

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

Phone/Fax- 0680-2281354, Mob- +91 7653908594, E. Mail dfo.berhampur@odisha.gov.in
Tender Call Notice No. 30 7/1F-(ACCOUNTS)-51/23,
Dated, Brahmapur the November, 2023

Divisional Forest Officer, Brahmapur Division invites offline in single cover from "B & C 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 Double Storied Internal Vigilance Forester and Forest Guard Quarters".

work "Cons	truction of Double Storied Internal	Vigilance Forester and Fo	orest Guard Quarters".
Doc	ument Download:		
on the webs	The tender document having d site www.odishaforest.in/tenders/		erms & conditions are available
on the webs		The state of the s	
	Mema No_8074_dt.01	.2023	
		Bhubaneswar for information	Information & Public Relation Department n and necessary action. He is requested to Divisional Forest Officer
	Memo No 8075 dt 0) • [] • ,2023	Brahmapur Division
	copy along with its entrosure st	& Chief Wild Life Warden C	18
	Memo No 8076 dt. (Divisional Forest Officer Brahmapur Division
		Forests, Odisha, Bhubanesv	rcipal Chief Conservator of Forests, (IT & war for favour of kind information and PCCF, Odisha at an early state.
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Chatrapur fo			Tender Notice in the District Website,
W	(4)		Divisional Porest Officer
	Memo No 8079 dt. 0	1.11 . 2023	Brahmapur Division
	CONTROL OF THE PROPERTY OF THE	The state of the s	nge Officers, Brahmapur Forest Division
	on and necessary action. They are ins		r Notice on their respective Range Office
Notice Board	*		Sal

Brahmapur Division



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Phone/Fax- 0680-2281354, Mob- +91 7653908594,

Email-dfo.berhampur@odisha.gov.in

Bid Identification No. 307 /IF Dated.01.11.2023

TENDER FOR CONSTRUCTION OF DOUBLE STORIED (INTERNAL VIGILANCE FORESTER AND FOREST GUARD QUARTERS) IN BERHAMPUR FOREST DIVISION. BERHAMPUR

The Divisional Forest Officer, Brahmapur Forest Division on behalf of Governor of Odisha invites percentage rate bid in OFF-LINE mode from eligible contractors with valid licenses for execution of Building & other work as detailed in DTCN

1.	Nature of Works		Construction of Internal Vigilance Forester Quarters (G+1) and Forest Guard Quarters (G+1) (Flying Squad)
2.	No. of Work	-	02 Nos Forester and 02 nos Forest Guard Quarters (G+1) of each.
3.	Tender Form Cost		Rs.12,000/- (For Each One)
4.	Class of Contractor	>	"B & C" Class Contractor
5.	Availability of bid document in the Office		From Dt. 02.11.2023 10.00 A.M. to Dt. 16.11.2023 5.00 P.M.
6.	Last date and time of submission of bids in tender box of office		Dt. 16.11.2023 05.00 P.M.
7.	Date of opening of Bid	7.	Dt. 17.11.2023 at 11.00 AM
8.	The bidders have to participate in OFF-Li	INE I	oidding only.

Divisional Forest Officer Brahmapur Division



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The DIVISIONAL FOREST OFFICER, BERHAMPUR FOREST DIVISION on behalf of Governor of Odisha invites

Percentage Rate bids in single cover system in offline 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. If successful, the bidder who has not registered under state
government has to register under the appropriate registering authority of the State Government of Odisha in appropriate class
of eligibility before award of the work. The bidder may submit bids for the following works.

SI No	Name of the Work	Area of the work	Concerned T.LA	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 Internal Vigilance Forest Guard Quarter (G+1) at Aska Road, Forest Colony, Berhampur Range Office Campus of Bramhapur Forest Division	Plinth area-586 sq.ft. Office area-126 sq.ft. Total area-712 sq.ft.	Brahampur Forest Division	24,08,000/- (approx)	12,000/-	0	B & C Class	3 Months
2	Construction of Internal Vigilance Forester Quarter (G+1) at Check Naka Gate, Aska Road 1 th Gate, Berhampur Range of Brambapur Forest Division	Pfinth area-783.5 sq.ft. Office area-149 sq.ft. Total area-932.5 sq.ft.	Brahampur Forest Division	32,26,000/- (approx)	12,006/-	0	B & C Class	3 Months

- Bid documents consisting of plans, specifications, the schedule of quantities and a set of Terms & Conditions of contract.
- 3. The Bid documents will be available in the website www.odishaforest.in/tenders from 02.11.2023.
- Bids shall be received only "Offline" on or before 05:00 PM dated 16.11.2023.
- The Original Documents only through Regd./Speed post / by person should reach on or before dated 16.11.2023 up to 05:00PM and other means of posting are not allowed.
- Bids received offline shall be opened at 11:00 AM on dated. 17.11.2023 in the Office of the undersigned in presence of the Bidders who choose to attend. Bidders who participate in the Bid can witness the opening of Bids.
- 7: The successful bidder shall produce original 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 mentioned under Column No.6 of Table above payable of Brahmapur separately for each work i.e. towards paper cost for each Bid respectively.

- 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 Demand Draft/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.
- 10: 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 2 Nos. 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.
- 11: Other details can be seen in the Biding documents.
- 12: Any undertaking for any required documents will not be allowed, the tender will be rejected during evaluation.
- 13. The estimated cost is inclusive of GST 18%.
- 14: The cost of labour cess is @1% over and above the work value.
- 15: 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.
- 16: The bidder is free to apply for either the works or single work. The tender cost should be furnished accordingly.
- 17: The Authority reserves the right to cancel any or all the Bids without assigning any reasons thereof.

Divisional Forest Officer Brahampur Division



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Bid Identification No. 307 /IF Dated . 01-11-2023

Scaled percentage rate bids are invited on OFFLINE in SINGLE COVER from
"B" & "C" Class contractor registered with the State Governments and contractors 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 Buildings".

- Bid documents consisting of plans, specifications, set of Terms & Conditions of contract and other necessary Documents can be seen in this tender document.
- The Bid documents will be available in the website: www.Odishaforest.in/tenders/ganjam.nic.in/from 02.11.2023 to 16.11.2023 (5.00 PM) for offline bidding.
- Bids shall be received only on "Offline" on or before 05:00 PM dated 16.11.2023.
- The Original Bid Documents should only be received through Regd/Speed post/ Person before 16.11.2023 up to 05:00 PM and other means of posting are not allowed.
- Technical Bids received offline shall be opened at 11.00 AM on dated. 17.11.2023 in the Office of the undersigned in presence of the Bidders who choose to attend. Bidders who participate in the Bid can witness the opening of Bids.
- 6. The cost of Bid documents in shape of demand draft issued from any Nationalized/Scheduled bank may be prepared in the name of the <u>Divisional Forest Officer</u>, <u>Berhampur Division and payable at Berhampur</u>. The Bid cost shall be deposited in shape of Demand Draft prepared on or before the last date of receipt along with the Bid.

