T&P required for the work etc. complete in all respect as per the direction of Engineer .in-charge.	Sqm	15.93	1469.67	23412.00
19	Painting two coats with any approved enamel paint over a coat of red oxide primer to Door & Window including cost of paint, primer sand papering polishing the surface with cost conveyance taxes of all materials and labour with T&P required for the work etc. complete in all respect.	Sqm	33.23	265.62	8827.00

20	Priming one coat on plastered surfaces to receive weather coat with wall cement water bound primer including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.	Sqm	240.84	82.58	19889.00
21	painting two coats to wall with Plastic emulation paint of approved shade on new work to give an even shade including cost of paint all labour, scaffolding, sundries, brushes and T&P etc. complete as per specification and direction of the Engineer in-charge..	Sqm	240.84	108.93	26235.00
22	Labour charge for fitting and fixing of MS Door/Window in proper position including all cost of materials, labour etc complete as per direction of the Engineer in charge.	Sqm	13.66	70.10	958.00
23	Cost of citizen information board of brick masonry finished for painting, lettering required information including all cost of materials, labour, paint etc complete as per direction of the Engineer in charge.				5000.00
	Total =			**Rs**	**1107731.00**

Technically Sanctioned for Rs 1107731/- (Rupees Eleven lakh Seven thousand Seven hundred thirty) only

Administratively Approved for Rs 1107731/- (Rupees Eleven lakh Seven thousand Seven hundred thirty one) only

25/11/25

Junior Engineer
Chakapad Block

Asst. Executive Engineer
Chakapad Block

Block Development Officer
Chakapad

ender Schedule for :- Construction of office Building of LAMPCS at Kusumendi

ted cost = Rs.1107731/-

BILL OF QUANTITY

Items	Unit	Quantity	Rate	Amount
rthwork in excavation of foundation & plinth in hard soil xed with gravels including dressing and levelling the bed up the required depth & removing the excavated earth & positing the same away from the work site within initial lead 50 mtr & initial lift of 1.5 mtr, including cost of labour T&P ticles required for the work including shoring, shuttering, opping & dewatering if required, etc. complete in all respect s per the specification & direction of the Engineer-in-Charge.	cum	43.58	276.89	12067.00
upplying and filling foundation trenches and plinth, ditches ith sand well watered and rammed in layers not exceed 3.5cm(9") in depth with all lead and lift inclujding cost, onveyance, loading, unloading, royalities and taxes of all aterials, cost of all labour, sundries, T&P required for the ork etc complete in all respect as per direction by the ngineer -in- Charge	Cum	17.21	627.68	10802.00
roviding and laying plain cement concrete of proportion 1:3:6) in foundation and floors using 4 cm. size black hand roken granite stone metal and screened and washed sharp and for mortar of approved quality and from approved quarry ncluding hoisting, lowering, laying concrete, ramming, watering nd curing etc. complete to required levels laid in layers not xceeding 15 cm. thick in each layer including cost, onveyance, royalties, taxes of all materials and cost of all abours, T&P etc required for the work including shoring, huttering and dewatering if required including hire & running harges of all machineries required for the work etc complete s per the direction of the Engineer -in –charge	Cum	22.16	5880.01	130301.00
rick Masonry work with Fly Ash brick of size 25 cm. x 12 cm. x cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:6) with screened & washed and for mortar after immersing the bricks for 6 (Six) hours in water before use in superstructure including splays cutting, ircular moulding, corbelling, chamfering and similar such type f works, watering and curing etc. including cost, conveyance, oading, unloading, royalties and taxes of all materials, cost of ll labour, scaffolding, sundries, T&P required for the works etc. omplete in all respect as directed by the Engineer-in-charge.	Cum	27.02	6025.35	162805.00
Brick Masonry work with Fly Ash brick of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:4) with screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in superstructure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, oading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. Complete in all respect as directed by the Engineer-in-charge.	Cum	0.32	6272.48	2007.00

