



OFFICE OF THE DIVISIONAL FOREST OFFICER, BRAHMAPUR DIVISION

AT-COURTPETA, BRAHMAPUR-760004, Phone/Fax- 0680-2281354, Mob- +91 7653908594, E. Mail dfc.berhampur@odisha.gov.in

Tender Call Notice No 04/2025-26 1F-(ACCOUNTS)-200/25,

Dated, Brahmapur the 353 November, 2025 10.11.25

Divisional Forest Officer, Brahmapur Division invites online from "C & D class" contractor registered with the State Governments and Contractor of equivalent Grade/Class registered with Central Government/MES/Railways for execution of civil works on production of definite proof from the appropriate authority in prescribed form to be eventually drawn in Forest Department FORM-P-1 for the work "Construction of Forest Guard Quarters".

Document Download:

The tender document having detailed instructions and terms & conditions are available on the website www.odishaforest.in/tenders/ <https://ganjam.nic.in>.

Memo No 10265 dt. 10.11. 2025

Copy along with its enclosure submitted to the Deputy Director, Information & Public Relation Department (Adv), & Deputy Secretary to Government of Odisha, Bhubaneswar for information and necessary action. He is requested to publish in at least two Odia / English Daily News Papers (All editions).

Divisional Forest Officer
Brahmapur Division

Memo No 10266 dt. 10.11. 2025

Copy along with its enclosure submitted to the Chief Executive Officer, State Authority, CAMPA of Office of the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information and necessary action with reference to his memo no15971 dt 29.07.2025.

Divisional Forest Officer
Brahmapur Division

Memo No 10267 dt. 10.11. 2025

Copy along with its enclosure submitted to the Additional Principal Chief Conservator of Forests, (IT & GIS), Office of the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information and necessary action. He is requested to upload the Tender Call Notice in the Website of PCCF, Odisha at an early date.

Divisional Forest Officer
Brahmapur Division

Memo No 10268 dt. 10.11. 2025

Copy along with its enclosure submitted to the Regional Chief Conservator of Forests, Brahmapur Circle, Brahmapur for favour of kind information and necessary action.

Divisional Forest Officer
Brahmapur Division

Memo No 10269 dt. 10.11. 2025

Copy along with its enclosure forwarded to the District Information Officer, NIC, Collectorate, Ganjam Chatrapur for information and necessary action. He is requested to display the Tender Notice in the District Website.

Divisional Forest Officer
Brahmapur Division

Memo No 10270 dt. 10.11. 2025

Copy along with its enclosure forwarded to the All-Range In-Charges, Brahmapur Forest Division for information and necessary action. They are instructed to display the Tender Notice on their respective Range Office Notice Board.

Divisional Forest Officer
Brahmapur Division



OFFICE OF THE DIVISIONAL FOREST OFFICER, BERHAMPUR DIVISION
AT-COURTPETA, BRAHMAPUR-760004

Phone/Fax- 0680-2281354, Mob- +91 7653908594, Email-dfo.berhampur@odisha.gov.in

Tender No 04/2025-26

The **DIVISIONAL FOREST OFFICER, BERHAMPUR FOREST DIVISION** on behalf of Governor of Odisha invites Percentage Rate bids in single cover system in online mode for the construction works as detailed in the table, from the class of eligible contractors as mentioned in column-8 registered with the State Governments having Civil license and Contractors of equivalent Grade / Class Registered with Central Government for execution of Civil Works. The proof of registration from the appropriate authority shall be enclosed along with the Bid.

Sl No	Name of the Work	Area of the work	Concerned T. I. A	Appropriate value of Amount. Incl. GST (in Rs)	Cost of Bid papers (in Rs)	Cost of EMD (In Rs.)	Class of Bidders	Period of Completion
1	2	3	4	5	6	7	8	9
1	Construction of Forest Guard Quarter.	Kumaripari Beat. Khallikote Range	Brahampur Forest Division	Rs 15,16,200/-	Rs 6,000/-	Rs 45500/-	"C & D" Class	03 Calendar Months

Bid documents consisting of plans, specifications, the schedule of quantities and a set of Terms & Conditions.

3. The Bid documents will be available in the website: www.odishaforest.in/tenders and [https:// ganjam.nic.in](http://ganjam.nic.in) from **14.11.2025**
- 5: Bids received online on or before 05.12.2025 shall be opened at **11:00 AM** on dated **05.12.2025** in the Office of the undersigned.
- 6: The successful bidder shall produce Original Contractor Registration certificate, PAN, GST Registration Certificate at the time document verification, otherwise his/her bid shall be declared as non-responsive and thus liable for rejection.
- 8: The cost of Bid documents in shape of Demand Draft only issued from any Nationalized/ Scheduled Bank may be prepared in the name of the Divisional Forest Officer, Brahmapur Forest Division payable at Brahmapur.
- 10: Additional Performance Security shall be often from the Bidder when the Bid amount is less then estimated cost put to tender. In such an event only the successful Bidder who has quoted less Bid price rates then the estimated cost put to tender shall have to furnish the exact amount of differential cost i.e. estimated cost put to tender minus the quoted amount as Additional Performance Security (APS) in shape of Term Deposit received pledged in favour of the Divisional Forest Officer, Brahampur Forest Division within seven days otherwise the Bid shall be cancelled and the security deposit shall be forfeited. Further proceeding for black listing shall be initiated against the Bidder. 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 there to & required amount of performance security including additional performance security. The normal performance security will be 3 % of the total contract price.

- 11: If the rate quote by the Bidder is less than 15% of the tender amount then such a Bid shall be rejected and tender shall be finalized basing on merits of the rest Bids, but if more than 1 bid is quoted at **14.99% (Decimals up to two digits will be taken for all practical purposes)** less than estimated cost, the tender accepting authority will finalize the tender through a transparent lottery system where all Bidders/ their authorized representatives, the concerned Divisional Forest Officer and committee will remain present.
- 12: Other details can be seen in the Biding documents.
- 13: No undertaking for any required documents will be allowed; the tender will be rejected during evaluation.
- 14: The estimated cost is inclusive of GST 18%.
- 15: The cost of labour cess is @1% over and above the work value.
- 16: Valid and up to date required document should be enclosed falling which the concerned tender paper of the Bidder will be canceled without any further correspondence.
- 17: Non-furnishing of the above documents, the bid will be liable for summarily rejection.
- 18: The Authority reserves the right to cancel any or all the Bids without assigning any reasons thereof.


Divisional Forest Officer
Berhampur Division

CHECK LIST TO BE FILLED UP BY THE BIDDER

Sl. No	Particulars	Whether furnished		Reference to Page no
		Yes	No	
01.	Tender Cost for work @ Rs. 6,000/- (Non-Refundable)			
02.	Copy of valid Contractor Registration Certificate			
03.	Copy of valid GST certificate			
04.	Copy of PAN Card			
05.	No Relationship Certificate in Schedule-A			
06	Income Tax Return for last three years (2022-23, 2023-24 & 2024-25)			
06.	Works Experience-			
(A)	List of projects executed that are similar in nature to the work (Schedule-D1)			
(B)	Works in hand-List of projects in progress that are similar in nature to the work (Schedule-D2)			
(C)	Information regarding current litigation, debarring/expelling of the tender or abandonment of the work by the tenderer (Schedule-E)			
(D)	Affidavit (Schedule-F)			

ANNEXURE- A

TECHNICAL BID

- 1- Name of Tendering Civil Work Contractor :
with address (Block Letter)
- 2- Name of the Proprietor/ Partner/ :
Director in case of Firms and Company
- 3- Full Address of Registered Office :
(Proof of Address to be furnished)
- 4- Address for correspondence :
(If other than in 3)
- 5- Contact No. and E-Mail ID :
- 6- PAN No. (Self-attested Xerox copy) :
- 7- GST details (Self-attested Xerox copy) :
- 8- Contractor Registration No. :
(Please furnish document)
- 9- Experience as a contractor :
(Proof of experience to be enclosed work orders
and completion certificates)
- 10- Income tax returns of the company/ :
Firms/Contractor for the last three years :
2022-23,2023-24 & 2024-25 (Self-attested Copies) :
- 11- Aadhar Card & PAN No. (Xerox copy) :

Certified that the information as above is true to be best of my knowledge & I will be held responsible if anything to the Contrary/ Adverse will be observed in future.

Full Signature of Applicant/Authorized Person

Date –

Place –

ANNEXURE-B**FINANCIAL BID**

FINANCIAL BID FOR CONSTRUCTION OF BUILDINGS (FOREST GUARD QUARTERS AT KUMARIPARI BEAT OF KHALLIKOTE RANGE) IN BERHAMPUR FOREST DIVISION. BERHAMPUR

Sl No	Name of the Firm/Contractor	Name of the Work	Estimated Cost	Less/More	Percentage (%)

SCHEDULE-A

CERTIFICATE OF NO RELATIONSHIP

I/ We hereby certify that I /We* am /are * related / not related (*) to any officer of Forest Department and any officer of the rank of Assistant / Under Secretary and above of the Forest 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 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: -

[SCHEDULE-D1]**WORKING EXPERIENCE****D-1. LIST OF SIMILAR NATURE OF PROJECTS EXECUTED**

Name of the Employer	Name of the location & name of the work	Contract price in INR	Items of works	Date of starting work as per agreement	Stipulated date of commencement as per agreement	Actual Date of competition of work	Reasons for delay in starting/ completion, if any
1	2	3	4	5	6	7	8

Signature

WORKING EXPERIENCE**D-2. LIST OF SIMILAR NATURE OF PROJECTS IN PROGRESS**

Name of Employer	Name of location and name of the work	Contract price in Indian Rupees	Items of works	Date of starting the work as per Agreement	Stipulated date of completion of the work as per Agreement	Revised target date of completion of the work, if any	Reasons for slow progress, if any, with the updated billing amount
1	2	3	4	5	6	7	8

Signature

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

- a) Is the tenderer currently involved in litigation relating to the works Yes/No
- b) If yes: give details:
- c) Has the tenderer or any of its constituent partners be end barred/expelled by any agency in India during the last 5 years. Yes/No
- d) 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
- e) If yes, give details:

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

Signature

SCHEDULE-F

AFFIDAVIT

The undersigned do hereby certify that all the statements made in the required attachments are true and correct.

The undersigned also hereby certifies that neither our firm M/s _____ nor any of its constituent partners/I have abandoned any road/ bridge/ Irrigation /Buildings or other project work in Indian or any contract awarded to us/ me for such works have been rescinded during the last five years prior to the date of this bid.

The undersigned hereby authorized and request (s) any bank, person, firm or Corporation of furnish pertinent information as deemed necessary and as requested by the Department to verify this statement or regarding my (our) competency and general reputation.

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.

(Signed by an Authorized Officer of the firm or Bidder)

Date:

Divisional Forest Officer,
Brahmapur Division.

TECHNICAL SPECIFICATION OF CIVIL PORTION OF WORK

Materials of following specification are to be used in work. The Tenderers are expected to possess and be well conversant with the following I S 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 complex cube test before common cement of work in each batch).
2.	Steel	I.S.432 (Plain) and 1785 (Ton)
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 (galvanized minimum1mm)
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 journey works	Conforming to I.S.7452/82 strictly conform to I.S. specification and as per direction of Engineer-in-Charge.

ITEM OF WORK

Concrete shall be with conformity to I.S.456.

Foundation shall be with conformity to I.S.1080.

Stone masonry (R.R.) shall be with conformity to I.S.1597(Part-I)

C.R. Masonry shall be with conformity to I.S.1597.

Brick masonry shall be with conformity to I.S.2212.

Cement plastering shall be with conformity to I.S.9103 & 6925.

Mortar shall be with conformity to I.S.2250

White and color washing shall be with conformity to I.S.6278.

C C in foundation shall be with conformity to I.S.2571.

Anti-Termite Treatment shall be with conformity to I.S.6813. (Part-I & Part-II)

Painting to all surfaces shall be with conformity to I.S.2395(Part-I & Part- II)

DPC shall be with conformity to I.S.3067

Tar felt treatment shall be with conformity to I.S.1346

Tile flooring with conformity to I.S.2114

Steel painting shall be with conformity to I.S.1477 (Part-I & Part-II) I.S.1661

Note: The contractor shall ensure basic sanitary and electrical connections/ fittings within the cost of the contract. The make and model of the materials must be furnished in the schedule of quantities to be proposed.

The tenderer 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 as per the Performa enclosed in a separate sheet of schedule-D1 and D2.

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 state Forest Department or Assistant/Under Secretary & above in the Forest Department. If the fact subsequently proved to be false, the contract is liable to be rescinded. The Performa for no relationship certificate is contained in a separate sheet vide Schedule-A.

An applicant or any of its constituent partners of whose contract for any work has been rescinded or who has abandoned any work in the last five years, prior to the date of the bid, shall be debarred from qualification. The bidder is to furnish an affidavit at the time of submission of bid about the authentication of bid documents including Bank guarantee. An affidavit to this effect is to be furnished in Schedule-F. Non furnishing of the scanned copy of information in Schedule-E and required affidavit in Schedule-F will lead to rejection of the bid.

The tender should be strictly in accordance with the provision as mentioned in the tender schedule. Any change in the wordings will not be accepted.

No bidder will be permitted to furnish their bid in their own manuscript papers. All information should be typed in English.