The bid is to be submitted in two covers.

- (i) Cover-I- List contains tender Cost, GST certificate, hard copy of registration certificate, PAN card, valid GST certificate, undertaking/certificates duly filled, affidavit, work experience certificate and documents required as per the relevant clauses of this DTCN.
- (ii) Cover-II List contains the price bid duly filled in and signed by the bidder.
- The intending bidders are required to produce documents viz. original Registration, valid GSTN Certificate, PAN card after opening of Technical Bid for verification purpose in the latter stage along with the original documents, preferably within five working days from the date of opening of the tender. Furnishing hard copy of such documents along with the Technical Bid is mandatory otherwise his/her bid shall be declared as non responsive and thus liable for rejection.

- The work is to be completed in all respects within the prescribed time period (three months) as specified in the DTCN. Bidders whose bid is accepted must submit a work programme at the time of execution of Agreement.
- All bids received will remain valid for period as specified in the DTCN after the dead line date for submission of bids and validity of bids can also be extended if agreed to by the bidder and the Department.
- 11. 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.

12. 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.
- 14. 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,:-
 - (i) The contractor has to quote percentage excess or less over the estimated cost in the Price Bid appended to the tender document.
 - (ii) The Contractor will quote percentage excess/less up to one decimal point only. If he writes the percentage excess/less up to two or more decimal points, the first decimal point shall only be considered without rounding off.
 - (iii) In the contract P-1 time is the essence. The contractor is required to maintain a certain rate of progress specified in the contract.
 - (iv) 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.
 - (v) The period of completion is fixed and cannot be altered except in case of exceptional circumstances with due approval of next higher authority.
 - (vi) 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.
- 18. 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.
- 19. 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.
- 20. 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.-1 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.

- 21. 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.
- 22 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.
- 23. 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.
- 24. i) 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 sub standard materials will be proposed.
 - ii) 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 authority reserves the right to reject any or all the tenders received without assigning any reasons there-of whatsoever.

There is no earnest money (EMD) for this tender.

- (i) 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").
- (ii) The notification of award will constitute the formation of the contract, subject only to the furnishing of a performance security (Initial Security Deposit) and additional performance security as per Clause 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 Brahampur duly pledged in favour of the Divisional Forest Officer and payable at Brahmapur.
- (iii) 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-incharge. 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.
- (iv) 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.
- (v) 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.
- (vi) 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.

(vii) 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.
- 26. The agreement will be drawn in Forest Deptt. P1contract form and the contract for the work shall be drawn and signed by Divisional Forest Officer, Berhampur Forest Division or his authorized officer.
- 27. 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.
- 30. 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;

SI No.	Range of Difference between the estimated cost put to tender and Bid amount	Additional Performance Security to be deposited by the successful bidder
E .	Balow S%	No Additional Performance Security
A	From 5% and above and below 10%	50% of (Difference between estimated cost put to tender and Bid Amount)
m:	From 10% and above	150% of (Difference between estimated cost put to tender and Bid Amount)

- 31. 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.
- 32. 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.
- 33. 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.
- 35. 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.
- 36. 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.
 - a. 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.
 - d. Fees and duties levied by the municipal, canal or water supply authorities.
 - e. Suitable equipments and wearing apparatus for the labour engaged in risky operations.
 - 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.
 - g. Compensation including the cost of any suit for injury to persons or property due to neglect of any major precaution also become payable due to operation of the workmen compensation act.
 - 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.
- 38. 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.
- 39. 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 orderNo-44150dtd.25.11.57.
- 41. 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.
- 42. 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. FormP-1 with latest amendments shall supersede the condition of D.T.C.N.
- Steel shuttering ¢ering shall be used which shall be lined with suitable sheeting and made leak proof and water tight.
- 44. 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.
- 45. 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.
- 47. 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 and engineering department.
- 48. 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.
- 49. 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.
- 50. 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.
- 51. 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.

- 52. 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.
- 53. 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.
- 54. Nothing will be supplied by the Forest Department from its store for the work.
- 55. 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.
- 56. After completion of the work the contractor shall arrange at his own cost all requisite equipments for testing one unplugged well and specified span free of cost as directed by the 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 borrow 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.
- 59. After completion of the work, the contractor shall arrange at his own cost all requisite equipments 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.
- 60. 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.
- 61. 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.
- 62. 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.
- 64. 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 upto3%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.
- 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 been 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.
- 67. 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.
- 68. 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 thetime of making payment of each bill.
- Under no circumstances interest is chargeable for the dues or additional dues if any payable for the work.
- 70. Under section 12 of contractors labour (Regulation and Abolition) Act.1970 the contractor who undertakes execution of work through labour should produce valid license from licensing authorities of labour Department.
- 71. 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.
- 72. 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.
- 73. From the commencement of the works to the completion of the same, they are to be under the contractors charge. The contractor is to be held responsible to make good all injuries, damages and repairs occasioned or rendered necessary to the same by fire or other causes and they hold the Govt. of Odisha harmless for any claims for injuries to person or structural damage to property happening from any neglect, default, want of proper care or misconduct on the part of the contract or any one in his employment during the execution of the work. Also no claim shall been entertained for loss duet o 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.

74. ADDENDUM TO THE CONDITION OF PI CONTRACT

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

- 2.1. Progress of work and Re-scheduling programmed.
- 2.1.1. The Divisional Forest Officer shall issue the letter of acceptance to the success falcon tractor. The issue of the letter of acceptance shall be treated as closure of the Bid process and commencement of the contract.
- 2.1.2. 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 a long with monthly cash flow forecast.
- 2.1.3. To ensure good progress during the execution of the work the contract or shall be bound in all cases in which the time all owed for any work exceed son month to complete, 1/4 of the whole time allowed under the contract has elapsed, ½ of the whole of the work before ½ of the whole time allowed under the contract has elapsed, 3/4 of the whole of the work before 3/4 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 with hold the amount of 1% of the contract value from the next payment certificate and continue to with hold this amount until the next payment after the date on which the overdue Programme has been submitted.
- 2.1.4 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.

2.2 Extension of the Completion Date.

- 2.2.1 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 15 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 ear nest money &performance guarantee / Security deposit absolutely.
- 2.2.2 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 prepare in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the fore cast 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.
- 2.2.3 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
 - ii) Abnormally bad weather, or
 - iii) Serious loss or damage by fire, or
 - iv) Civil commotion, local commotion of workmen, strike or lockout affecting any of the trades 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.
 - vi) 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 youd the Contractors control.
- 2.2.4 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.
- 2.2.5 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.

2.2.6 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 Super intending 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 also 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 with held, 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 with held. However no interest what so ever shall be pay able on such with held amount.

2.4. Management Meetings.

- 2.4.1. 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.
- 2.4.2. The ACF, Brahampur 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.