.C.C (M 20) using 20 mm and down graded H.G crusher roken chips of approved quality and from approved quarry ncluding hoisting, lowering, laying concrete, ramming, watering nd curing etc. complete and cost, conveyance royalties and axes of all materials, labour and T&P required for the work etc omplete as directed by Engineer – in- charge.	Cum	21.76	7196.24	156590.00
roviding, Cutting, straightening coiled or bent up Fe-415 rade steel welding or jointing if necessary, bending, binding, ing the grills as required for RCC works, and hoisting, wering and placing in proper position according to approved esigns and drawings including cost, conveyance, loading, nloading, taxes of M.S. rods, Fe-415 or equivalent and binding ires of 18 to 20 gauge required for the work and cost of all bour, sundries, T&P and scaffolding complete in all respect s directed by the Engineer-in-Charge (payment will be made ccording to the actual weight of M.S. rod, Fe-415 or equivalent onsumed in the work and no separate payment will be made wards weight of binding wires which is to be borne by the ontractor at his own cost) as per the direction of Engineer-in-harge.	Qntl	23.89	8137.12	194396.00
rovision for regid smooth centering and shuttering for RCC ork and dismanteling them after castiong				
olumn Base/plinth Beam	Sqm	30.04	248.67	7470.00
olumn / Beam	Sqm	59.51	1204.49	71679.00
ntel	Sqm	13.56	574.03	7786.00
Roof Slab/chajja	Sqm	71.83	762.37	54758.00
roviding 20mm thick grading cement plaster over roof slab ith cement mortar (1:4) including racking out joints, scraping nd cleaning the surface and finishing the plaster surface mooth using wooden floats only to proper plumbs and level as er drawings including cost of all materials, conveyance, oading and unloading, all taxes and royalties, all labour, caffolding, watering and curing, sundries and T&P etc. omplete as per specification and direction of the Engineer-in-harge.	Sqm	51.32	305.38	15672.00
roviding 6 mm thick cement plaster to the celling surface with ement mortar (1:4) including racking out joints, scraping and eaning the surface and finishing the plaster surface smooth sing wooden floats only to proper plumbs and levels as per awings including cost of all materials, conveyance, loading nd unloading, all taxes and royalties, all labour, scaffolding, atering and curing, sundries and T&P etc. complete as per rection of the Engineer-in-charge	Sqm	46.79	216.39	10125.00
roviding 16mm thick cement plaster to the inside surface of rick masonary work with cement mortar (1:6) including racking ut joints, scraping and cleaning the surface and finishing the aster surface smooth using wooden floats only to proper umbs and level as per drawings including cost of all aterials, conveyance, loading and unloading, all taxes and yalties, all labour, scaffolding, watering and curing, sundries nd T&P etc. complete as per specification and direction of the ngineer-in-charge.	Sqm	120.55	268.69	32391.00

Providing 12mm thick cement plaster to the outside surface of brick masonry wall with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and levels as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per direction of the Engineer-in-charge	Sqm	94.18	183.52	17284.00
Supplying fitting and fixing of M.S grills, MS door, M.S gates, shutters of approved quality and design to windows and openings and stair case railing and parapet railing etc made of M.S flat, Angle, sheets in proper position including making holes in walls RCC structure and wood work etc and making good to the damages to walls or R.C.C. structure including mending or cutting to sizes or grooved in walls and fixing with R.C.C.(1:2:4) with hard black broken granite stone chips of 12mm to 20mm (1/2" to ¾")(20mm not to exceed 25%) with cost and conveyance of all materials, labour taxes and royalties with all T&P etc. complete. In all floors.	Kg	547.50	126.00	68985.00
Supplying fitting &fixing of PVC Door including all cost of materials, labour etc complete as per direction of the Engineer in charge.	Each	1	5500.00	5500.00
Supply,Fixing Vitrified tiles in dados ,of size 600x600mm of approved make confirming to is:13755 laid on 12 mm thick bed of cement mortar(1:3)jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing &polishing compl. Including cost of Precast tiles (vide A.R-2006 item 17,P-90)	Sqm	4.91	1762.02	8652.00
Supplying, fitting & fixing tile in floors of size 600mm x 600mm of approved make conforming to IS : 13755 laid on 20mm thick CM.(1:4) & filling joints with white cement of approved quality including cost of all materials, labour T&P etc required fro the work all complete as per direction of Engineer-in-charge.(for new work only)	Sqm	36.27	1158.46	42017.00
Supplying, fitting and fixing Chequired tiles of size 300mmx300mm 8mm to 10mm thickness of Marbonite or equivalent made in floors or Treads in 25mm thick Bed of CM (1:1) jointing with neat and cement slushy mixed with pigment to match the shade of the tiles etc complete with all cost, conveyance, taxes of all materials, labour, T&P etc required for the work complete in all respect.	Sqm	10.68	1135.15	12123.00
Providing, fitting and fixing of pre cast glazed ceramic wall tiles of approved quality, thickness and sizes in dadoes skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including finished smooth, watering, curing with cost conveyance, royalties taxes of all materials, all labour, T&P required for the work etc. complete in all respect as per the direction of Engineer .in-charge.	Sqm	15.93	1469.67	23412.00
Painting two coats with any approved enamel paint over a coat of red oxide primer to Door & Window including cost of paint, primer sand papering polishing the surface with cost conveyance taxes of all materials and labour with T&P required for the work etc. complete in all respect.	Sqm	33.23	265.62	8827.00