Submission of more than one tender by a bidder for a particular work will liable for rejection. Percentage rate contract (vide Works Department letter No. 8310 dt.17.05.2006) In case of Percentage Rate Tender –

The contractor has to quote percentage excess or less over the estimated cost in the Price Bid appended to the tender document.

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

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

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. The bidder 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 into by the accepted bidder and detailed specifications for Odisha and other relevant specifications and drawings. Complain at a future date that plans and specifications have not been seen by the bidders cannot be entertained.

The drawings if any furnished with the bid are tentative and subject to revision or modification as tendered during the execution as per actual necessity and detail test conducted. But the tendered rate quoted by the bidder 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 how ever be executed as per final approved drawing to be issued by the Plan Layout elevation of estimate infrastructure should be as per approved plans & estimate of the Pr. C.C.F Office.

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

(ii) Amendment to Para 3.4.16 (a) (vii) of OPWD Code Vol.-I by substitution.

For the purpose of estimate, the approved quarry lead is to be provided judiciously. Range Officer In-Charge would be responsible for ensuring the quality of the materials supplied. The contractors would, however, be responsible for procurement of materials from authorized sources and voluntarily disclose the source of procurement for the purpose of billing. Besides, the bidder would be required to submit the details of quarry for procurement while submitting the bids.

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.

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.

The tender containing extraneous conditions not covered by the tender notice are liable for rejection and quotations should be strictly in accordance with the tender call notice. Any change in the wording will not be accepted.

Schedule of quantities are to be proposed by the bidders as per standards defined in the tender document for the best of the best works as per plan given. The technical committee will examine the proposal and recommend for its acceptance by the competent authority. In no case substandard materials will be proposed.

The quantity mentioned can be increased or decreased 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.

The bidder/tenderer whose bid has been accepted will be notified of the award by the Range Officer or DFO-in-charge prior to expiration of the valid period by cable, telex or facsimile or registered letter. This letter (herein after and in the conditions of Contract called the "Letter of Acceptance") will state the sum that the Range Officer or DFO will pay the contract or in consideration of the execution, completion and maintenance of the Works by the contractor as prescribed by the contract (Herein after and in the contract called the "Contract Price").

The notification of award will constitute the formation of the contract, subject only to the furnishing of a performance security (Initial Security Deposit @ 3% of the Tender Cost in shape of D.D) and additional performance security as per Clause 27 of DTCN in form of Fixed deposit receipt to Schedule Bank/ Kissan Vikash Patra /Post Office Savings Bank Account /National Savings Certificate/ Postal Office Time Deposit Account/ Bank Guarantee in favour of the Divisional Officer from any Nationalized /Scheduled Bank in India counter guaranteed by its local branch at Brahmapur duly pledged in favour of the Divisional Forest Officer and payable at Brahmapur.

The agreement will incorporate all correspondence between the officer inviting the bid 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 Range Officer-in-charge. Following documents shall form part of the agreement.

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 there to & required amount of performance security including additional performance security. The normal performance security will be 3 % of the total contract price.

Standard Forest Deptt. Form P-1 with latest amendments.

Failure to enter into 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 O/o the DFO, Berhampur. **The security will be refunded after One year of completion of the work and payment of the final bill and will not carry any interest.**

The security deposit of the successful tenderers will be forfeited in case, where bidders /tenderers back out from the offer after signing of agreement with the competent authority.

Amendment 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 milestone basing on the financial achievement so as to complete the work within the stipulated time and incase of failure on the part of the agency to achieve the milestone liquidated damage will be imposed.

Amendment to Para3.5.14 Note-I of OPWD Code Vol.-I

If L-1 bidder does not turn up for agreement after finalization of the tender then he shall be debarred from participation in bidding for three years and action will be taken to black list the contractor. In that case, the L2 bidder, if fulfils, other required criteria would be called for drawing agreement for execution of work subject to the condition that L2 bidder negotiates at par with the rate quoted by the L1 bidder otherwise the tender will be cancelled in case a contractor is black listed. It will be widely published and intimated to all departments of Government and also to Govt. of India agencies working in the State.

The agreement will be drawn in Forest Deptt. P1 contract form and the contract for the work shall be drawn and signed by Divisional Forest Officer, Berhampur Forest Division or his authorized officer.

The Civil items of works as per Schedule of quantities, shall be supervised, measured and check measured by the Divisional Forest Officer, Berhampur Forest Division or his representatives authorized for the purpose.

Any deviation in execution of the items of the agreement will mean deviation to the work as a whole. The financial implications shall be informed to the Chief Engineer (Buildings) Orissa / Pr. C.C.F, Odisha for proper action.

Similarly, extension of time if applied by the contractor will mean and amount to extension of time for the work will be dealt with by the DFO, Berhampur Division as per relevant clause of P1 agreement & DTCN Code.

Amendment to Para-3.5.5 (v) of OPWD Code Volume-I by inclusion. Additional Performance Security (as per Office Memorandum No.4559 dtd.05.04.2021 of Works Department, Government of Odisha) Additional Performance Security (APS) is being obtained from the Successful Bidder when the Bid amount is less than estimated cost put to tender to the extent as given in the table below, in shape of Term Deposit Receipt pledged in favour of Divisional Forest Officer, Berhampur/ Bank Guarantee in favour of the Divisional Forest Officer, Berhampur from any Nationalized /Scheduled Bank in India counter guaranteed by its local branch at Bhubaneswar within seven days of issue of Letter of Acceptance (LoA) by the Divisional Officer (by e-Mail) to the successful bidder otherwise the bid of the successful bidder shall be cancelled and the he will be debarred from tendering for a period of 180 days. Further, proceeding for Blacklisting shall be initiated against the bidder as per amendment to Para 3.5.5 (v) of OPWD Code Volume-I vide Works Department Office Memorandum No. 14459/W dated 20.09.2018. In view of the above, the State Government is pleased to fix the following rate of Additional Performance Security;

Sl No.	Range of Difference between the estimated cost put to tender and Bid amount	Additional Performance Security to be deposited by the successful bidder
i.	Below 5%	No Additional Performance Security
ii.	From 5% and above and below 10%	50% of (Difference between estimated cost put to tender and Bid Amount)
iii.	From 10% and above	150% of (Difference between estimated cost put to tender and Bid Amount)

The Civil contractor who has put the tender for the work in DTCN, will alone be responsible and answerable to the Forest Department Authority or any other competent authorities as regards to defects in the work, slow progress in the work or any other recessional parameters that may crop up during execution of the work as When any part of the work is considered by the departmental authority not to be in coherence with the agreement condition or their specifications as in the DTCN, then the contract for the total work in TCN will lead to its revision by the department if felt necessary.

That for the purpose of jurisdiction in the event of disputes if any of the contracts would be deemed to have been entered into 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 them after by this contract at any place outside the State of Odisha.

The contractor should be liable to fully indemnify the department for payment of compensation under workman Compensation Act. VIII of 1923 on any account of the workmen employed by the contractor and full amount of compensation paid will be recovered from the contractor.

Bidders are required to abide by the fair wages clause as introduced by Govt. of Odisha, Works Department Letter No.-VIII-R8/5225 Dtd.26.02.55 and No.IIM-56/628842(5) Dtd. 27.09.61 as amended from time to time.

In case of any complaint by the labour on payment or less payment of wages as per latest minimum Wages Act, the Officer authorized by the DFO 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 DFO is final and binding on the contractor.

The contractor shall bear cost of various incidentals, sundries and contingencies necessitated by working full within the following or similar category as per Govt. guidelines.

Rent, royalties and other charges of materials, octroi duty, all other taxes including sales tax, ferry, tolls conveyance charge and other cost on account to 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 bidders for Collection of materials, storage, housing of staff or other purpose of the work. No bidder will how ever be liable to pay Govt. for temporary occupation of land owned by Govt. at the site of the work.

Labour camps or huts necessary to a suitable scale including conservancy and sanitary arrangements there into the satisfaction of the local health authorities.

Suitable water supply including pipe water supply wherever available for the staff and labour as well as for the work. Fees and duties levied by the municipal, canal or water supply authorities. Suitable equipments and wearing apparatus for the labour engaged in risky operations. Suitable fencing barriers, signals including paraffin and electric signal where necessary at work sand approaches in order to protect the public and employees from accidents. 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. The contractor has to arrange adequate lighting arrangement for the work wherever necessary at his own cost.

After the work is finalized, 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.

No payment will be made for benchmarks, 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.

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.

The bidder 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.

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 during office hours every day except on Sundays and Public Holidays till last date of sale and receipt of bid documents. Interested bidders may obtain further information at the same address. But it must be clearly understood that the bids must be received in order and according to the instructions.

Bidders are required to go through each clause of Forest Deptt. Form P-1 carefully in addition to the clause mentioned here in before tendering. In case of ambiguity, the clauses of Forest Deptt. Form P-1 with latest amendments shall supersede the condition of D.T.C.N. Steel shuttering & centering shall be used which shall be lined with suitable sheeting and made leak proof and water tight.

Amendment of existing Clauses:-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, labour and food stuff etc. and that rates quoted by him in the tender will be adequate to complete the work according to the specifications attached there to and that he had taken into account all conditions and difficulties that may be countered during its progress and to have quoted rates including labour and materials with taxes, octroi, other duties, lead, lifts, loading and unloading, freight or 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 incase the contractor claims later onto have misjudged as regard availability of materials, labour and other factors.

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.

Prevailing rate of GST on the gross amount of the bill will be deducted from the contractor's bill, 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 utilized by them in the work will be recovered from their bills and deposited in the revenue of concerned department.

CESS @1(one)% of the amount of the estimated cost as per Tender notification read with latest corrigendum if any will be proportionately deducted from the Contractor's bill at the time of making payment of each bill.

Under no circumstances interest is chargeable for the dues or additional dues if any payable for the work. Under section 12 of contractor's 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.

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. 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 up on 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 defect liability period for the work is 12(twelve) calendar months from the date of successful completion of the work.

From the commencement of the works to the completion of the same, they are to be under the contractor's 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

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.

Nothing will be supplied by the Forest Department from its store for the work.

The contractor should at his own cost arrange necessary tools and plants required for the efficient execution of work and the rates quoted should be inclusive of the running charges of each plant and cost of conveyance.

After completion of the work the contractor shall arrange at his own cost all requisite equipment for testing one unplugged well and specified span free of cost as directed by the Range Officer and bear the entire cost of the test.

No extra payment will be made for the site clearance for taking earth from the burrow areas. Earth work from cutting shall be economically utilized in filling.

Concrete of strength below of the required strength (as determined by actual tests) shall not be accepted.

After completion of the work, the contractor shall arrange at his own cost all requisite equipment for testing of electrical installations in the building, if felt necessary and the entire cost of such test, including the inspection by the Electrical Inspectorate group will be borne by the contractor. The safety certificate of the EI work will be furnished by the agencies after getting necessary verification from the electrical inspector/equally competent authority responsible for the work prior to Energization of the building.

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 encountered during soil test at field which must be taken in advance of actual execution of the foundation.

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 contractor has to do dewatering by bailing out water from the foundation, pipeline trenches, septic tank/soak pits/sumps/manhole etc either rain water or sub soil water, if necessary, within his quoted percentage rate.

No claim for carriage of water what-so-ever will be entertained.

Odisha 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 Bridge and Construction Corporation will also be allowed a price preference to the extent of upto 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.

The Department will have the right to inspect the scaffolding, centering and shuttering made for the work and can reject partly or fully such structures if found defective in their opinion. Concrete should be machine mixed unless otherwise ordered in writing by the Range Officer. The contractor should arrange his own concrete mixer, vibrator and pumps etc, for this purpose at his own cost.

Cement shall be used by bags and weight of one bag of cement being taken as fifty (50) Kg. The bidder should arrange the materials like Steel, Cement, paint and bitumen etc. of approved quality and specification/grade 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 bidder due to delay in procurement of materials. There should be no use of materials beyond specification. The same will be produced during signing of agreement and will be approved by the purchase committee of the office in which there may be a co-opted member from an engineering department.

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.

If the bidder removes Government materials supplied to him from the site of work with a view to dispose of the same dishonestly, 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 bidder or from his security deposit or from the proceeds of sale thereof.

The selected bidder may take delivery of departmental supply according to his need for the work issued by the office in-charge subject to the availability of the materials. The bidder shall make all arrangement for proper storages of materials but no cost for raising shed for storage, pay of watchman 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 bidder stops the work, he shall have to pay the full penalty as per clause of P-1 agreement.

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.

All the materials which are to be supplied from store 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 steel /M. S Angles, Tees and Joists etc. All the materials required should be purchased from Govt. approved store and the purchased materials may be under custody of contractor and contractor will be responsible for its safety and storage.

happening from any neglect, default, want of proper care or misconduct on the part of the contract 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.

ADDENDUM TO THE CONDITION OF P1 CONTRACT

Clause-2(a) of P-1 Contract: -TIME CONTROL (Vide Works Department Office Memo random No.24716 dt.24.12.2005 and No.8310 dt.17.05.2006): -

Progress of work and Re-scheduling programmed.

The Divisional Forest Officer 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.