75. 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.
- (ii) Involvement in any sort of tender fixing.
- (iii) Constant non- achievement of milestones on in sufficient and imaginary grounds and non-adherence to quality specifications despite being pointed out.
- (iv) Persistent and intentional violation of important conditions of contract.
- (v) 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.
- 76. 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".

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Submission of tender paper cost as pert he 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 12months. 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. Brahampur Forest Division.

TECHNICAL BID

1.	Name of Tendering Civil Work Contractor with address (Block Letter)	E		
2.	Name of the Proprietor/ Partner/ Director			
3,	Full Address of Registered Office Proof of Address to be furnished	1		
4.	Address for correspondence (If other than in 3)			
5,	Contact No. and E-Mail ID of Authorized Officer/Person	£5		
6.	PAN No. (please furnish document)	¢:		
7.	GST details (please furnish document)			
8.	Works Department License	#14 #14 #15		
9.	Contractor Registration No. (Please furnish document)			
10.	Experience as a contractor (Proof of experience to be enclosed work orders and completion certificates)	±		
11.	Company Profile	£:		
12.	Income tax returns of the company/ Firms for the last three years (Copies)			¥
13.	Balance sheet last three years (Copies)			
14.	Aadhar Card No. (Xerox copy)	:		
	Certified that the information as above is true t if anything to the Contrary/ Adverse will be obs		owledge & I wi	ll be held responsible
		-		
٧.,	Full Signature of Applicant/Authorized Person			
	Date -			
	Place –			

FINANCIAL BID

CHEACK LIST FOR FINANCIAL BID FOR CONSTRUCTION OF BUILDINGS (INTERNAL VIGILANCE FORESTER AND FOREST GUARD QUARTERS) IN BERHAMPUR FOREST DIVISION. BERHAMPUR

SI No	Name of the Firm	Name of the Work	Estimated Cost	Less/More	Percentage
_					

CHECK LIST TO BE FILLED UP BY THE BIDDER

SL	Particulars	Whether	furnished	Reference to
No		Yes	No	Page no
01.	Tender Cost for work @ Rs. 6000/- (Non-Refundable)			
02.	Copy of valid Registration Certificate			
03.	Copy of valid GST certificate			
04.	Copy of PAN Card			
05.	No Relationship Certificate in Schedule-A			
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)			
07. (A)	Information regarding current litigation, debarring/expelling of the tender or abandonment of the work by the tenderer (Schedule-E)			
(B)	Affidavit (Schedule-F)			

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 LS.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	LS.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	LS.2116,383
7.	Binding wire	I.S.280 (galvanized minimum1mm)
8.	Rain water pipe	1.S.2527
9:	Construction joints	I.S.3414
10.	Steel Window Frame	1.S.1038/83
11.	Steel Door Frame	LS.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 1.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)
- d. C.R. Masonry shall be with conformity to I.S.1597.
- e. BrickmasonryshallbewithconformitytoI.S.2212.
- Cement plastering shall be with conformity to 1.S.9103 & 6925.
- g. Mortar shall be with conformity to I.S.2250
- h. White and color washing shall be with conformity to I.S.6278.
- C C in foundation shall be with conformity to 1.S.2571.
- Anti-Termite Treatment shall be with conformity to I.S.6813.(Part-I & Part-II)
- k. 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
- m. Tarfelt treatment shall be with conformity to I.S. 1346
- n. 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.

SCHEDULE-A

CERTIFICATE OF NO RELATIONSHIP

I/ We here by 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 (last three years)

ek.	the work	in INR	works	work as per agreement	per agreement	work work	starting/ completion, if any
220			CILLEGE S	agreement	p	er agreement	er agreement work

Signature

[SCHDULE-D2]

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

SCHEDULE-"E"

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

Yes/No Is the tenderer currently involved in 1. a) litigation relating to the works If yes: give details: b) Has the tenderer or any of its Yes/No 2 8) constituent partners be end barred/ expelled by any agency in India during the last5 years. 3. a) Has the tenderer or any of its Yes/No Constituent partners failed to Perform on any contract work in India during the last 5 years. If yes, give details: b)

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

Signature

SCHEDULE-F

AFFIDAVIT

attachments are true and correct.
2. The undersigned also hereby certifies that neither our firm M/snor 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



GOVERNMENT OF ODISHA

DEPARTEMENT OF FOREST, ENVIRONMENT & CLIMATE CHANGE

Name of Work

: Construction of Office Cum Building Residential Plan (G+1) of Forest Guard Quarter (Flying Squad) under **Berhampur Range**

Name of the Scheme

: CAMPA (APO) 2023-24

Estimated Cost

: Rs 2408000/-

Name of the Range : Berhampur Range

Name of the Divison : Berhampur Division

Name of the District : Ganjam

ABSTRACT

SI.no.	Description of Items Earthwork in excavation in hard soil for site leveling, foundation, pits, trenches and other civil works upto and including 1.5metre lift and stacking the soil upto a lead of 100 metre and including dewatering, removing slush, shoring and strutting (as required), complete as per specification and as directed by the Engineer-In-Charge.	UNIT	QNTY	RATE	AMOUNT Rs.
a. 2	Hard soils. Filling in foundation trenches and plinth, with excavated earth including laying the earth in layers not exceeding 23.5 cm thick ramming & watering with all leads & lifts including cost of all labour,T&P completed as directed by the Engineer-in-charge.	Cum	58.35	206.80	12066.78
		Cum	40.84	153.30	6260.77
3	Supplying and filling sand in foundation and over areas including watering, ramming, consolidating and dressing, labours, tools, taxes etc. all complete as per the specification and direction of Engineer-In-Charge.				12
		Cum	15.86	885.40	14042.44
4	Providing and laying plain cement concrete 1:4:8 (1 cement : 4 sand : 8 stone agregate 40mm nominal size) as levelling course in floor and plinth including tempering, curring, shuttering etc. complete all depth and height.				
		Cum	9.82	5352.30	52559.58

First class Fly ash Brick masonry using bricks of size 23 cm. x 11 cm. x 8 cm. having crushing strength not less than 75 kg. Per. Sqr. Cm. in cement mortar of mix(1:6) with ordinary Portland slag cement(PSC) and screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in Foundation & Plinth including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries, T&P required for the works etc. complete in all respect as directed by the Engineer-in-Charge.

Cum 0.00 0.00 0.00

First class Fly ash Brick masonry using bricks of size 23 cm. x 11 cm. x 8 cm. having crushing strength not less than 75 kg. Per. Sqr. Cm. in cement mortar of mix(1:6) with ordinary Portland siag cement(PSC) and screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in Super Structure including splays cutting, moulding. corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries. T&P required for the works etc. complete in all respect as directed by the Engineer-in-Charge.