ming one coat on plastered surfaces to receive weather coat h wall cement water bound primer including cost of all terials, conveyance, loading and unloading, all taxes and alties, all labour, scaffolding, watering and curing, sundries d T&P etc. complete as per specification and direction of the gineer-in-charge.	Sqm	240.84	82.58	19889.00
ainting two coats to wall with Plastic emulation paint of proved shade on new work to give an even shade including st of paint all labour, scaffolding, sundries, brushes and T&P c. complete as per specification and direction of the Engineer charge..	Sqm	240.84	108.93	26235.00
bour charge for fitting and fixing of MS Door/Window in oper position including all cost of materials, labour etc mplete as per direction of the Engineer in charge.	Sqm	13.66	70.10	958.00
ost of citizen information board of brick masonry finished for ainting, lettering required information including all cost of aterials, labour, paint etc complete as per direction of the ngineer in charge.				5000.00
Total =			**Rs**	**1107731.00**

wenty three items) Only

(Rupees Twenty three lakh fortyeight thousand six hundred fiftyfour)Only

Technically Sanctioned for Rs. 1107731/- (Rupees Eleven lakh Seven thousand Seven hundred thirty one) Only

Administrative Approved for Rs. 1107731/- (Rupees Eleven lakh Seven thousand Seven hundred thirty one) Only.

Khetra Singh Majhi

unior Engineer
hakapad Block

Asst. Executive Engineer
Chakapad Block

Block Development Officer
Chakapad

der Schedule for :- Construction of office Building of LAMPCS at Sankarakhol under Chakapad Block

ted cost = Rs.11,07,731/-

BILL OF QUANTITY

Items	Unit	Quantity	Rate	Amount
arthwork in excavation of foundation & plinth in hard soil ixed with gravels including dressing and levelling the bed up the required depth & removing the excavated earth & epositing the same away from the work site within initial lead f 50 mtr & initial lift of 1.5 mtr, including cost of labour T&P rticles required for the work including shoring, shuttering, ropping & dewatering if required, etc. complete in all respect s per the specification & direction of the Engineer-in-Charge.	cum	43.58	276.89	12067.00
Supplying and filling foundation trenches and plinth, ditches with sand well watered and rammed in layers not exceed 23.5cm(9") in depth with all lead and lift inclujding cost, conveyance, loading, unloading, royalities and taxes of all materials, cost of all labour, sundries, T&P required for the work etc complete in all respect as per direction by the Engineer -in- Charge	Cum	17.21	627.68	10802.00
Providing and laying plain cement concrete of proportion (1:3:6) in foundation and floors using 4 cm. size black hand broken granite stone metal and screened and washed sharp sand for mortar of approved quality and from approved quarry including hoisting, lowering, laying concrete, ramming, watering and curing etc. complete to required levels laid in layers not exceeding 15 cm. thick in each layer including cost, conveyance, royalties, taxes of all materials and cost of all labours, T&P etc required for the work including shoring, shuttering and dewatering if required including hire & running charges of all machineries required for the work etc complete as per the direction of the Engineer -in –charge	Cum	22.16	5880.01	130301.00
Brick Masonry work with Fly Ash brick of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:6) with screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in superstructure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge.	Cum	27.02	6025.35	162805.00
Brick Masonry work with Fly Ash brick of size 25 cm. x 12 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix (1:4) with screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in superstructure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-charge.	Cum	0.32	6272.48	2007.00