Within 15 days of issue of the letter of acceptance, the contractor shall submit other Engineer-in-Charge for approval programmed commensurate to Clause No.2 .1. 3 of P-1 Contract 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 contractor shall be bound in all cases in which the time all owed for any work exceed son month to complete, $\frac{1}{4}$ th of the whole time allowed under the contract has elapsed, $\frac{1}{2}$ of the whole of the work before $\frac{1}{2}$ of the whole time allowed under the contract has elapsed, $\frac{3}{4}$ th of the whole of the work before $\frac{3}{4}$ th of the whole time all owed under the contract has elapsed. If at any time it should appear the Range Officer 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 Range Officer a revised programme showing the modification slouch 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 Range Officer under intimation to DFO 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.

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 DFO 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, beat liberty to forfeit the earnest money & performance guarantee / Security deposit absolutely.

As soon as possible after the Contract is concluded the Contractor shall submit the Time & Progress Chart for each mile stone 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 date so commencement and completion various trades of section of the work and may be amended as necessary by agreement between the DFO 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 contract or 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 mile stone 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 never the less use Constantly his best endeavors to prevent or make good the delay and shall do all that maybe reason ably required to the seat is faction of the Engineer-in-Charge to proceed with the works. Force majeure, or abnormally bad weather, or Serious loss or damage by fire, or Civil commotion, local commotion of workmen, strike or lockout affecting any of the trade's employee don the work, or Delay on the part of other contract or so trade's men engaged by Engineer-in-Charge in executing work not forming part of the Contract. In case a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contract or taking steps to a creel rate the Remaining work and which would cause the Contract or to incur additional cost, or any other cause, which, in the absolute discretion of the authority mentioned, in Contract data is be yond the Contractors control. Request for reschedule and extension of time, to be eligible for consideration, shall be made by the Contract or in writing with in fourteen days of the happening of the event causing delay. The Contract or 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 Range Officer in writing, within 3 months of the date of receipt to such request. Non-application by the contractor for extension of time shall not be a bar for giving a fair and reason extension by the Range Officer and this shall be binding on the contractor.

2.3: Compensation for Delay.

If the contract or 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 Superintending 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 in complete.

This will al so apply to items or group of items for which a separate period of completion has been specified. Compensation @ 1.5% per month 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. The amount of compensation may

be adjusted or set-off against any sum payable to the Contract or under this or any other contract with the Government. In case, the contract or does not achieve a particular mile stone mentioned in contract data, (which his in this case the original work programmed furnished by the Contractor and approved by the Range Officer which formed a part of agreement) or the rescheduled mile stone (s) in terms of Clause 2. 5 of P-1 Contract, the amount shown against that milestone shall be withheld, to be adjusted against the compensation levied at the final grant of extension of time. With holding of this amount on failure to achieve a mile stone, 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 contract or fails to make up for the delay in subsequent mile stone(s), amount mentioned against each milestone missed subsequently also shall be withheld. However, no interest what so ever shall be pay able on such withheld amount.

Management Meetings.

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

The ACF, Brahmapur 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 DFO either at the management meeting or after the management meeting and stated in writing to all who attended the meeting.

Clause-2 (b) of Percentage 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 overwork will be realized from the contractor as penalty.

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

As per said amendment a Contract or may be black listed Misbehavior/ threatening of Departmental & supervisory officers during execution of work/tendering process. Involvement in any sort of tender fixing. Constant non- achievement of milestones on in sufficient and imaginary grounds and non-adherence to quality specifications despite being pointed out. Persistent and intentional violation of important conditions of contract. Security consideration of the State i.e. any action that jeopardizes the security of the State. Submission of false /fabricated /forged documents for consideration of a tender.

EIGIBILITY CRITERIA: -

To be eligible for qualification, applicants shall furnish the followings.

Hard Copy of valid Registration Certificate, Valid GST certificate, PAN card along with the tender Documents as per the DTCN.

b: Information in hard copy 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".

Submission of tender paper cost as per the DTCN: -

(a) The total value of only civil engineering construction work performed in the last three financial year with certificate from the Chartered Accountant is to be furnished for the purpose of evaluation of Bid Capacity as per clause No. 12 of the DTCN.

(b) The statement as per Schedule-G showing the value of existing commitments and ongoing works as well as the stipulated period of completion remaining for each of the works should be counter signed by the Engineer-in-Charge not below the rank of an Executive Engineer.

(c) The agency who do not possess any civil engineering construction work in hand at the expected time of bidding need to upload the fact in shape of an affidavit for consideration of the Bid Capacity during Technical Evaluation.

Non-furnishing of the above documents, the bid will be liable for summarily rejection.

Defect Liability: -

The Engineer shall give notice to the contractor of any defects before the end of the defects liability period, which begins at completion of the work and continues for next 12 months. The defects liability period shall be extended for as long as defects remain to be corrected. Every time notice of defect is given, the contractor shall correct the notified defect within the length of time specified by the Engineer's notice. If the contractor has not corrected a defect within the time specified in the Engineer's notice. The Engineer will assess the cost of having the defects corrected and the contractor will pay the amount.

Approved

✓ Divisional Forest Officer,
Brahmapur Forest Division.



**FOREST ENVIRONMENT
&
CLIMATE CHANGE DEPARTMENT**

NAME OF WORK : Construction of Forest Guard Quarter at Kumaripari
Beat of Khallikote Range.

NAME OF THE SCHEME : **CAMPA-2025-26**

ESTIMATED COST : **Rs. 15,16,200/-**

NAME OF THE DIVISION: Divisional Forest Officer,
Berhampur Division

NAME OF THE SECTION : Sumandala Section

Detailed item wise Estimate for Construction of Forest Guard Quater at Kumaripari Beat of Khallikote Range

CIVIL WORKS OF THE BUILDING Ground Floor			Quantity of work volume/Area/Wt.					
Sl. No	Description of Item	No.	Length (in ft)	Breadth (in ft)	Height (in ft)	Quantity	Unit	Amount (in Rs.)

- 1 Earthwork in excavation of foundation in hard soil and clearing the excavated materials with in 50m and 1.5 initial lift.

Foundation Trench

Column	11	4.00	4.00	5.00	880.000 Cft
Long wall	3	25.50	2.00	3.00	459.000 Cft
	1	11.66	2.00	3.00	69.960 Cft
Cross wall	3	9.00	2.00	3.00	162.000 Cft
	4	6.00	2.00	3.00	144.000 Cft
	2	9.00	2.00	3.00	108.000 Cft
Step(Verandah)	1	10.00	4.00	1.00	40.000 Cft
Step(Office)	1	5.00	4.00	1.00	20.000 Cft
Deduction Column	-11	2.00	2.00	3.00	-132.000 Cft

Total
or Say 1750.960 Cft
49.582 Cum

@ Rs 206.06 /cum Rs 10216.77

- 2 Providing and laying sand in foundation & plinth with sand well watered and rammed including Cost, conveyance, & royalties etc.complete.

Foundation Trench

Column	11	4.00	4.00	0.50	88.000 Cft
Wall trench					
Long wall	3	25.50	2.00	0.50	76.500 Cft
	1	11.66	2.00	0.50	11.660 Cft
Cross wall	3	9.00	2.00	0.50	27.000 Cft
	4	6.00	2.00	0.50	24.000 Cft
	2	9.00	2.00	0.50	18.000 Cft
Step(Verandah)	1	10.00	4.00	0.50	20.000 Cft
Step(Office)	1	5.00	4.00	0.50	10.000 Cft

Plinth Filling

M.Bed Room	1	10.66	10.00	2.50	266.500 Cft
Drawing Room	1	8.33	10.00	2.50	208.250 Cft
Verandah	1	4.00	10.00	2.50	100.000 Cft
Kitchen Room	1	8.00	7.08	2.50	141.600 Cft
Dinning Room	1	8.92	7.08	2.50	157.884 Cft
Toilet	1	5.25	7.08	2.50	92.925 Cft
Office Room	1	10.00	10.00	2.50	250.000 Cft
Deductio Column	-11	2.00	2.00	0.50	-22.000 Cft

Total
or Say 1470.319 Cft
41.635 Cum

@ Rs 353.83 /cum Rs 14731.70

- 3 Cement Concrete Proportion (1:4:8) in foundation and floors using with 40 mm hard broken granite metal including hoisting, lowering and laying in layers not exceedind 15 cm thick to the required level, ramming watering and curing etc complete including all cost, conveyance, taxes and royalties of all materials complete.

Foundation Trench

Column	11	4.00	4.00	0.50	88.000 Cft
Wall trench					
Long wall	3	25.50	2.00	0.50	76.500 Cft
	1	11.66	2.00	0.50	11.660 Cft
Cross wall	3	9.00	2.00	0.50	27.000 Cft

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	4	6.00	2.00	0.50	24.000 Cft
	2	9.00	2.00	0.50	18.000 Cft
Step (Verandah)	1	10.00	4.00	0.33	13.200 Cft
Step(Office)	1	5.00	4.00	0.33	6.600 Cft
Inside Room Flooring					
M.Bed Room	1	10.66	10.00	0.50	53.300 Cft
Drawing Room	1	8.33	10.00	0.50	41.650 Cft
Verandah	1	4.00	10.00	0.50	20.000 Cft
Kitchen Room	1	8.00	7.08	0.50	28.320 Cft
Dinning Room	1	8.92	7.08	0.50	31.577 Cft
Toilet	1	5.25	7.08	0.50	18.585 Cft
Office Room	1	10.00	10.00	0.50	50.000 Cft
Deductio Column	-11	0.83	0.83	0.50	-3.789 Cft
Total					504.603 Cft
or Say					14.289 Cum
@	Rs	5,096.03	/cum	Rs	72815.92

4 R.C.C.work of M-20 grade with cement concrete proportionation (1:1.5:3) and 20 mm down grade hard broken granite(crusher broken) chips for RCC works including hoisting laying with all cost, conveyance, and royalty of all materials complete.

i)Column base	11	3.50	3.50	0.83	111.843
column footing	$\frac{1}{3}((0.83 \times 0.83) + (3.5 \times 3.5)) + \sqrt{((0.83 \times 0.83) \times (3.5 \times 3.5))}$				
V= $\frac{1}{3}(A_1 + A_2 + \sqrt{A_1 \times A_2})$	11			1.00	58.090
H	11	0.75	0.75	15.34	94.916
ii)Column					
iii)Ground Beam					
	3	25.50	0.83	0.83	52.701 Cft
	1	11.66	0.83	0.83	8.033 Cft
	3	9.00	0.83	0.83	18.600 Cft
	4	6.00	0.83	0.83	16.534 Cft
	2	9.00	0.83	0.83	12.400 Cft
Deduction column	-11	0.75	0.75	0.83	-5.136 Cft
iv) Plinth Beam					
	3	25.50	0.83	0.75	47.621 Cft
	1	11.66	0.83	0.75	7.258 Cft
	3	9.00	0.83	0.75	16.808 Cft
	4	6.00	0.83	0.75	14.940 Cft
	2	9.00	0.83	0.75	11.205 Cft
Deduction column	-11	0.75	0.75	0.75	-4.641 Cft
v) Lintel Band					
	3	25.50	0.75	0.50	28.688 Cft
	1	11.66	0.75	0.50	4.373 Cft
	3	9.00	0.75	0.50	10.125 Cft
	4	6.00	0.75	0.50	9.000 Cft
	2	9.00	0.75	0.50	6.750 Cft
Deduction column	-11	0.75	0.75	0.50	-3.094 Cft
vii) Chajja					
verandah	1	10.00	2.00	0.25	5.000 Cft
window	3	6.00	1.50	0.25	6.750 Cft
	4	5.00	1.50	0.25	7.500 Cft
kitchen plate	1	8.00	1.50	0.25	3.000 Cft
	1	7.00	1.50	0.25	2.625 Cft
Inside Room					
Bed Room	1	10.66	1.50	0.25	3.998 Cft
	1	10.00	1.50	0.25	3.750 Cft
Dinning Room	1	8.92	1.50	0.25	3.345 Cft
Kitchen Room	1	8.00	1.50	0.25	3.000 Cft

	1	7.00	1.50	0.25	2.625 Cft		
vii)(a) Roof slab Building including carnis 4"	1	25.83	19.91	0.41	210.853 Cft		
(b) Roof slab office Room including carnis 4"	1	11.16	11.66	0.41	53.351 Cft		
c) Roof slab over Toilet (at Lintel level)	1	5.25	7.08	0.25	9.293 Cft		
				Total	832.10 Cft		
				or Say	23.563 Cum		
@	Rs	5,568.03	/cum			Rs	131196.87

5 Supplying , fitting and placing uncoated HYSD bars reinforcement complete as per drawing and technical specification.

i)Column base & footin	4.81	cum @	1.00	Qntl/cum	4.812 Qntl		
ii)Column	2.688	cum @	1.20	Qntl/cum	3.225 Qntl		
iii)Ground Beam	2.920	cum @	1.00	Qntl/cum	2.920 Qntl		
iv) Plinth Beam	2.639	cum @	1.00	Qntl/cum	2.639 Qntl		
v) Lintel Band	1.581	cum @	1.00	Qntl/cum	1.581 Qntl		
vi)Roof Beam on wall & verandah	#REF!	cum @	1.20	Qntl/cum		Qntl	
vii) Chajja	1.178	cum @	0.50	Qntl/cum	0.589 Qntl		
viii) Roof slab	7.744	cum @	0.80	Qntl/cum	6.196 Qntl		
				Total	21.962 Qntl		
@ Rs.		8,539.79	/ Qntl			Rs	187551.40