Ground floor	Cum	24.06	5228.90	125807.81
First floor	Cum	23.98	5516.60	132288.07
Terrace floor	Cum	0.00	0.00	0.00

First class Fly ash Brick masonry using bricks of size 23 cm. x 11 cm. x 8 cm. having crushing strength not less than 75 kg. Per. Sqr. Cm. in cement mortar of mix(1:4) with ordinary Portland slag cement(PSC) and screened & washed sand for mortar after immersing the bricks for 4 (Six) hours in water before use in Super Structure including splays cutting, moulding. corbelling. circular chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries. T&P required for the works etc. complete in all respect as directed by the Engineer-in-Charge.

Ground floor First floor Cum 0.00 0.00 0.00 Cum 0.00 0.00 0.00

Providing, lifting, hoisting and laying Reinforced cement concrete of M-20 grade as per approved designs and drawings having minimum a compressive strength (in work test) 250 Kg. / Square cm. in 15 cm. cubes at 28 days after mixing and test conducted in accordance with I.S. 516 using 12 mm. to 20 mm, size black hard crushed broken granite stone chips and screened and washed sharp sand for mortar of approved quality from approved quarry, washed and cleaned (20mm, size chips not to exceeds 25 %) to be mixed in concrete mixture with Portland slag cement (PSC) including hoisting, lowering, laying compaction concrete by using vibrators, watering and curing for 28 days, centering and shuttering then after dismantling and removing debris from the work site and finishing the exposed surface smooth providing grooves or beads wherever necessary including cost, conveyance, loading, unloading, royalties and taxes of all materials and cost of all labours, sundries, T & P required of the work etc. complete in all respect as directed by the Engineer-in-Charge. But excluding cost and conveyance of M.S. rods or Tor steel and binding wires and labour charges

Ground floor

a) Footing	Cum	25.31	6714.00	169931.34
b) Pedestal :-	Cum	0.00	0.00	0.00
d) Column up to plinth	Cum	1.59	6569.76	10445.92
e) Plinth Beam	Cum	2.89	6569.76	18986.60
f) Column above plinth	Cum	1.77	6569.76	11628.47
g) Lintel	Cum	1.90	6569.76	12482.54
h) Chajja	Sqm	0.00	1152.70	0.00
i) Roof Beam	Cum	2.26	6569.76	14847.66

j) Slab	Cum	10.24	6569.76	67274.34
k) Stair case	Cum	0.95	6569.76	6241.27
First floor				
f)Column	Cum	1.32	6569.76	8672.08
g) Lintel	Cum	1.90	6569.76	12482.54
h) Chajja	Sqm	0.00	1306.50	0.00
i) Roof Beam	Cum	2.26	6569.76	14847.66
j) Slab	Cum	10.97	6569.76	72070.27
k) Stair case	Cum	0.00	16108.00	0.00
Terrace floor				
f)Column	Cum	0.00	18210.40	0.00
g) Lintel	Cum	0.00	17179.20	0.00
h) Chajja	Cum	0.00	1490.80	0.00
i) Roof Beam	Cum	0.00	18210.40	0.00
j) Slab	Cum	0.00	16236.00	0.00

Cutting, straightening colled or bent up M.S. Rod or tor steel of SAIL/ TATA / RINL (VIZAG) make including bending. binding, welding and joining if necessary and tying the grills and placing in position as required for R.C.C. Work and for providing fan hooks as required, hoisting, lowering, laying including cost, conveyances, taxes of M.S. Rod or tor steel and binding wires of 18 to 20 gauge and labour required for the work for bending, binding and tying the grills in all floors (Linear measurement will be taken and quantity will be calculated basing on the standard weight of B.I.S. for M.S. Rods or tor steel only. Wastage if any, including weight of binding wire will not be considered for measurement) etc. complete as per specification & direction of Engineer-in-charge.

Ground floor	Qnti	20.63	10017.56	206662.26
First floor	Qntl	16.96	10043.20	170332.67
Terrace floor	Qntl	0.00	10070.10	0.00

10 Rigid smooth centering & shuttering For RCC work including false work and dismentalling ther after casting and cost of materials etc. complete as directed by the engineer in charge.

Ground floor	Sqm	76.97	671.90	51716.14
First floor	Sqm	76.97	806.30	62060.91
Terrace floor	Sgm	0.00	#REF	0.00

11	12mm cement plaster to out side of brick surfaces with cement mortar of mix 1:8 (1 cement : 6 fine sand) including necessary scaffolding, curing etc. all complete at all floors and all heights.				
	Ground floor	Sqm	91.51	160.60	14696.51
	First floor	Sgm	74.92	164.10	12294.37
	Terrace floor	Sqm	0.00	167.80	0.00
12	16mm cement plaster to inside of brick surfaces with cement mortar of mix 1:6 (1 cement : 6 fine sand) including necessary scaffolding, curing etc. all complete at all floors and all heights.				
	Ground floor	Sqm	177.29	227.10	40262.56
	First floor	Sgm	180.87	232.40	42034.19
	Terrace floor	Sqm	0.00	237.90	0.00
13	6 mm cement plaster on RCC surfaces at ceiling/slab soffit and other locations with cement mortar of mix 1:4 (1 cement : 4 coarse sand) including necessary scaffolding, curing etc. all complete at all floors and all heights.				
	Ground floor	Sqm	0.00	167.40	0.00
	First floor	Sqm	0.00	171.30	0.00
	Terrace floor	Sqm	0.00	175.40	0.00
14	Supplying, fitting & fixing of Granite Tiles of minimum Above 0.40 sqm. (20mm thick) of approved make in floors laid on 20 mm thick cement mortar (1:4) (1 cement : 4 course sand) and filling joints with slurry including cost of all materials, labour T&P etc. required for the work all complete incl. rubbing as per direction of the Engineer-in-charge				

Sqm

Sqm

58.82

58.82

2782.97

2793.50

163694.29

164313.67

Ground floor

First floor

15 Supplying, fitting & fixing of 10 mm thick & size of 600x600 mm Glazed Vitrified floor tiles (GVT) of matt finish(WOODEN FINISH/RUSTIC FINISH) with veilcraft (VC) shield(Scratch free/stain free) with water absorption limit between 0.08% to 3% and conforming to IS: 15622:2006 (Group B lb). laid on 20 mm thick cement mortar (1:4) (1 cement : 4 course sand) and filling joints with white cement of approved quality including cost of all materials, labour T&P etc. required for the work all complete as per direction of the Engineer-in-charge (for New Work only)

Ground floor	Sqm	0.00	1009.15	0.00
First floor	Sqm	0.00	1019.70	0.00

15 Supplying, fitting & fixing of 10 mm thick & size of 600x600 mm Glazed Vitrified floor tiles (GVT) of matt FINISH/RUSTIC finish(WOODEN FINISH) with veilcraft (VC) shield(Scratch free/stain free) with water absorption limit between 0.08% to 3% and conforming to IS: 15622:2006 (Group B lb) laid on 12 mm thick cement mortar (1:3) (1 cement : 3 course sand) jointed with slurry mixed with pigment to match the shades of the tiles etc. complete including cost of all materials, labour T&P etc. required for the work all complete as per direction of the Engineer-in-charge