C.C (M 20) using 20 mm and down graded H.G crusher oken chips of approved quality and from approved quarry cluding hoisting, lowering, laying concrete, ramming, watering nd curing etc. complete and cost, conveyance royalties and xes of all materials, labour and T&P required for the work etc omplete as directed by Engineer – in- charge.	Cum	21.76	7196.24	156590.00
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rovision for regid smooth centering and shuttering for RCC ork and dismanteling them after castiong				
olumn Base/plinth Beam	Sqm	30.04	248.67	7470.00
olumn / Beam	Sqm	59.51	1204.49	71679.00
intel	Sqm	13.56	574.03	7786.00
Roof Slab/chajja	Sqm	71.83	762.37	54758.00
Providing 20mm thick grading cement plaster over roof slab with cement mortar (1:4) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and level as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.	Sqm	51.32	305.38	15672.00
Providing 6 mm thick cement plaster to the celling surface with cement mortar (1:4) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and levels as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per direction of the Engineer-in-charge	Sqm	46.79	216.39	10125.00
Providing 16mm thick cement plaster to the inside surface of Brick masonary work with cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and level as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per specification and direction of the Engineer-in-charge.	Sqm	120.55	268.69	32391.00

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upplying fitting and fixing of M.S grills, MS door, M.S gates, utters of approved quality and design to windows and enings and stair case railing and parapet railing etc made of S flat, Angle, sheets in proper position including making les in walls RCC structure and wood work etc and making od to the damages to walls or R.C.C. structure including ending or cutting to sizes or grooved in walls and fixing with C.C.(1:2:4) with hard black broken granite stone chips of 2mm to 20mm (1/2" to ¾")(20mm not to exceed 25%) with ost and conveyance of all materials, labour taxes and royalties ith all T&P etc. complete. In all floors.	Kg	547.50	126.00	68985.00
upplying fitting &fixing of PVC Door including all cost of aterials, labour etc complete as per direction of the Engineer n charge.	Each	1	5500.00	5500.00
Supply,Fixing Vitrified tiles in dados ,of size 600x600mm of pproved make confirming to is:13755 laid on 12 mm thick bed f cement mortar(1:3)jointed with neat cement slurry mixed with igment to match the shades of the tiles including rubbing &polishing compl. Including cost of Precast tiles (vide A.R-2006 tem 17,P-90)	Sqm	4.91	1762.02	8652.00
Supplying, fitting & fixing tile in floors of size 600mm x 600mm of approved make conforming to IS : 13755 laid on 20mm thick CM.(1:4) & filling joints with white cement of approved quality including cost of all materials, labour T&P etc required fro the work all complete as per direction of Engineer-in-charge.(for new work only)	Sqm	36.27	1158.46	42017.00
Supplying, fitting and fixing Chequired tiles of size 300mmx300mm 8mm to 10mm thickness of Marbonite or equivalent made in floors or Treads in 25mm thick Bed of CM (1:1) jointing with neat and cement slushy mixed with pigment to match the shade of the tiles etc complete with all cost, conveyance, taxes of all materials, labour, T&P etc required for the work complete in all respect.	Sqm	10.68	1135.15	12123.00
Providing, fitting and fixing of pre cast glazed ceramic wall tiles of approved quality, thickness and sizes in dadoes skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including finished smooth, watering, curing with cost conveyance, royalties taxes of all materials, all labour, T&P required for the work etc. complete in all respect as per the direction of Engineer .in-charge.	Sqm	15.93	1469.67	23412.00
Painting two coats with any approved enamel paint over a coat of red oxide primer to Door & Window including cost of paint, primer sand papering polishing the surface with cost conveyance taxes of all materials and labour with T&P required for the work etc. complete in all respect.	Sqm	33.23	265.62	8827.00

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painting two coats to wall with Plastic emulation paint of approved shade on new work to give an even shade including cost of paint all labour, scaffolding, sundries, brushes and T&P etc. complete as per specification and direction of the Engineer n-charge..	Sqm	240.84	108.93	26235.00
Labour charge for fitting and fixing of MS Door/Window in proper position including all cost of materials, labour etc complete as per direction of the Engineer in charge.	Sqm	13.66	70.10	958.00
Cost of citizen information board of brick masonry finished for painting, lettering required information including all cost of materials, labour, paint etc complete as per direction of the Engineer in charge.				5000.00
Total =			**Rs**	**1107731.00**

Technically Sanctioned for Rs. 1107731/- (Rupees Eleven Lakh Seven thousand Seven hundred thirty one) only

Administrative Approved for Rs. 1107731/- (Rupees Eleven Lakh Seven thousand Seven hundred thirty one) only

Junior Engineer
Chakapad Block

Asst. Executive Engineer
Chakapad Block

Block Development Officer
Chakapad