6 Rigid smooth Centering & Shuttering in RCC work & dismantalled the same after casting etc. Complete

(a)i) column base	11	14.00		0.83	127.820 sqft		
ii) Column Footing	11	8.66		1.00	95.260 sqft		
iii) Ground Beam	6	25.50		0.83	126.990 sqft		
	2	11.66		0.83	19.356 sqft		
	6	9.00		0.83	44.820 sqft		
	8	6.00		0.83	39.840 sqft		
	4	9.00		0.83	29.880 sqft		
Deduction column	-11	0.75		0.83	-6.848 sqft		
(iv) Plinth Beam	6	25.50		0.75	114.750 sqft		
	2	11.66		0.75	17.490 sqft		
	6	9.00		0.75	40.500 sqft		
	8	6.00		0.75	36.000 sqft		
	4	9.00		0.75	27.000 sqft		
Deduction column	-11	0.75		0.75	-6.188 sqft		
				Total	706.671 sqft		
				or Say	65.652 Sqm		
@	Rs	248.09	/Sqm			Rs	16287.35
(b) Lintel	6	25.50		0.50	76.500 sqft		
	2	11.66		0.50	11.660 sqft		
	6	9.00		0.50	27.000 sqft		
	8	6.00		0.50	24.000 sqft		
	4	9.00		0.50	18.000 sqft		
Deduction column	-11	0.75		0.50	-4.125 sqft		
				Total	153.035 sqft		
				or Say	14.217 Sqm		
@	Rs	577.04	/Sqm			Rs	8204.02
(c) Chajja ,							

verandah	1	10.00	2.00	20.000 sqft
window	3	6.00	1.50	27.000 sqft
	4	5.00	1.50	30.000 sqft
kitchen plate	1	8.00	1.50	12.000 sqft
	1	7.00	1.50	10.500 sqft
Inside Room				0.000 sqft
Bed Room	1	9.00	1.50	13.500 sqft
	1	1.50	1.50	2.250 sqft
Dinning Room	1	11.66	1.50	17.490 sqft
Kitchen Room	1	8.00	1.50	12.000 sqft
	1	7.00	1.50	10.500 sqft

vii)(a) Roof slab Building including carnis 4"	1	25.83	19.91	514.275 sqft
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(b) Roof slab office Room including carnis 4"	1	11.16	11.66	130.126 sqft
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© Roof slab over Toilet (at Lintel level)	1	9.00	19.91	179.190 sqft
			Total	978.831 sqft
			or Say	90.936 Sqm

@ Rs 760.09 /Sqm Rs 69120.32

(d)(i) column	11	3.00	15.34	506.220 sqft
			or Say	47.029 Sqm

@ Rs 1,208.13 /Sqm Rs 56817.61

7 2.5 cm thick grading with c.c (1:2:2) including gradinging using 4.7 mm hard broken granite chips on new work

Roof Slab Qtr	1	25.83	19.91	514.275 sqft
Roof Slab Office	1	11.16	11.66	130.126 sqft
Step(Verandah)	1	10.00	3.00	30.000 sqft
Step(Office)	1	5.00	3.00	15.000 sqft
			Total	689.401 sqft
			or Say	64.048 Sqm

@ Rs. 382.94 / Sqm Rs 24526.04

8 First class Flyash brick masonry in C.M.(1.6) in foundation & plinth / superstructure including cost, conveyance , and royalty of all materials complete.

(Below Plinth-3.33 ft ,Above Plinth-9ft excluding RCC structure like Plinth and lintel beam)

Superstructure

Long wall	3	25.50	0.75	12.33	707.434 Cft
	1	11.66	0.75	12.33	107.826 Cft
Cross wall	3	9.00	0.75	12.33	249.683 Cft
	4	6.00	0.75	12.33	221.940 Cft
	2	9.00	0.75	12.33	166.455 Cft
Step(Verandah)	1	10.00	3.00	0.83	24.900 Cft
	1	10.00	2.00	0.83	16.600 Cft
	1	10.00	1.00	0.83	8.300 Cft
Step(Office)	1	5.00	3.00	0.83	12.450 Cft
	1	5.00	2.00	0.83	8.300 Cft
	1	5.00	1.00	0.83	4.150 Cft

Deduction

Column	-11	0.75	0.75	12.33	-76.292 Cft
Doors (D)	-5	3.00	0.75	6.50	-73.125 Cft
Doors (D2)	-1	2.75	0.75	6.50	-13.406 Cft
Windows (W)	-4	4.00	0.75	4.00	-48.000 Cft

Windows (W2)	-2	3.00	0.75	4.00	-18.000 Cft
Ventilator (Toilet)	-1	2.00	0.75	2.00	-3.000 Cft
Ventilators (Rooms)	-8	1.50	0.75	1.00	-9.000 Cft
Total					1287.214 Cft
or Say					36.450 Cum
@ Rs	5,413.09	/ Cum			Rs 197306.14

9 16 mm thick cement plastering (1:6) over brick and rcc work of wall including cost, conveyance, royalty etc. complete.

Inside plaster area

M. Bed Room	2	10.66	13.58	289.526 sqft
	2	10.00	13.58	271.600 sqft
Verandah	2	4.00	13.58	108.640 sqft
	1	10.00	13.58	135.800 sqft
Dining Hall	2	8.92	13.58	242.267 sqft
	2	7.08	13.58	192.293 sqft
Toilet	2	7.08	13.58	192.293 sqft
	2	5.25	13.58	142.590 sqft
Drawing Room	2	10.00	13.58	271.600 sqft
	2	8.33	13.58	226.243 sqft
Kitchen Room	2	8.00	13.58	217.280 sqft
	2	7.08	13.58	192.293 sqft
Office Room	2	10.00	13.58	271.600 sqft
	2	10.00	13.58	271.600 sqft
Step(Verandah)	2	10.00	1.25	24.900 sqft
	1	10.00	2.49	24.900 sqft
Step(Office)	2	5.00	1.25	12.450 sqft
	1	5.00	2.49	12.450 sqft
<u>Deduction</u>				
Doors (D)	-5	3.00	6.50	-97.500 Sqft
Doors (D2)	-1	2.75	6.50	-17.875 Sqft
Windows (W)	-4	4.00	4.00	-64.000 Sqft
Windows (W2)	-2	3.00	4.00	-24.000 Sqft
Ventilator (Toilet)	-1	2.00	2.00	-4.000 Sqft
Total				2892.949 Sqft
or Say				268.764 Sqm

@ Rs. 271.40 / Sqm Rs 72941.30

10 12 mm thick Cement plastering (1:6) over brick wall including cost, conveyance, royalty etc. complete.

Outside plaster area

	2	25.50	13.58	692.580 sqft
	2	30.33	13.58	823.763 sqft
<u>Deduction</u>				
Doors (D)	-5	3.00	6.50	-97.500 Sqft
Doors (D2)	-1	2.75	6.50	-17.875 Sqft
Windows (W)	-4	4.00	4.00	-64.000 Sqft
Windows (W2)	-2	3.00	4.00	-24.000 Sqft
Ventilator (Toilet)	-1	2.00	2.00	-4.000 Sqft
Total				1308.968 sqft
or Say				121.607 Sqm

@ Rs. 187.61 / Sqm Rs 22814.68

11 Suppling ,fitting and fixing of MS Grill madeout of M.S angle at the periphery & M.S Sq bar in the inner design with hold fast made out of M.S Angle windows including cost of Screws with cost of Conveyance, Taxes of all matarials,labour,T&P etc Complete with all request

M.S Gril (Verandah Grill)	1	9.00	6.50	58.500 sqft
Window Grill	4	4.00	4.00	64.000 sqft
	2	3.00	4.00	24.000 sqft
Ventilator Grill	1	2.00	2.00	4.000 sqft

					Total	150.500 sqft		
					or Say	13.982 Sqm		
					Total	258.666 Kg		
Weight	18.50 Kg/sqm						Rs	47420.04
	@ Rs.	183.33	/kg					
12	Manufacturing ,Supplying,fitting and fixing of M.S . shutter door at Window and ventilator wit frame etc.complete							
Window Grill	4	4.00	4.00			64.000 sqft		
	2	3.00	4.00			24.000 sqft		
Ventilator Grill	1	2.00	2.00			4.000 sqft		
				Total		92.000 sqft		
				or Say		8.547 Sqm		
Weight	15.50 Kg/sqm				Total	132.480 Kg	Rs	24286.96
	@ Rs.	183.33	/kg					
13	Dressed, seasoned sal wood work framed and fixed (wrought and put up) in trusses, purlins, frames of doors.							
Doors Chaukath	5	16.00	0.33	0.25		6.60 cft		
				Total		6.60 cft		
				or Say		0.187 Cum	Rs	18393.09
	@ Rs	98,416.07	/Cum					
14	32mm piasal wood or local Teak wood panelled shutters moulded panels with all labour, iron fittings, and wooden hinged cleats etc fitted and fixed complete in all respect. But excluding the cost of iron fittings and Teak wood planks							
Doors	5	6.25	2.75			85.94 sqft		
				Total		85.94 sqft		
				or Say		7.984 Sqm		
	@ Rs	2,089.85	/sqm				Rs	16685.08
15	Priming one coat with approved wood primer on new work of wood							
Doors Chaukath	5	16.00	1.16			92.80 sqft		
				Total		92.8 sqft		
				or Say		8.621 Sqm		
	@ Rs	68.16	/sqm				Rs	587.63
16	Priming(Red oxide) one coat with approved primer on new work M.S.Grills and shutter doors and windows							
same as Item No-11 & 12						22.53 sqm		
	@ Rs	68.23	/sqm				Rs	1537.08
17	Painting two coats synthetic enamel paint with including material approved quality of paint on new work of M.S.Grills and shutter doors and windows							
same as Item No-11 & 12						22.53 sqm		
	@ Rs	188.66	/sqm				Rs	4250.27
18	Painting two coats french polish including material of approved quality of polish on new wood work of Doors & Windows etc complete							
same as Item No- 14						7.98 sqm		
	@ Rs	183.88	/sqm				Rs	1468.06
19	Supply, fitting ,fixing up Window (sliding type) made up aluminum section No-151-154, 151-155 , as window frame section No- 151-155 , 151-153 and 151-167 as shutter frame with 5 mm thinincludingck glass as pannel fitted with rubber beading including locking arrangement including all fitting including cost of materiala all taxes, labour etc. completed.							
Window Grill	4	4.00	4.00			64.000 sqft		
	2	3.00	4.00			24.000 sqft		
Ventilator Grill	1	2.00	2.00			4.000 sqft		
				Total		92.000 sqft		

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@ Rs. 7,729.98 /sqm or Say 8.547 Sqm Rs 66068.83

- 20 Fixing tiles in floors treads or steps & landing on 25 mm thick bed of cement mortar 1:1 joined with neat cement slurry mixed with pigment to match the shades of the tiles etc. complete (Ceramic Vetrified tile of 60 cm × 60 cm size)with wall rise 0.25 ft with same material

M.Bed Room	1	10.91	10.25	111.828	sqft
Drawing Room	1	8.58	10.25	87.945	sqft
Verandah	1	4.25	10.25	43.563	sqft
Kitchen Room	1	8.25	7.33	60.473	sqft
Dinning Room	1	9.17	7.08	64.924	sqft
Office Room	1	10.25	10.25	105.063	sqft
				<u>473.794</u>	sqft
				44.017	Sqm
@ Rs.	1,718.66	/sqm	or Say		Rs 75650.20

- 21 Fixing tiles in dados & rises of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tile (Ceramic wall tile of 20cm×20cm size) etc. complete.