Ground floor	Sqm	0.00	1116.90	0.00
First floor	Sqm	0.00	1132.80	0.00

Supplying, fitting & fixing of 10 mm
thick & size of 300x300 mm Ceramic
floor tiles of matt finish laid on 20 mm
thick cement mortar (1:4) (1 cement : 4
course sand) and filling joints with white
cement of approved quality including
cost of all materials, labour T&P etc.
required for the work all complete as per
direction of the Engineer-in-charge (for
New Work only)

Ground floor

	First floor
17	Supplying, fitting & fixing of Germ free Ceramic wall tiles of premium grade of size 600x300mm having thickness 6.5mm to 6.7mm confirming to IS 13753 in dadoes, skirting and risers of steps laid on 12 mm thick cement mortar (1:3) (1 cement : 3 course sand) jointed with slurry mixed with pigment to match the shades of the tiles etc.
	complete including cost of all materials, labour T&P etc. required for the work all
	complete as per direction of the
	Engineer-in-charge

Ground floor	Sqm	0.00	773.90	0.00
First floor	Sqm	0.00	789.80	0.00

0.00

0.00

Sqm

Sqm

710.69

721.20

0.00

0.00

Providing and fixing seasoned sal wood work in frames at any locations including doors, windows, cupboard, clerestory and other frames fixing in position including cost of hinges, M.S. flat (30mm x 6mm) hold fasts lugs or dash fasteners of required dia and length as per drawing / specification, at all floors and all heights.

Ground floor	Cum	0.53	85425.10	45275.30
First floor	Cum	0.58	85425.10	49546.56

Factory made 30mm/32mm flush door shutter (Laminates both side of frame) with all labour, iron fittings, and wooden hinged cleats etc fitted and fixed complete in all respect Ground floor

First floor

Sqm	0.00	3577.70	0.00
Sqm	0.00	3577.70	0.00

20 Supplying Fitting, fixing up fully glazed aluminium framed window (sliding type) made up aluminium section 9778 as window frame, section 4095, 4096 and 9777, 3994 as shutter frame with 5mm black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of all materials, all taxes, labour, T&P excluding cost of glass etc. complete as per direction of the Engineer-in-charge

	Ground floor	sqm	0.00	3625.70	0.00
	First floor	sqm	0.00	3625.70	0.00
	Terrace floor	Kg	0.00	3625.70	0.00
21	Supplying and Fixing of M.S. Grills, M.S.Doors, M.S. Gate etc including cost,conveyance of all materials,priming,and labour for fitting fixing etc.complete as per the instruction				
	of Engineer-in-Charge Ground floor	Kg	0.00	66.50	0.00
	First floor	Kg	0.00	66.50	0.00
	Terrace floor	Kg	0.00	66.50	0.00

22 Priming one coat with wall cement primer (water bound) to make an even finished surface in all floors and heights to wall surface of approved make and shade including sand papering, applying putty wherever necessary & cost of scaffolding, staging charges with cost, conveyance, taxes of all materials, cost of all labour, labour cess T&P etc. complete as per the direction of the Engineer-in-charge.

Ground floor	Sqm	327.62	67,90	22245.40
First floor	Sqm	314.60	69.50	21864.70
Terrace floor	Sqm	0.00	71.10	0.00

Painting two coats with approved antifungal weather seal paints (ISI) of approved colour, shade on wall surface over a coat of wall primer(ISI) water bound including sand papering, polishing the surface, cost, conveyances of all materials and cost of all labour labour cess with T&P eto, complete as per specification & direction of Engineer-in-charge.

Ground floor	Sqm	327.62	80.10	26242,36
First floor	Sqm	314.60	82.70	26017.42
Terrace floor	Sam	0.00	85.50	0.00

24	Finishing plastered surfaces of walls with cement based wall putty (Water based) of approved make and finishing the surface smooth and even by sand papering to receive painting in walls, at all heights with staging wherever necessary with cost, conveyance, taxes of all materials, cost of all labour, labourcess, all T&P etc. required for the work complete in all respect as per the direction of the Engineer-incharge.
	Ground floor
	First floor
	Terrace floor
25	Painting two coats with approved plastic

25	Painting two coats with approved plastic
	emulsion paint over a coat of wall
	primer of make Dulux / Berger / Asian to
	inside surface of walls finished with
	Acrylic Wall putty (water based) of
	make (Birla / JK) and finished smooth &
	even surface to receive painting using
	roller to the final coat including cost of
	scaffolding staging charges with cost,
	conveyances, taxes of all materials,
	cost of labour, T&P required for the
	work etc. complete for all floors as per
	[] [] [] [] [] [] [] [] [] []
	specification & direction of the Engineer-
	in-charge.
	Made: Comple of Daint & Driver shall

Note :- Sample of Paint & Primer shall be approved before procurement and use.

Ground Hoor	Sqm	0.00	92.90	0.00
First floor	Sqm	0.00	94.60	0.00
Terrace floor	Sqm	0.00	96.30	0.00

Sqm

Sqm

Sqm

0.00

0.00

0.00

76.00

76.00

76.00

0.00

0.00

0.00

26 Painting two coats with approved Enamel Paint on wood work over a coat of Wood Primer in Ground Floor

Ground floor	Sqm	0.00	209.24	0.00
First floor	Sqm	0.00	214.56	0.00

27 Painting two coats with approved Enamel Paint on Steel work in Ground Floor

		Say	Rs.	1882195.00
				1882195.45
Terrace floor	Sqm	0.00	154.30	0.00
.First floor	Sqm	0.00	150.50	0.00
Graund floor	Sqm	0.00	146.70	0.00

A)	Ground Floor		Rs	1093370.34
	Add for door and window		Rs	50000.00
		Total	Rs	1143370 34

	Rs	788825.11
	Rs	50000.00
Total	Rs.	838825.11
Total	Rs.	1982195.45
Or Say	Rs.	1982195.00
	Rs.	356795.00
Total	Rs.	2338990.00
	Rs.	30000.00
	Rs.	39010.00
G. Total	Rs.	2408000.00
	Total Or Say Total	Total Rs. Total Rs. Total Rs. Or Say Rs. Rs. Total Rs. Rs. Rs. Rs.

Assist Conservator of Forest

Andst Comercator of Forest

Or Say

24.08

Lakhs

Samagra Sikhya Block

Certified that The Estimate has been prepared as per the revised GST schedule of Rate of 2017 and current labour wages and 1% labour cess & GST 18% included in analysis . The supervision charges has not been included during preparation of the Estimate.

On request

SAMAGRASINATA GENERAL SAMAGRASINATA GENERAL CO-Ordinator

Dist. Project Co-ordinator Samagra Sikhya Ganjam Sanakhemundi Block

ESTIMATE

ESTIMATE OF CONSTRUCTION OF OFFICE CUM RESIDENTIAL BUILDING PLAN (G+1) OF FOREST GUARD QUARTER(FLYING SQUARD), UNDER BERHAMPUR RANGE.

Ground Floor

12066.78

1 Earth work in excavation of foundation in hard soil or gravelly soil within 50m initial lead and 1.50m initial lift including rough dressing breaking clods to maximum 5cm to 7cm & laying in layers not exceeding .0.3m depth and as per direction of the

Engineer-in-Charge

Long Wall	4	X	25 ' 6	" X	3 ' 0	" X	4	0	**	=	1224.00	cft
Short Wall	3	x	19 ' 3	" X	3 ' 0	" ×	4	0	*		693.00	cft
Column	9	×	2'0	" X	2'0	" ×	4 '	0	MR.	36	144.00	cft
											2061.00	Cft
										or	58.35	Cum
									(60)	Rs	206.80	Re

2 Filling in foundation trenches and plinth, with excavated earth including laying the earth in layers not exceeding 23.5 cm thick ramming & watering with all leads & lifts including cost of all labour, T&P completed as directed by the Engineer-in-charge.

2/3rd of Excavation 0.7 x 58.35 cum 40.84 cum 6260.77 153.30 Rs. 3 Filling foundation & plinth with sand watered and rammed including cost of sand and labour etc. complete as directed by the Engineer in charge. 3'0 0 " 25 ' 6 6 153.00 cft. Long Walf 4 x 19'3 "x 3'0 0' 6 Short Wall 3 x 86.63 cft 2'0 "x 0 . 9 x 2'0 6 18.00 cft. Column 5'9 10 ' 0 0. 28.75 1 6 cft Basement of Room X 0 . 1 x 13 '3 " x 10 ' 0 6 66.25 cft 0 . 10 ' 10 " x 10 ' 0 6 162.50 cft 3 x 9'0 "x 10 ' 0 45.00 cft 560.13 Cft 15.86 Cum 14042.44 885.40 Rs.

4 Cement concrete (1:4:8) using 40mm, and down graded H.G. hand broken metal including cost carriage, royality taxes of all materials with all labour, T&P required etc. complete as directed by the Engineer in charge.

Long Wall	4	X	25 6	"	X	2'6	6	" X	0'	4	"	-	85.00	cft
Short Wall	3	×	19 ' 3	**	×	2' 6	6	" X	0 '	4	**	100	48.13	cft
Column	9	×	2'0	*	×	2' (0	* x	0 "	4	**	=	12.00	cft
Basement of Room	1	×	5 9	++	×	10 ' (0	* x	0 1	4	"	=	19.17	cft
	1	×	13 3	**	×	10 ' (0	* x	0 '	4	11	-	44.17	cft
	3	×	10 10	11	×	10' (0	" ×	0 '	4		-	108.33	cft
	1	×	9'0	n.	×	10 ' (0	" ×	0 '	4	9.5	=	30.00	cft