Toilet	2	7.08	6.00	84.960	sqft
	2	5.25	6.00	63.000	sqft
Deduction					
Kitchen	1	8.00	3.50	28.000	sqft
	1	7.00	3.50	<u>24.500</u>	sqft
				200.460	sqft
				18.623	Sqm
@ Rs.	1,498.92	/sqm	or Say		Rs 27914.94

- 22 Priming one coat with approved primer over the plastered wall surface

Outside plaster area

	2	25.50	12.47	635.970	sqft
	2	30.33	12.47	756.430	sqft

Inner Plastering araea

M.Bed Room	2	10.66	9.50	202.540	sqft
	2	10.00	9.50	190.000	sqft
Verandah	2	4.00	9.50	76.000	sqft
	1	10.00	9.50	95.000	sqft
Dining Hall	2	8.92	9.50	169.480	sqft
	2	7.08	9.50	134.520	sqft
Toilet	2	7.08	4.00	56.640	sqft
	2	5.25	4.00	42.000	sqft
Drawing Room	2	10.00	9.50	190.000	sqft
	2	8.33	9.50	158.270	sqft
Kitchen Room	2	8.00	9.50	152.000	sqft
	2	7.08	9.50	134.520	sqft
Office Room	2	10.00	9.50	190.000	sqft
	2	10.00	9.50	190.000	sqft

Roof celling

Bed Room	1	10.66	10.00		
Verandah	1	4.00	10.00	40.000	sqft
Dining Hall	1	8.92	7.08	63.154	sqft
Toilet	1	7.08	5.25	37.170	sqft
Drawing Room	1	10.00	8.33	83.300	sqft
Kitchen Room	1	8.00	7.08	56.640	sqft
Office Room	1	10.00	9.50	95.000	sqft
Deduction both outer & inner					

Doors (D)	-10	3.00	6.50	-195.000 Sqft
Doors (D2)	-2	2.75	6.50	-35.750 Sqft
Windows (W)	-8	4.00	4.00	-128.000 Sqft
Windows (W2)	-4	3.00	4.00	-48.000 Sqft
Ventilator (Toilet)	-2	2.00	2.00	-8.000 Sqft
				<u>3333.884 Sqft</u>
			or Say	309.728 Sqm

@ Rs. 82.53 /sqm Rs 25561.00

23 Distempering two coats to walls with distemper of approved shade on new work to given an even shade

M.Bed Room	2	10.66	9.50	202.540 sqft
	2	10.00	9.50	190.000 sqft
Verandah	2	4.00	9.50	76.000 sqft
	1	10.00	9.50	95.000 sqft
Dining Hall	2	8.92	9.50	169.480 sqft
	2	7.08	9.50	134.520 sqft
Toilet	2	7.08	4.00	56.640 sqft
	2	5.25	4.00	42.000 sqft
Drawing Room	2	10.00	9.50	190.000 sqft
	2	8.33	9.50	158.270 sqft
Kitchen Room	2	8.00	9.50	152.000 sqft
	2	7.08	9.50	134.520 sqft
Office Room	2	10.00	9.50	190.000 sqft
	2	10.00	9.50	190.000 sqft

Roof ceiling

Bed Room	1	10.66	10.00	
Verandah	1	4.00	10.00	40.000 sqft
Dining Hall	1	8.92	7.08	63.154 sqft
Toilet	1	7.08	5.25	37.170 sqft
Drawing Room	1	10.00	8.33	83.300 sqft
Kitchen Room	1	8.00	7.08	56.640 sqft

Deduction

Doors (D)	-5	3.00	6.50	-97.500 Sqft
Doors (D2)	-1	2.75	6.50	-17.875 Sqft
Windows (W)	-4	4.00	4.00	-64.000 Sqft
Windows (W2)	-2	3.00	4.00	-24.000 Sqft
Ventilator (Toilet)	-1	2.00	2.00	-4.000 Sqft
			Total	<u>2053.86 sqft</u>
			or Say	190.810 Sqm

@ Rs. 90.62 /sqm Rs 17291.70

24 Providing two coats weather coat paint over a coat of wall cement primer including material approved quality of paint.

Outside plaster area

	2	25.50	12.83	654.330 sqft
	2	30.33	12.83	778.268 sqft

Deduction

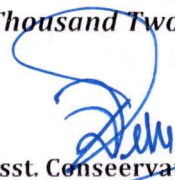
Doors (D)	-5	3.00	6.50	-97.500 Sqft
Doors (D2)	-1	2.75	6.50	-17.875 Sqft
Windows (W)	-4	4.00	4.00	-64.000 Sqft
Windows (W2)	-2	3.00	4.00	-24.000 Sqft
Ventilator (Toilet)	-1	2.00	2.00	-4.000 Sqft
				<u>1225.223 sqft</u>

or Say 113.827 Sqm

@ Rs. 61.09 /sqm Rs 6953.42

25 Add cost of PVC Door (Toilet)	on L.S	1 no	3350 L.S	Rs	3350.00
26 Add for Electrification work of Concealed coper Wiring of approved quality with modular pannel, earthing and out door lighting makes as per plan etc. complete. On L.S			L.S		30000.00
27 Add for fitting and fixing Toilet (Latrin pan with exhust), Bath room fitting ,wash basin , kitchen Sink with PH work including Over Head PVC Tank and Construction of Septic tank with RCC plate cover on L.S			L.S	Rs	33000.00
			Total		<u>1284948.42</u>
					<u>231290.72</u>
28 Add GST -18%				Grand Total	Rs <u>1516239.14</u>
			Limited to	Rs	<u>1516200.00</u>

(Rupees Fifteen Lakh Sixteen Thousand Two Hundred) only


Asst. Conseervator of Forest
I/C- Khallikote Range

Certified that this Estimate has been prepared at current the Schedule of Rates (post GST) and current Labour wages. The overhead charge (7.5%) and contractors profit (7.5%) has been including during preparation of the Estimate.


JUNIOR ENGINEER
KHALLIKOTE BLOCK

Approved


Divisional Forest Officer
Berhampur Forest Division


Asst. Conseervator of Forest
I/C- Khallikote Range

Lead Statement of Materials (Post GST)

Sl. No	Items	Location	Unit	Basic Cost of materials post GST	Distance in K.M	Initial lead upto 5 Km in Rs	Extra lead 6 to 50 Km	Extra lead beyond 50 Km	Conveyance (7+8+9)	Royalty	Conveyance + Royalty	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Fly ash bricks (23 cmx11cmx8cm)	Local	Nos	4554.88	5	386.91	0.00	0.00	386.91	0.00	386.91	4941.79
2	Filling Sand	Local	cum	62.86	5	149.67	0.00	0.00	149.67	35.00	184.67	247.53
3	Sand for Mortar	local	cum	66.23	5	149.67	0.00	0.00	149.67	35.00	184.67	250.90
4	French Polish	Local	lit	172.90	5	0	0.00	0.00	0.00	0.00	0	172.90
5	40 mm CB Metal	Local	cum	995.25	5	149.67	0.00	0.00	149.67	130.00	279.67	1274.92
6	20 mm CB Chips	Local	cum	1382.29	5	149.67	0.00	0.00	149.67	130.00	279.67	1661.96
7	12 mm CB Chips	Local	cum	1396.62	5	149.67	0.00	0.00	149.67	130.00	279.67	1676.29
8	10 mm CB Chips	Local	cum	1407.77	5	149.67	0.00	0.00	149.67	130.00	279.67	1687.44
9	6.7 mm CB Chips	Local	cum	880.00	5	149.67	0.00	0.00	149.67	130.00	279.67	1159.67
10	4.7 mm CB Chips	Local	cum	813.91	5	149.67	0.00	0.00	149.67	130.00	279.67	1093.58
11	Cement -43 grade	Local	Quintel	650.00	5	16.17	0.00	0.00	16.17	0.00	16.17	666.17
12	HYSD Steel	Local	Tone	75000.00	5	161.72	0.00	0.00	161.72	0.00	161.72	75161.72
13	Binding Wire	Local	Kg	90.10	5	0.16	0.00	0.00	0.16	0.00	0.16	90.26
14	75-120 mm dia Sal bullah x5.5 long	Local	Rmt	51.87	5	0	0.00	0.00	0.00	0.00	0	51.87
15	150-200 mm dia Sal bullah x5.5 long	Local	Rmt	124.26	5	7.31	0.00	0.00	7.31	0.00	7.31	131.57
16	75 mm dia Non Sal bullah	Local	Rmt	30.81	5	0	0.00	0.00	0.00	0.00	0	30.81
17	100 mm dia Non Sal bullah	Local	Rmt	41.81	5	0	0.00	0.00	0.00	0.00	0	41.81
18	125 mm dia Non Sal bullah	Local	Rmt	41.81	5	0	0.00	0.00	0.00	0.00	0	41.81
19	150-200 mm dia Non Sal bullah	Local	Rmt	67.82	5	0	0.00	0.00	0.00	0.00	0	67.82
20	Seasoned SalWood beam of CS area not less than 150 Sq.cm & least lateral dimension 100 mm & above 2.75 m. long	Local	cum	65533.50	5	129.37	0.00	0.00	129.37	0.00	129.37	65662.87
21	Non Sal Wood Scantling &plants (Tentra, Kasi,Gambhari,Kuruma)	Local	cum	58374.79	5	129.37	0.00	0.00	129.37	0.00	129.37	58504.16
22	Non Sal reapers	Local	cum	13268.45	5	129.37	0.00	0.00	129.37	0.00	129.37	13397.82
23	Ceramic wall tiles (20 cmx30 cm)/(20 cmx 20cm) plain/printed having thickness 6.5mm to 6.7mm	Local	Sqm.	405.20	5	5.37	9.90	0.00	15.27	0.00	15.27	420.47
24	Ceramic floor tiles (30 cmx30 cm)/(40 cmx 40cm) plain/printed having thickness 7 mm to 8 mm	Local	Sqm.	450.08	5	5.37	9.90	0.00	15.27	0.00	15.27	465.35
25	Verified polished floor tile 600mmx600mm plain (ivory) having thickness 8mm to 10 mm	Local	Sqm.	651.08	5	5.37	9.90	0.00	15.27	0.00	15.27	666.35
26	Verified polished floor tile 600mmx600mm colour/printed having thickness 8mm to 10 mm	Local	Sqm.	695.76	5	5.37	9.90	0.00	15.27	0.00	15.27	711.03
27	Wood Primer	Local	ltr	155.08	5	0.16	0.36	0.00	0.52	0.00	0.52	155.60
28	Wall Primer (oil bound)	Local	ltr	125.50	5	0.16	0.36	0.00	0.52	0.00	0.52	126.02

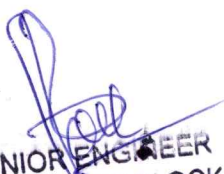
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29	Wall Primer (water bound)	Local	ltr	159.03	5	0.16	0.36	0.00	0.52	0.00	0.52	159.55
30	Weather coat	Local	ltr	194.79	5	0.16	0.36	0.00	0.52	0.00	0.52	195.31
31	Plaster of paris	Local	Kg	17.23	5	0.16	0.36	0.00	0.52	0.00	0.52	17.75
32	Enamel paint	Local	ltr	205.34	5	0.16	0.36	0.00	0.52	0.00	0.52	205.86
33	Distemper	Local	Kg	70.10	5	0.16	0.36	0.00	0.52	0.00	0.52	70.62
34	Cement paint	Local	Kg	47.83	5	0.16	0.36	0.00	0.52	0.00	0.52	48.35
35	Redoxide Primer	Local	ltr	142.70	5	0.16	0.36	0.00	0.52	0.00	0.52	143.22
36	Black Glass-5mm	Local	Sqm.	705.01	5	0.39	0.86	0.00	1.25	0.00	1.25	706.26
37	Aluminum extruded section	Local	Kg	297.97	5	0.52	1.17	0.00	1.69	0.00	1.69	299.66
38	M.S angle/sheet	Local	Tone	75000.00	5	161.72	0.00	0.00	161.72	0.00	161.72	75161.72

Rate of Labour wages

1	Male mulia	462.00
2	Female mulia	462.00
3	Semi-skilled mulia	512.00
4	Helper to carpenter, blacksmith, painter	512.00
5	Rod binder and bender	512.00
6	Thatcher or Gharami	512.00
7	Tile turner or tile layer	512.00
8	Well sinker (Open well)	512.00
9	Stone packer	512.00
10	Mason second class	562.00
11	Blacksmith second class	562.00
12	Carpenter second class	562.00
13	Painter (2nd class)	562.00
14	Mason (Special)	612.00
15	Blacksmith (Special)	612.00
16	Carpenter (Special)	612.00
17	Painter (Special)	612.00

Certified that the leads provided above are correct and minimum to the best of my knowledge.


JUNIOR ENGINEER
KHALLIKOTE BLOCK


Asst. Conservator of Forest
I/C- Khallikote Range

Approved

Divisional Forest Officer
Berhampur Forest Division

Analysis Rates

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No.	Description	Quantity	Unit	Rate in Rs	Amount in Rs
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- 1 Earthwork in excavation of foudation in ordinary soil and clearing the excavated materials with in 50m and 1.5m initial lift including rough dressing , breaking clods and laying in layer and leveling bed etc complete

As per A/R, item-2(a),page-1

Mulia	32 nos @ Rs	462.00	14784.00
Total			14784.00
Add 20% extra towards excavation of foundation			2956.80
			17740.80
Add 15% for O.H Charges and Contractors profit			2661.12
Total		Rs	20401.92 / 100 Cum
		Rs	204.02 /cum
Labour Cess 1%		Rs	2.04
Total		Rs	206.06 /cum

- 2 Providing and laying sand in foundation & plinth with sand well watered and rammed including Cost, conveyance, & royalties etc.complete.

As per A/R, item-15,page-8

Data for 100 cum

Sand	100.00 Cum@ Rs	62.86	6286.00
Mulia	12.36 nos @ Rs	462.00	5710.32
Total			11996.32
Carriage & royalty of sand	100.00 Cum@ Rs	184.67	18467.00
		Rs	30463.32 /100 cum
Add 15% for O.H Charges and Contractors profit		Rs	4569.50
		Total	35032.82 /100 cum
	Per Cum		350.33 /cum
Labour Cess 1%		Rs	3.50
Total		Rs	353.83 /cum

- 3 Cement Concrete Proportion (1:4:8) in foundation and floors using with 40 mm hard broken granite metal including hoisting , lowering and laying in layers not exceedind 15 cm thick to the required level , ramming watering and curing etc complete including all cost , conveyance, taxes and royalties of all materials complete.