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346.79
                                                                                     Cft
                                                                               9.82
                                                                                     Cum
                                                                         OF
                                                                         Rs
                                                                              5352.30 Rs.
                                                                                              52559.58
5 Cement Concrete (1:1.5:3)using 12mm size CBHG
    Column Footing
                                   2'0 "x 2'0 "x
                                                          1 3
                         9 x
                                                                              45.00
                                                                                     cft
                                   1'0 "x 1'0 "x
                         9 x
                                                          1.
                                                               3
                                                                              11.25
                                                                                     cft.
                                                                              56.25
                                                                                     cft.
                                                                              1.59
                                                                                     Cum
                                                                              6569,76 Rs.
                                                                         Rs
                                                                                              10445.92
6 R.R. Stone mesonary in C.M (1:6) in foundation and
   plinth including carriage etc. complete as directed by
   the engineer in charge.
                                  25 ' 6
                                         " X
                                               3'0
                                                            1.1
   1st Footing
                                                               6
                                                                             459.00
                            ×
                                                                                     cft
                                        " X
                                                      " X
                                  19 ' 3
                                               2'0
                                                           1
                         3
                                                               6
                            X
                                                                              173.25
                                                                                     cft
                                         " X
                                                      " X
                                                           1
                                               2:0
                                  25 ' 6
  2nd Footing
                         4
                            X
                                                               0
                                                                             204.00
                         3
                                  19 3
                                               1'0
                                                           11
                                                                              57.75
                                                                                     cft
                                                                             894.00
                                                                                     Cft
                                                                              25.31
                                                                                     Cum
                                                                              6714.00 Rs.
                                                                                              169931.34
                                                                         Rs
7 K.B Brick masonry in cement mortar (1:6)in
   superstructure using K.B. Bricks of 9" size.
                                                      " X
                                               0'9
                                  22 3
                                                           9 '
  Long Wall
                                                               3
                                                                             617.44
                                                                                     Cft
                                        " X
                                                     " X
                                                           7
                                               0'5
  Short Wall
                         1 x
                                   5 9
                                                               0
                                                                              16.77
                                                                                     Cft
                                                     " X
                         3 x
                                  29'0 "x
                                               0.9
                                                           9 '
                                                               3
                                                                             603.56
                                                                                     Cft
                                                                             1237.77
                                                                                     Cft
  Deduction
   Column
                                                                              82.44
                                                                                     CA
   lintel
                                                                              67.20
                                                                                      Cft
                                                      " X
   Grill
                         1
                                   9'0
                                               0 9
                                                            7'
                                                               0
                                                                              47.25
                                                                                      Cft
                            ×
                                   3 '6
                                               0.9
                                                            7.
                         5
                                                                0
                                                                              91.88
                                                                                      Cft
   D
                         2
                                                            7'
   D2
                                   2 '6
                                               0
                                                   9
                                                                0
                                                                              26.25
                            X
                                           X
                                                                                      Cft
                                                      " X
                                         " X
   W
                         5
                                   5 0
                                               0 9
                                                            4 '
                                                                0
                                                                              75.00
                                                                                      Cft
                            X
                                         " X
                         1
                                               0'9
                                                            4
                                   3 0
                                                                0
   W1
                            ×
                                                                               9.00
                                                                                      Cff
                                        " X
                                                      " X
                         3
                                   2 0
                                               0'9
                                                           2 '
   ٧
                            ×
                                                                               9.00
                                                                                      Cft
                                                                              388.02
                                                                                     Cft
                                                                              849.75
                                                                                     Cft
                                                                              24.06
                                                                                      Cum
                                                                             5228.90
                                                                   0
                                                                                     Rs.
                                                                                              125807.81
                                                                         Rs
  R.C.C work M-20
  Plinth Beam
                                               0'9
                                  22 ' 3
                         4
                                                        ×
                                                           0
                                                               9
                                                                              50.06
                                                                                     Cft
                         1
                                   5 9
                                               0'9
                                                           0 '
                                                               9
                            X
                                           X
                                                        X
                                                                              3.23
                                                                                     Cft
                         3 X