As per A/R, item-4,page-43

HG metal 40m size	0.96 Cum@ Rs	995.25	955.44
Sand	0.48 Cum@ Rs	66.23	31.79
Cement	1.72 Qntl@ Rs	650.00	1118.00
Mason 2nd Class	0.18 nos @ Rs	562.00	101.16
Mulia	3.9 nos @ Rs	462.00	1801.80
Total			4008.19
Carrage & Royalty of metal	0.96 Cum@ Rs	279.67	268.48
Carrage & Royalty of sand	0.48 Cum@ Rs	184.67	88.64
Carrige of cement	1.72 Qntl@ Rs	16.17	27.81
		Total	4393.13
Add 15% for O.H Charges and Contractors profit		Rs	658.97
Labour Cess 1%		Rs	43.93
Total	per cum	Rs	5096.03 /cum

- 4 First class Flyash brick masonry in C.M.(1.6) in foundation & plinth / superstructuer including cost, conveyance , and royalty of all materials complete.

As per A/R, item-3, page-71

Bricks(23cm*11cm*8cm) size	400 nos @ Rs	4.555	1821.95
sand	0.28 Cum@ Rs	66.23	18.54
Cement	0.672 Qntl@ Rs	650.00	436.80
mason 1st class	0.35 nos @ Rs	612.00	214.20
mason 2nd class	1.05 nos @ Rs	562.00	590.10
Mulia	2.96 nos @ Rs	462.00	1367.52
Total per one cum			4449.12
Carriage & royalty of sand	0.28 Cum@ Rs	184.67	51.71
Carriage of Cement	0.672 Qntl@ Rs	16.17	10.87
Carriage of bricks	400 nos (1 cum)@ Rs	0.38691	154.76
Total		Rs	4666.45
Add 15% for O.H Charges and			
Contractors profit		Rs	699.97
Labour Cess 1%		Rs	46.66

**For founation ,Plinth & Super
strucre**

Rs

5413.09 /cum

- 5 R.C.C.work of M-20 grade with cement concrete proportionation (1:1.5:3) and 20 mm down grade hard broken granite(crusher broken) chips for RCC works including hoisting laying with all cost, conveyance, and royalty of all materials complete.

As per A/R, item-4, page-50

Data for 15 Cum

Material

HG chips 20 mm size	8.10 Cum@ Rs	1382.29	11196.55
HG chips 10mm size	5.40 Cum@ Rs	1407.77	7601.96
Sand	6.75 Cum@ Rs	66.23	447.05
Cement	52.10 Qntl@ Rs	650.00	33865.00

Labour

Mate	0.86 nos @ Rs	512.00	440.32
Mason 2nd class	1.5 nos @ Rs	562.00	843.00
Man mulia	20 nos @ Rs	462.00	9240.00

Machinery

Concrete mixture	6 hour	177.00	1062.00
Generator 33 KVA	6 hour	240.00	1440.00
			66135.88

Conveyance & royalty

20 mm size chips	8.1 Cum@ Rs	279.67	2265.33
10 mm size chips	5.4 Cum@ Rs	279.67	1510.22
Sand	6.75 Cum@ Rs	184.67	1246.52
cement	52.1 Qntl@ Rs	16.17	842.46
Total	per 15 cum	Rs	72000.40
	Per 1 cum	Rs	4800.03 /cum

Add 15% for O.H Charges and
Contractors profit
Labour Cess 1%

Rate for Ground Floor

Rs 720.00

Rs 48.00

Rs **5568.03 /cum**

- 6 Supplying ,cutting, binding and placing uncoated HYSD bars reinforcement complete as per drawing and technical specification including cost of bars and binding wire etc. Complete

As per A/R, item-9, page-52

Data for 1.0 MT

A) Material cost

HYSD bar including 5% overlap and wastage	1.05 MT	75000.00	78750.00
Binding wire	8.00 Kg	90.10	720.80

B) Labour

Mate	0.44 nos @ Rs	512.00	225.28
Black smith Spl	3 nos @ Rs	612.00	1836.00
Mulia	8 nos @ Rs	462.00	3696.00
carriage of Steel	1.05 MT @Rs	161.72	169.81

Add 15% for O.H Charges and
Contractors profit
Labour Cess 1%

Total

85397.89 / MT

112

Rs 12809.68

Rs 853.98

Total

99061.55 / MT

Rs 8539.79 /Qntl

Rate for Ground floor

7 Rigid smooth centering & shuttering for RCC works including false work and dismantling then after casting including cost of all materials

As per A/R, item-10, page-53

(i) For RCC foundation,plinth band,footings,base of columns mass concrete

25 mm thick non-sal planks

10.66 sqm for 0.267 cum 0.267 cum @ Rs 58374.79 15586.07

Non - sal bullah 80 mm dia. for
suttering

12.60 m @ Rs 30.81 388.21

Convey of wood 0.3284 cum @ Rs 129.37 42.49

Total 16016.76

Considering the materials to be
used for 10 times

For once use 1601.68

Carpenter(2nd class) 0.50 nos @ Rs 562.00 281.00

S.S Mulia 0.50 nos @ Rs 512.00 256.00

For 10 Sqm Total 2138.68

For one Sqm 213.87

Total Rs 213.87 sqm

Add 15% for O.H Charges and
Contractors profit

Rs 32.08

Labour Cess 1% Rs 2.14

Ground floor Rate per one
sqm

Rs 248.09 sqm

(ii)For RCC Lintel band Details for 7.8 sqm.

38 mm thick non-sal planks

10.87 sqm for 0.413 cum 0.413 cum @ Rs 58374.79 24108.79

120 mm dia Non-Sal bullah 21.00 mt @ Rs 41.81 878.01

Carriage of wood 0.689 cum @ Rs 129.37 89.14

Total 25075.93

Considering the materials to be
used for 10 times

For once use 25075.93 /10 2507.59

Carpenter 2nd class 1.25 nos @ Rs 562.00 702.50

SS Mulia 1.25 nos @ Rs 512.00 640.00

Cost of nails 30.00

3880.09

Total for 7.80 sqm 3880.09

Total 497.45 /sqm

Add 15% for O.H Charges and
Contractors profit
Labour Cess 1%

Rs 74.62

Rs 4.97 /sqm

Ground floor Rate per one
sqm

Rs 577.04 /sqm

(iii)For R.C.C floor and roof slab, landing, balconies, projecting sunshadesand chajjas upto

Non- sal Wood scanting 0.112 cum @ Rs 58374.79 6537.98

Plank 38 mm 0.34 cum @ Rs 58374.79 19847.43

120 mm dia -Sal bullah 56.00 m @ Rs 51.87 2904.72

Carriage of wood 1.142 cum @ Rs 129.37 147.74

29437.87

Considering the materials to be
used for 10 times

For once use 29437.87 /10 2943.79

Carpenter 2nd class 2.75 nos @ Rs 562.00 1545.50

SS Mulia	2.75	nos @ Rs	512.00	1408.00
Total				5897.29
Total / 9 sqm				655.25
				655.25 /sqm
Add 15% for O.H Charges and Contractors profit			Rs	98.29
Labour Cess 1%			Rs	6.55

Ground floor Rate per one sqm

Rs **760.09** /sqm

(iv) For RCC beams, Column, grider and bressmer, etc Data for 4.20 sqm.

38 mm thick non-sal planks				
5 73 sqm for 0.218 cum	0.218	cum @ Rs	58374.79	12725.70
120 mm dia Sal bullah	15.20	m @ Rs	51.87	788.42
80 mm dia non-sal bullah for brassing	8.00	m @ Rs	41.81	334.48
Carriage of wood	0.456	cum @ Rs	129.37	58.99
				13907.60

Considering the materials to be used for 10 times

For once use	13907.60 /10			1390.76
Carpenter 2nd class	2.75	nos @ Rs	562.00	1545.50

S.S Mulia	2.75	nos @ Rs	512.00	1408.00
Cost of nails L.S				30.00
Total / 4.2 sqm			Total	4374.26
Total / sqm				1041.49
				1041.49 /sqm

Add 15% for O.H Charges and Contractors profit
Labour Cess 1%

Rs 156.22
Rs 10.41

Ground floor Rate per one sqm

Rs **1208.13** /sqm

C.C.(1:2:4) with 12 mm hard broken granite chips for CC works including cost, conveyance and

8 royalty of all materials complete.

As per A/R, item-7, page-44

HG chips 12 mm size	0.9	cum @	Rs	1396.62	1256.96
Sand	0.45	cum @	Rs	66.23	29.80
Cement	3.23	qntl @ Rs		813.91	2628.93
Mason 2nd class	0.68	nos @Rs		562.00	382.16
Man Mulia	4.6	nos @Rs		462.00	2125.20
Total			Rs	3489.28	
Carriage & royalty of chips	0.9	cum @	Rs	279.67	251.70
Carriage & royalty of sand	0.45	cum @	Rs	184.67	83.10
Carriage of cement	4.29	qntl @ Rs		16.17	69.37

Total per cum Rs 3788.32 / cum

Add 15% for O.H Charges and Contractors profit
Labour Cess 1%

Rs 568.25
Rs 37.88

Ground floor Rate per one cum

Rs **4394.45** /cum

9 2.5 cm thick grading with c.c (1:2:2) including grading using 4.7 mm hard broken granite chips on new work

HG chips 4.7 mm size	0.0169	Cum@ Rs	813.91	13.76
Sand	0.0169	Cum@ Rs	30.81	0.52
Cement	0.1208	Qntl@ Rs	650.00	78.52
Mason 1stclass	0.10	nos @ Rs	612.00	61.20
Mulia	0.36	nos @ Rs	462.00	166.32

Total			320.315768
Carriage & royalty of chips	0.0169 Cum@ Rs	279.67	4.73
Carriage & royalty of sand	0.0169 Cum@ Rs	184.67	3.12
Carriage of cement	0.1208 Qntl@ Rs	16.17	1.95
Rate for Ground floor	Total	Rs	330.12 /sqm
Add 15% for O.H Charges and			
Contractors profit		Rs	49.52
Labour Cess 1%		Rs	3.30
Ground floor Rate per one			
sqm		Rs	382.94 /sqm

- 10 12 mm thick cement plastering (1:6) for brick work including cost, conveyance, royalty etc. complete.

As per A/R, item-4, page-103

Sand	0.015 Cum@ Rs	66.23	0.99
Cement	0.0358 Qntl@ Rs	650.00	23.27
Mason 2nd class	0.14 nos @ Rs	562.00	78.68
Mulia	0.12 nos @ Rs	462.00	55.44
Total			158.38
Carriage & royalty of sand	0.015 Cum@ Rs	184.67	2.77
Carriage of cement	0.0358 Qntl@ Rs	16.17	0.58
			161.73
	Total	Rs	161.73 /sqm
Add 15% for O.H Charges and			
Contractors profit		Rs	24.26
Labour Cess 1%		Rs	1.62
Ground floor Rate per one			
sqm		Rs	187.61 /sqm

- 11 16 mm thick cement plastering (1:6) over brick or stone wall including cost, conveyance, royalty etc. complete.

As per A/R, item-14, page-105

Sand	0.018 Cum@ Rs	66.23	1.19
Cement	0.043 Qntl@ Rs	650.00	27.95
Mason 2nd class	0.16 nos @ Rs	562.00	89.92
Mulia	0.24 nos @ Rs	462.00	110.88
Total		Rs	229.94
Carriage & royalty of sand	0.018 Cum@ Rs	184.67	3.32
Carriage of cement	0.043 Qntl@ Rs	16.17	0.70
			233.96
	Total	Rs	233.96 /sqm
Add 15% for O.H Charges and			
Contractors profit		Rs	35.09
Labour Cess 1%		Rs	2.34
Ground floor Rate per one			
sqm		Rs	271.40 /sqm

- 12 Suppling ,fitting and fixing of MS Grill madeout of M.S angle at the periphery & M.S Sq bar in the inner design with hold fast made out of M.S Angle windows including cost of Screws with cost of Conveyance, Taxes of all matarials,labour,T&P etc Complete with all request

As per A/R, item- 4, page- 225

For 1 qntl.

Data for 0.508 qntl.

Labour

Black Smith(Special)	0.75 nos @ Rs	612.00	459
Black Smith(Second class)	1.00 nos @ Rs	562.00	562.00
Fitter(Special)	1.00 nos @ Rs	612.00	612.61
Fitter(Second class)	1.00 nos @ Rs	562.00	562.56
Helper to Blacksmith	1.00 nos @ Rs	512.00	512.51
Man mulia	3.25 nos @ Rs	462.00	1501.50
	Total	Rs	4210.19

Rate per qntl.(M.S Angle/ sheet)	Rs	4210.19	
Rate per Kg.(Labour)	Rs	8287.77 /qntl	
Cost of M.S Angle/ sheet(with Transportation ,Loading & unloading)	Rs	82.88 /Kg.	
	Rs	75.16 /Kg.	
Total	Rs	158.04 /Kg.	
Add 15% for O.H Charges and			
Contractors profit	Rs	23.71	
Labour Cess 1%	Rs	1.58	
Ground floorRate per Kg	Rs	183.33 /Kg	

- 13 Distemping two coats to walls with distemper of approved shade on new work to given an even shade including cost of distemper

As per A/R, item-22, page- 99

Data for 10 sqm				
cost of Distemper	2.5 Kg @Rs	70.62	176.55	
Painter (special)	0.52 nos @ Rs	612.00	318.24	
Mulia	0.62 nos @ Rs	462.00	286.44	
Total		Rs	781.23	
			781.23 /10sqm	
	Per one sqm		78.12 /sqm	
Rate per one sqm		Rs	78.12 / sqm	
Add 15% for O.H Charges and				
Contractors profit		Rs	11.72	
Labour Cess 1%		Rs	0.78	
Ground floor Rate per one sqm		Rs	90.62 /sqm	

- 14 Priming one coat with approved primer on new work of wood Data for 9.30 sqm

As per A/R, item-1 ,page-93

Painter special	0.5 nos @ Rs	612.00	306.00	
Mulia	0.5 nos @ Rs	462.00	231.00	
Sundries, brushes, soap & putties 2%			0.00	
			537.00	
Cost Primer	0.075 Ltr @ Rs	126.02	9.45	
Total		Rs	546.45 /sqm	
Rate per one sqm		Rs	58.76 /sqm	
Add 15% for O.H Charges and				
Contractors profit		Rs	8.81	
Labour Cess 1%		Rs	0.59	
Ground floor Rate per one sqm		Rs	68.16 /sqm	

- 15 Priming(Red oxide) one coat with approved primer on new work Data for 9.30 sqm

As per A/R, item-1 ,page-93

Painter special	0.5 nos @ Rs	612.00	306.00	
Mulia	0.5 nos @ Rs	462.00	231.00	
			537.00	
Cost Red oxide	0.070 Ltr @ Rs	143.22	9.99	
	Rate/9.30 sqm.	Rs	546.99	
	Rate per one sqm	Rs	58.82 /sqm	
Add 15% for O.H Charges and				
Contractors profit		Rs	8.82	
Labour Cess 1%		Rs	0.59	

**Ground floor Rate per one
sqm**

Rs **68.23** /sqm

- 16 Painting two coats synthetic enamel paint with including material approved quality of paint on new work of iron Data for 9.30 sqm.

As per A/R, item-3 ,page-93

Painter special

1.25 nos @ Rs 612.00 765.00

Mulia

1.1 nos @ Rs 462.00 508.20

Say

1273.20

For one sqm

136.90

Cost of Material for 10 sqm

Enamel paint for two coats

1.25 Ltr @ Rs 205.86 257.33

Total/sqm

Rs 25.73

Rate per one sqm((Material +
Labour)

Total/ Sqm

Rs 162.64 / sqm

Total

162.64 / sqm

Add 15% for O.H Charges and

Contractors profit

Rs 24.40

Labour Cess 1%

Rs 1.63

**Ground floor Rate per one
sqm**

Rs **188.66** /sqm

- 17 Painting two coats french polish including material of approved quality of polish on new wood work of Doors & Windows Data for 9.30 sqm.

As per A/R, item-3 ,page-93

Painter special

1.25 nos @ Rs 612.00 765.00

Mulia

1.1 nos @ Rs 462.00 508.20

Say

1273.20

For one sqm

136.90

Cost of Material for 10 sqm

Enamel paint for two coats

1.25 Ltr @ Rs 172.9 216.13

Total/sqm

Rs 21.61

Rate per one sqm((Material +
Labour)

Total/ Sqm

Rs 158.52 / sqm

2% Sundries, brushes, putty
etc. (Lab)

Rs 0.00

Total

158.52 / sqm

Add 15% for O.H Charges and

Contractors profit

Rs 23.78

Labour Cess 1%

Rs 1.59

**Ground floor Rate per one
sqm**

Rs **183.88** /sqm

- 18 Providing two coats weather coat paint over a coat of wall cement primer including material approved quality of paint.

A) Primer one coat (Data for 9.30 sqm)

As per A/R, item-1 ,page-93

Painter special

0.5 nos @ Rs 612.00 306.00

Mulia

0.5 nos @ Rs 462.00 231.00

Sundries, brushes, soap &
putties 2%

0.00

537.00

Cost wall Primer (water bound)

0.781 Ltr @ Rs

159.55 124.64

Rate per 9.3 Sqm

Rs 661.64 /sqm

Rate per one sqm

Total (A)

Rs 71.14 /sqm

Add 15% for O.H Charges and

Contractors profit

Rs 10.67

Labour Cess 1%

Rs 0.71

**Ground floor Rate per one
sqm**

Rs **82.53** /sqm

17

B) Paintingn two coat (Data for 10.0 sqm)

As per A/R, item-18 ,page-98

Painter special	0.22 nos @ Rs	612.00	134.64
Mulia	0.32 nos @ Rs	462.00	147.84
Sundries, brushes, soap & putties 2%			0.00
			282.48
Cost of Material for 10 sqm			
weather coat Paint for two coats	1.25 Ltr @ Rs	195.31	244.14
	Total/10 sqm	Rs	526.62
Rate per one sqm((Meterial + Labour)	Total/ Sqm	Rs	52.66 / sqm
	Total (B)		52.66 / sqm
Add 15% for O.H Charges and Contractors profit		Rs	7.90
Labour Cess 1%		Rs	0.53
Ground floor Rate per one sqm		Rs	61.09 /sqm
Rate for Ground Floor	G.Total (A+B)		143.61 / sqm

19 Dressed, seasoned sal wood work framed and fixed (wrought and put up) in trusses, purlins, frames of doors, windows, ventilators and beam.

As per A/R, item-2 ,page-132

Data for 0.028 cum			
sal wood scantling sawn	0.028 Cum@ Rs	65662.87	1838.56
carpenter special	0.5 nos @ Rs	612.00	306.00
Man Mulia	0.5 nos @ Rs	462.00	231.00
	for 0.028 Cum	Rs	2375.56
	for 1 Cum	Rs	84841.44
Rate for Ground Floor	Total	Rs	84841.44 / Cum
Add 15% for O.H Charges and Contractors profit		Rs	12726.22
Labour Cess 1%		Rs	848.41
Ground floor Rate per one cum		Rs	98416.07 /cum

20 32mm piasal wood or local Teak wood panelled shutters moulded panels with all labour, iron fittings, and wooden hinged cleats etc fitted and fixed complete in all respect. But excluding the cost of iron fittings

Per 1Sqm

Data for a doors 1.07m x 2.13m

a) Material

Area of shutters $0.94 \times 2.0m = 1.88sqm$

i)Piasal wood planks for shutters 2.08 sqm or 0.06656 Cum 2.08 sqm or 0.06656 Cum Supplied by Department

ii)Wooden hinged cleats 2 nos @ Rs 57.5 115.00

b) Labour

Labour for making shutters

(I) Carpenter Special 2 Nos 2 nos @ Rs 612.00 1224.00

(ii) Helper 2 Nos. 2 nos @ Rs 512.00 1024.00

Labour for fixing shutters

Carpenter 2nd class 1 nos @ Rs 562.00 562.00

Man mulia 1 nos @ Rs 462.00 462.00

Rs 3387.00

Add 15% for O.H Charges and
Contractors profit
Labour Cess 1%

Rs 508.05
Rs 33.87
Rs 3928.92 / 1.88 sqm

**Ground floor Rate per one
sqm**

Rs 2089.851 /sqm

- 21 Fixing tiles in floors treads or steps & landing on 25 mm thick bed of cement mortar 1:1 joined with neat cement slurry mixed with pigment to match the shades of the tiles etc. complete (Ceramic Vetrified tile of 60 cm × 60 cm size)

As per A/R, item- 16, page- 89

Detailed for 10 sqm

7mm to 8mm thick vitrified

floor tiles (60 ×60)cm size

Sand

Cement

Cement for slurry st the rate of

4.4 Kg/ sqm

Cement for grouting

Mason spl class

SS mulia or rubbing mulia

Mulia

10 sqm @ Rs

0.13 Cum@ Rs

1.875 Qntl@ Rs

0.44 Qntl@ Rs

0.44 Qntl@ Rs

2.16 nos @ Rs

5.50 nos @ Rs

2.16 nos @ Rs

711.03 7110.30

66.23 8.61

650.00 1218.75

650.00 286.00

650.00 286.00

612.00 1321.92

512.00 2816.00

462.00 997.92

14045.50

Total

per 10 sqm

Total

1404.55 /sqm

Rate per one sqmt

Carriage & royalty of sand

Carriage of cement

Total

Wax polishing

Rate per sqm

Add 15% for O.H Charges and

Contractors profit

Labour Cess 1%

0.13 Cum@ Rs

2.755 Qntl@ Rs

/sqm

184.67

24.01

16.17

44.55

Rs 1473.11 /sqm

8.50 /sqm

Rs 1481.61 /sqm

Rs 222.24

Rs 14.82

**Ground floor Rate per one
sqm**

Rs 1718.66 /sqm

- 22 Fixing tiles in dados & rises of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tile (Ceramic wall tile of 20cm×20cm size) etc. complete.

As per A/R, item- 17, page- 90

6.5mm to 6.7 mm Ceramic tiles(

20×20)cm

Sand

Cement

Cement slurry 4.40Kg/sqmt

Mason spl

Mulia

10 sqm @ Rs

0.15 Cum@ Rs

0.715 Qntl@ Rs

0.66 Qntl@ Rs

3.25 each @ Rs

3.25 each @ Rs

405.20 4052.00

66.23 9.93

650.00 464.75

650.00 429.00

612.00 1989.00

462.00 1501.50

512.00 3891.20

Rs 12337.38

Total 1233.74 /sqm

Semi- skilled mulia for rubbing

Total

per 10 sqm

Rate per one sqmt

Overhead Charges @ 10%

Carriage & royalty of sand

carriage of cement

0.15 Cum@ Rs

1.375 Qntl@ Rs

184.67 27.70

16.17 22.23

Rs 1283.67 /sqm

8.50 /sqm

Rs 1292.17 /sqm

Wax ploishing

Rate per sqm

Add 15% for O.H Charges and

Contractors profit

Labour Cess 1%

Rs 193.83

Rs 12.92

**Ground floor Rate per one
sqm**

Rs 1498.92 /sqm

- 23 Supply, fitting, fixing up Window (sliding type) made up aluminum section No-151-154, 151-155, as window frame section No- 151-155, 151-153 and 151-167 as shutter frame with 5 mm thin including glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes, labour etc. completed.

As per A/R, item-7, page-240

- Data for 4'-0" X 4'-0" = 16sqft or, 1.49 sqm

(a) Materials

Aluminum Sec. No- 151-154	2.44 mt@ 0.875 kg/m = 2.13 Kg
Top & Bottom Sec. No- 151-155	2.44 mt@ 0.765 kg/m = 1.87 Kg
Inter Lock Sec No - 151-153	2.44 mt@ 0.492 kg/m = 1.20 Kg
Aluminum Sec. No- 151-152	2.44 mt@ 0.465 kg/m = 1.13 Kg
H- Section No- 151-167	2.44 mt@ 0.587 kg/m = 1.43 Kg
	Total = 7.76 Kg

Westage 10% = 0.77 kg

Aluminum section	8.53	Kg @	Rs	299.66	2556.0998
PVC plug		8 no.s @ RS		1.50	12.00
Al. screws of different size	L.S				30.00
U rubber beading		9.75 mt @ Rs		7.00	68.25
5 mm thick black glass	1.493 sqm				
westage 10%	0.15 sqm				
	1.64 sqm @ Rs			706.26	1158.26
Al. wheel runner	8 no. @ Rs			25.00	200.00
Handle with lock	2 no. @ Rs			40.00	80.00
Hire charges of drills machine	1 day @ Rs			100.00	100.00

(b) Labour

Carpenter 1st class	5.33 no	612.00	3261.96
Mulia	5.33 no	462.00	2462.46
	Rate /1.49 sqm		9929.03
	Rate /sqm		6663.78 /Sqm

Add 15% for O.H Charges and

Contractors profit

Labour Cess 1%

Ground floor Rate per one
sqm

Rs 999.57
Rs 66.64

Rs 7729.98 /sqm

JUNIOR ENGINEER
KHALLIKOTE BLOCK

Divisional Forest Officer
Berhampur Forest Division

Asst. Conservator of Forest
I/C- Khallikote Range

A

DETAILED ABSTRACT OF ESTIMATE					
Construction of Forest Guard Quater at Kumaripari Beat					
Sl. No.	Description of Work	Quantity	Unit	Rate in Rs	Amount In Rs
1	Earthwork in excavation of foundation in hard soil and clearing the excavated materials with in 50m and 1.5 initial lift.	49.582	cum	206.06	10216.77
2	Providing and laying sand in foundation & plinth with sand well watered and rammed including Cost, conveyance, & royalties etc.complete.	41.635	cum	353.83	14731.70
3	Cement Concrete Proportion (1:4:8) in foundation and floors using with 40 mm hard broken granite metal including hoisting, lowering and laying in layers not exceedind 15 cm thick to the required level, ramming watering and curing etc complete including all cost, conveyance, taxes and royalties of all materials complete.	14.289	cum	5096.03	72815.92
4	R.C.C.work of M-20 grade with cement concrete proporation (1:1.5:3) and 20 mm down grade hard broken granite(crusher broken) chips for RCC works including hoisting laying with all cost, conveyance, and royalty of all materials complete.	23.563	cum	5568.03	131196.87
5	Supplying, fitting and placing uncoated HYSD bars reinforcement complete as per drawing and technical specification.	21.962	Qntl	8539.79	187551.40
6 (i)	Rigid smooth Centering & Shuttering in RCC work & dismantalled the same after casting etc. Complete (I)RCC foundation,plinth band,footings,base of columns mass concrete	65.652	sqm	248.09	16287.35
(ii)	Rigid smooth Centering & Shuttering RCC Lintel band	14.217	sqm	577.04	8204.02
(iii)	Rigid smooth Centering & Shuttering R.C.C floor and roof slab, landing, balconies, projecting sunshadesand chajjas	90.936	sqm	760.09	69120.32
(iv)	Rigid smooth Centering & Shuttering RCC beams,Column,grider and bressmer	47.029	sqm	1208.13	56817.61
7	2.5 cm thick grading with c.c (1:2:2) including gradinging using 4.7 mm hard broken granite chips on new work	64.048	sqm	382.94	24526.04
8	First class K.B brick masonry in C.M.(1.6) in foundation & plinth / superstructuer including cost, conveyance, and royalty of all materials complete.	36.45	cum	5413.09	197306.14
9	16 mm thick cement plastering (1:6) over brick and rcc work of wall including cost,conveyance, royalty etc. complete.	268.76	sqm	271.40	72941.30
10	12 mm thick Cement plastering (1:6) over brick wall including cost, conveyance, royalty etc. complete.	121.61	sqm	187.61	22814.68
11	Suppling, fitting and fixing of MS Grill madeout of M.S angle at the periphery & M.S Sq bar in the inner design with hold fast made out of M.S Angle windows including cost of Screws with cost of Conveyance, Taxes of all matarials,labour,T&P etc Complete with all request	258.67	Kg	183.33	47420.04
12	Manufacturing,Supplying,fitting and fixing of M.S. shutter door at Window and ventilator wit frame etc.complete	132.48	Kg	183.33	24286.96
13	Dressed, seasoned sal wood work framed and fixed (wrought and put up) in trusses, purlins, frames of doors.	0.1869	cum	98416.07	18393.09

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14	32mm piasal wood or local Teak wood panelled shutters moulded panels with all labour, iron fittings, and wooden hinged cleats etc fitted and fixed complete in all respect. But excluding the cost of iron fittings and Teak wood planks	7.984	sqm	2089.85	16685.08
15	Priming one coat with approved wood primer on new work of wood	8.6214	sqm	68.16	587.63
16	Priming(Red oxide) one coat with approved primer on new work M.S.Grills and shutter doors and windows	22.53	sqm	68.23	1537.08
17	Painting two coats synthetic enamel paint with including material approved quality of paint on new work of M.S.Grills and shutter doors and windows	22.53	sqm	188.66	4250.27
18	Painting two coats french polish including material of approved quality of polish on new wood work of Doors & Windows etc complete	7.98	sqm	183.88	1468.06
19	Supply, fitting, fixing up Window (sliding type) made up aluminum section No-151-154, 151-155, as window frame section No- 151-155, 151-153 and 151-167 as shutter frame with 5 mm thinincludingck glass as pannel fitted with rubber beading including locking arrangement including all fitting	8.5471	sqm	7729.98	66068.83
20	Fixing tiles in floors treads or steps & landing on 25 mm thick bed of cement mortar 1:1 joined with neat cement slury mixed with pigment to match the shades of the tiles etc. complete (Ceramic Vetrified tile of 60 cm × 60 cm size)with wall rise 0.25 ft with same material	44.017	sqm	1718.66	75650.20
21	Fixing tiles in dados & rises of steps on 12mm thick cement plaster (1:3) jointed with neat cement slury mixed with pigments to match the shade of the tile (Ceramic wall tile of 20cm×20cm size) etc. complete.	18.623	sqm	1498.92	27914.94
22	Priming one coat with approved primer over the plastered wall surface	309.73	sqm	82.53	25561.00
23	Distempering two coats to walls with distemper of approved shade on new work to given an even shade	190.81	sqm	90.62	17291.70
24	Providing two coats weather coat paint over a coat of wall cement primer including material approved quality of paint.	113.83	sqm	61.09	6953.42
25	Add cost of PVC Door (Toilet) L.S	1		3350	3350.00
26	Add for Electrification work of Concealed coper Wiring of approved quality with modular pannel, earthing and out door lighting makes as per plan etc. complete. On L.S				30000.00
27	Add for fitting and fixing Toilet (Latrin pan with exhust), Bath room fitting ,wash basin , kitchen Sink with PH work including Over Head PVC Tank and Construction of Septic tank with RCC plate cover on L.S				33000.00
				Total	1284948.42
				Add GST -18%	231290.72
				Total	1516239.14
				or say Grand Total	1516200.00

(Rupees Fifteen Lakh Sixteen Thousand Two Hundred) only

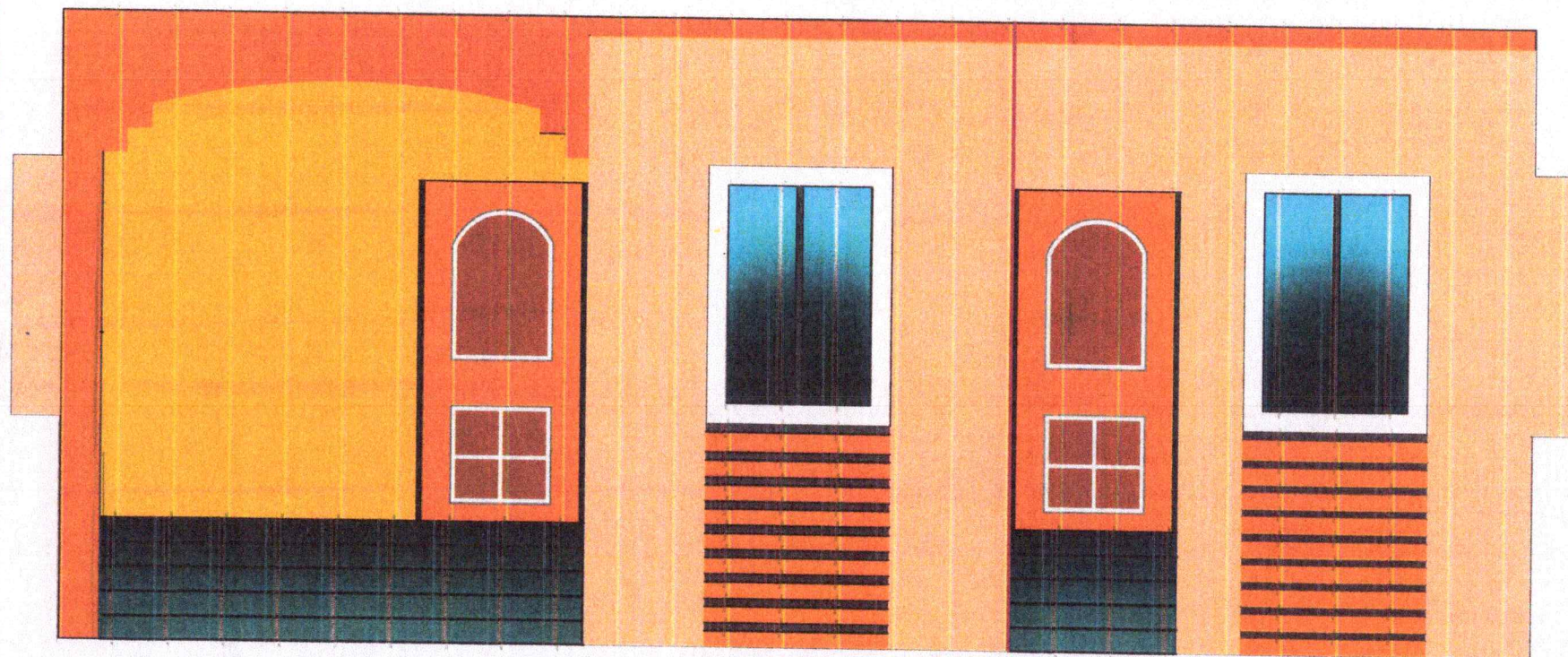
Approved


JUNIOR ENGINEER
KHALLIKOTE BLOCK


Asst. Conservator of Forest
I/C- Khallikote Range


Divisional Forest Officer
Berhampur Forest Division

29



28/10/2020
ACFC (CAMP)

28/10/2020
Dy. CF (CAMP)
O/o PCCF, Odisha

28/10/2020
ACFC (K)

Chief Executive Officer
State CAMP, Odisha
O/o. PCCF & HoFF, Odisha

Principal Chief Conservator of Forests
Forest Division & Nodal Officer, FC Act

PROPOSED ELEVATION OF FOREST GUARD QUARTER.

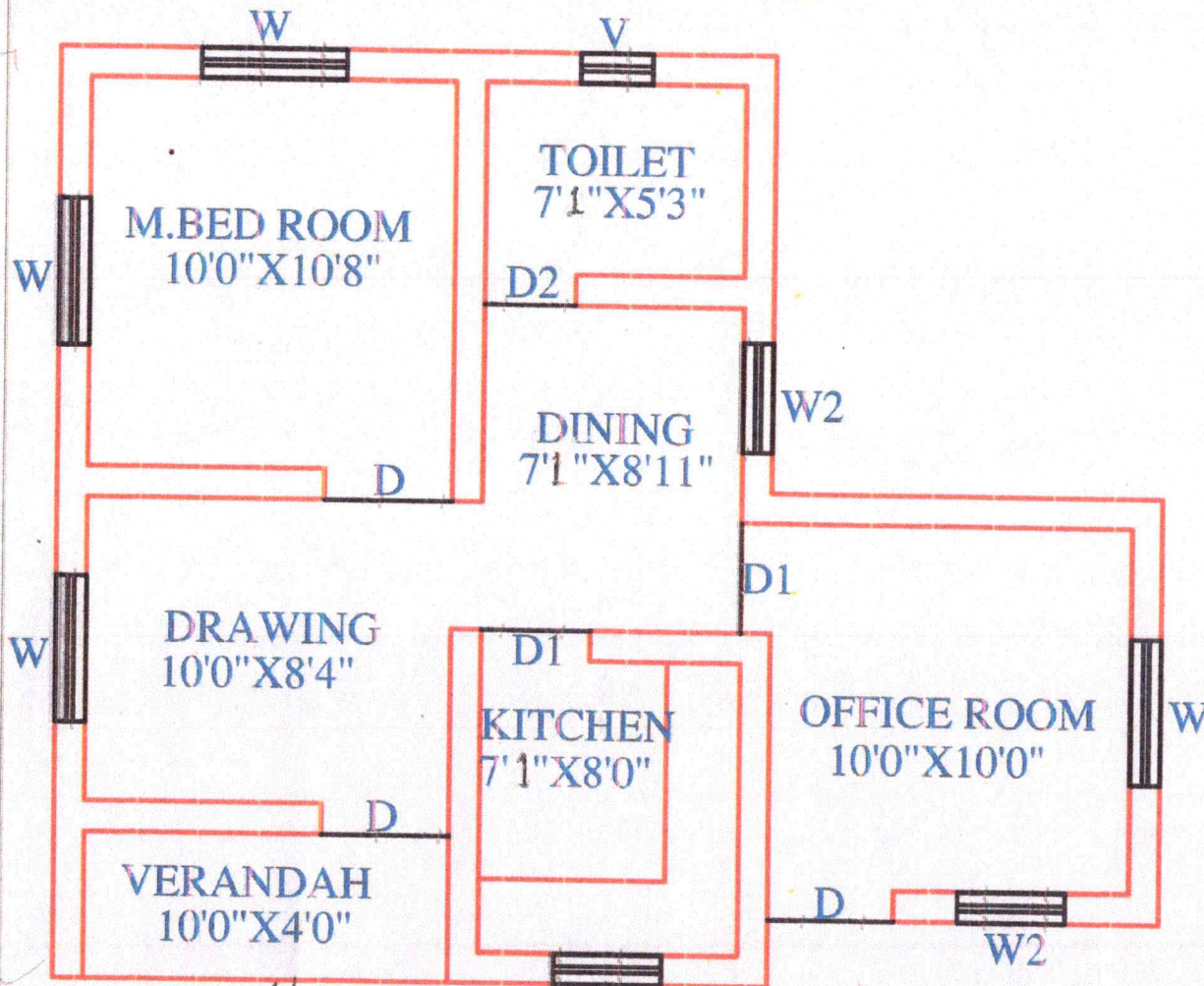
Approved

Divisional Forest Officer
Berhampur Forest Division

JUNIOR ENGINEER
KHALLIKOTE BLOCK

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Asst. Conservator of Forests
W-C-Khallikote Range



Principal Chief Conservator of Forests
Forest Division & Nodal Officer, FC Act

PLINTH AREA-500 SQ FT
OFFICE AREA-126 SQ FT
TOTAL AREA-626 SQ FT

28/10/2020
ACF (CAMP)

Dy. CF (CAMP)
O/o PCCF, Odisha

28/10/2020
Dy. CF (CAMP)

28/10/2020
ACF (K)

Joint Executive Officer
State CAMP, Odisha
O/o PCCF & HUFF, Odisha

PROPOSED PLAN OF FOREST GUARD QUARTER.

Divisional Forest Officer
Berhampur Forest Division

JUNIOR ENGINEER
KHALIKOTE BLOCK

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Asst. Conservator of Forests
Khalikote Range