                                  29 ' 0
                                               0,8
                                                           0 '
                                                               9
                                                                              48.94
                                                                                     Cft
                                                                              102.23
                                                                                     Cft
                                                                               2.89
                                                                                     cum
                                                                             6569.76 Rs.
                                                                    @
                                                                        Rs
                                                                                              18986.60
b Column
                                                    " X
                                   0'9 "x
                                               0, 8
                                                           9'3
                         12 x
                                                                              62.44
                                                                                     Cft
                                                                              1.77
                                                                                     Cum
                                                                             6569.75 Rs.
                                                                                              11628.47
                                                                        Rs
                                                                    æ
c Lintel
                                                     * X
                                               0'9
                                                           0'6
                         4
                           X
                                  22 ' 3
                                                                              33.38
                                                                                     Cft
                                        " X
                         1
                                   5 9
                                               0 ' 5
                                                       X
                                                           0'6
                                                                              1.20
                                                                                     Cft
                            X
                         3 X
                                  29 0
                                               0'9
                                                           0'6
                                                                              32.63
                                                                                     Cft
                                                                              67.20
```

Cft

																@	Rs	6569.76	Rs.	12482.54
d	Roof slab																			
	Deduct			1	х	36	0	10	×	26	' 3		" ×	0'	5	н	9	387.45	Cft	
	opening			1		3	0	71	×	8	9		" x	0 '	5		=	10.76	Cft	
				1		3	0 '	**	×	4	' 2		" x	0 '	5	*	=	5.12	Cft	
				1		3	0		Х	7	11	ŀ	" ×	0'	5	"		9.73 361.84	Cft Cft	
																		10.24	Cum	
																@	Rs	6569.76	Rs.	67274.34
	_																			
е	Beam			3	x	36	' 0		×	0	9		" x	0'	6			40.50	Cft	
				4	x	26	3.77			0	. 9		" X	0 '	6	**	Ξ	39.38	Cft	
																		79.88	Cft	
																		2.26	Cum	
																@	Rs	6569.76	Rs.	14847.66
f	Stair																			
	Waste Slab			1	x	3	. 0	**	×	20	10)	" ×	0.	4	**	=	20.62	cft	
	Steps	0.50	x	21	х	3	0	H	×	0	1 10)	" x	0,	6		*	13.07	cft	
	5763799.07.0																	33,69	Cft	
																@	Rs	0.95 6569.76	Cum Rs.	6241.27
																	710	0000.10	COS.	or the last
9	Tor steel reinf	orce	me	nt								_								
					10	0% av	g.\	Vol			R.C.	C	work							
					- 1	20.01	×	t		97							=	20.63	qntl	
																@	Rs	10017.56	Rs.	206662.26
10	Rigid Smooth	Cen	teri	na	& S	hutte	rin	a I	For	R.C	.C	w	ork							
	Including Fal			. 7				7												
	casting and																			
	directed by th							-											4	
	N. C S. ANNIEW C. C. A. D. CO.	0 011	9		x			-	Х	34	6		9				=	853.87	Sft	
	Deduct opening																	25.61	Sft	
	opening																	828.26	Sft	
																		76.97	Smt	
																@	Rs	671.90	Rs.	51716.14
11	16mm thick	cem	ent	p	last	er in	C	m	(1	:6)	fini	si	hed							
	smooth to bri	ck m	asc	onr	y in	cludi	ng	rac	cki	ng o	ut j	oi	nts							
	including wat	ering	j, c	uri	ng,	cost	C	onv	rey	anc	e, t	ax	es,							
	royalties, labo	ur w	ith	T8	P e	tc. co	mp	olei	te i	n al	8									
				6	x	20			-01	9	' 3	1	"					1151.63	Sft	
				2	х	5				7		1	100				*	80.50	Sft	
				4	X	30	6	. "	X	9	' 3		Д.				=	1128.50 2360.63	Sft	
	Deduction																			
	Grill			1	х	9	0		x	7	0						=	63.00	Sft	
	D D2			8	x		6			7							*	196.00 70.00	Sft	
	W			5	×		.0			4	5.000						=	100.00	SA	

W1	4 .	3'0 "x	4 0 "		-	12.00 Sft	
V .	1 x		2 0 "		=	12.00 Sft	
1900	3 X	Z U X	2 0			453.00 Sft	
						1907.63 Sft	
						177.29 Sqm	
				@	Rs	227.10 Rs	40262.56
	20 AVES						
12 20mm thick cem							
brick or stone							
including wateri royalties & labou Outer Plastering							
Outer Flastering	2 x	22 ' 3 " x	11'3 "			500.63 Sft	
	2 x	32 '0 " x	11 ' 3 "		*	720.00 Sft 1220.63 Sft	
Deduction	12000	E-19/25-17-19/19	0222020 W				
Grill	1 x	9'0 x	7'0"			63.00 Sft	
D	2 x 1 x	3 U A	7'0"		-	49.00 Sft 12.00 Sft	
W1 W	1 x	3'0 "x 5'0 "x	4'0"		=	12,00 Sft 100.00 Sft	
V	3 x	2'0 "x	2 0 "			12.00 Sft	
25	11.75	250000	527.57		5-715	236.00 Sft	
						984.63 Sft	
						91.51 Smt	
				@	Rs	160.60 Rs.	14696.51
shade of the tile complete inclu-	24						
royalties of all r	naterials, la	bour with T&	P complete				
in all respect.							
Granite Tiles		20 ' 9 " x	20 ' 6 "			622.00 66	
Rooms	1 x	20 9 X	30 0			632.88 Sft	
						58.82 Sqm	
				@	Rs	2782.97 Rs.	163694.29
14 Dressed Season	al Sal Wood	Work Wrough	ht & Dut up				
framed and fixed			it or Put up				
posts,including			of all				
holes,mending to							
materials& labou				~. ~ "			
D	10 x	0.3 "×	0'4 "x	7'0"	=	5.77 cft	
	10 x	0'3 "x	0 ' 4 " x	3 ' 6 "	-	2.89 cft	
D2	4 x	0'2 "x	0,3 "x	7 0 "	=	1,12 cft	
1000	4 ×	0'2 "x	0'3 "x	2'6"	-	0.40 cft	
W	10 x	0'3 x	0 4 " x	5'0"	=	4.12 cft	
	10 x	0,3 x	0 " 4 " x	4'0"	**	3.30 cft	
W1	2 ×	0'3 "x	0'4 "x	4'0"	=	0.66 cft	
	2 ×	0.3 "x	0 ' 4 " x	3'0"	*	0.49 cft	
						18.75 cft	

0.53 Cum

45275.30

Rs 85425.10 Rs.

15	Priming on	ne co	oat to w	all su	rface	incl	uding cos	t of	all
	materials a respect.	and	labour	with	T&P	etc	complete	in	all
	Inside								
	Samo as inci	ide D	lactoring	Mida i	tom no	111			

Same as inside Plastering, Vide item no.11 Celling

Same as Out side Plastering. Vide item no.12

1907.63 Sft = 632.88 Sft 984.63 Sft 3525.14 Sft 327.62 Sqm

@ Rs 67.90 Rs. 22245.40

16 wall painting two coats with weather coat of approved make to give an even shade etc including cost of all materials,taxes & labour with T&P etc complete in all floors as per the direction of EIC.

Same as Out side Plastering. Vide item no.15

= 327.62 Sqm @ Rs 80.10 Rs. <u>26242.36</u> Total 1093370.34

3525.14 Sft

17 Supplying, fitting, fixing of shutters wood work.(door and window)

Total Rs. 1143370.34

First Floor

	superstructure usin	a K	B. F	Bricks	of	9	" si	ze.										
	Long Wall	4	×		1 3		" ×	0	9	74	X	9 "	3	360	=	617.44	Cft	
	Short Wall	1	×		. 9		" X		5	in	X	7 .	0	**		16.77	Cft	
	Olibit Well	3	×		, 0		" X		. 9	-	X	9 '	3	*		603.56	Cft	
	Dadwatian															1237.77	Cft	
	Deduction Column															46.83	Cft	
	lintel	- 2		2		ä				11	2	7.		**		67.20	Cft	
	Grill	1	X	9				0			X	400	0		=	47.25	Cft	
	D	6	×	3			" ×	0			X	7'	0	W.	=	110.25	Cft	
	D2	5	×	2			3.70	0		10	х	7 '	0	11.		26.25	Cft	
	W	5	×	5				0		-		-	0		=	75.00	Cit	
	W1	3	×	3				0				**	00	**	=	9.00	Cft	
	V	3	×	4		1	" ×	0	9		Х	2'	U		=	9.00	Cft Cft	
																390.78		
																846.99	Cft	
														@	Rs	23.98 5516.60	Cum Rs.	132288.0
)	R.C.C work M-20													en en	ina.	0010.00	154.	152200.0
	Column																	
	Column	9	×	0	. 8	0	" x	0	9	-	х	9 "	3	181		46.83	Cft	
		0	^				0	0			ੰ	9				1.32	Cum	
														@	Rs	6569.76	Rs.	8672.08
	Lintel													@	na	0505.70	Na.	0072.00
	TT-COROLES	4	×	22	1 3	0	" X	0	9	77	X	0,	6	200		33.38	Cft	
			×	5			" X	0		100	X	0 .	6	11		1.20	Cft	
		1	×		. 0	1	" X	0		111		0'	6	300		32.63	Cft	
		- 9		170			200				93		8			67.20	Cft	
																1.90	Cum	
														@	Rs	6569.76	Rs.	12482.5
	20 2002																	
	Roof slab	1	×	36	. 0	î	" x	26	. 3	11	×	0.	5	W	=	387,45	Cft	
		300		250	21117	16	700	555	0.		27		(5)			387.45	Cft	
																10.97	Cum	
														@	Rs	6569.76	Rs.	72070.2
	Beam	2	×	26			W	0	. 0	44	v	0.1	6	10		40.50	Cff	
				30	. 3		" x	0			*	0,	0					
		4	X	26		5	×	U	я		X	U	ь			39.38	Cft	
																79.88	Cft	
																2.26	Cum	
														@	Rs	6569.76	Rs.	14847.6
)	Tor steel reinforcen	nent	bar	s in F	R.C	.c	wo	rks										
		3515555	1	00% a	vg.	Vo	dum	e of I		Cw	ork							
				16.45	6	×	_1	00.0								16.96	qntl	
								700 7										

21 Rigid Smooth Centering & Shuttering For R.C.C Work

Including False Work And dismentalling ther after

casting and cost of materials etc.complete as

1 x 24'9 "x 34'6 "

= 853.87 Sft 853.87 Sft 76.97 Smt

@ Rs 806.30 Rs.

62060.91

22 16mm thick cement plaster in cm (1:6) finished smooth to brick masonry including racking out joints including watering, curing, cost, conveyance, taxes, royalties, labour with T&P etc. complete in all in side

	6	X	20	1	8		X	9		3		
	2	×	5		9	18	X	7)	0	11	
	4	×	30	9	6	"	x	9	A	3		
Deduction												
D	9	×	3	۲	6	'n	×	7	'	0	*	
D2	4	×	2	þ.	6	**	×	7		0		
W	5	×	5	*	0	*	×	4	*	0	- 14	
W1	1	×	3	+	0	*	×	4		0	*	
V	3	×	2	ŧ	0	w	×	2		0	*	

= 1151.63 Sft = 80.50 Sft = 1128.50 Sft 2360.63 Sft = 220.50 Sft = 70.00 Sft = 100.00 Sft = 12.00 Sft = 12.00 Sft = 1414.50 Sft

1946.13 Sft 180.87 Sqm

Rs 232.40 Rs 42034.19

23 20mm thick cement plaster (1:6) finished smooth to brick or stone masonry after racking out joints, including watering, curing, cost, conveyance, taxes, royalties & labour with T&P etc. complete. Outer Plastering

	2	×	22 ' 3	" X	9'3	-
	2	×	32 ' 0	" X	9'3	*
Deduction						
D	3	×	3 6	" X	7'0	
W1	1	×	3.0	" X	4 0	**
W	5	X	5 0	" X	4 0	**
V	3	X	2'0	" ×	2 0	46

411.63 Sft 592.00 1003.63 Sft 73.50 Sft 12.00 Sft 100.00 Sft 12.00 Sft 197.50 Sft 806.13 Sft 74.92 Smt Rs 164.10 Rs. 12294.37

24 Fixing of tiles in floors, Trades of steps & Landing over 25mm thick bed of cement mortar 1:1 jointed with cement slurry mixed with pigments to match the shade of the tiles, including rubbing & polishing etc. complete including cost, conveyance, taxes & royalties of all materials, labour with T&P complete in all respect. Granite Tiles 20'9 "x 30'6 Rooms 25 Dressed Seasonal Sal Wood Work Wrought & Put up framed and fixed in burghas, rafters, and

632.88 Sft 632.88 58.82 Sam 164313.67 2793.50 Rs.

posts,including cutting gruves,drilling holes,mending to size etc.including cost of all materials& labour with T&P etc. Complete.

D	12	×	0 3	" x	() "	4	**	Х	7	0	11		6.93	cft
	12	x	0 ' 3	" x	() *	4	**	X	3 '	6	++	=	3.46	cft
D2	4	×	0.2	" ×	() ,	3	100	X	7 .	0			1.12	cft
	4	×	0 ' 2	" x	() '	3	**	X	2'	6		=	0.40	cft
W	10	×	0 ' 3	" ×	(),	4	*	X	5 '	0	310		4.12	cft
	10	x	0'3	" x	() "	4	"	X	4	0	77	=	3.30	cft
W1	2	x	0 * 3	" x	() "	4	**	х	4	0	**	=	0.66	cft
	2	×	0'3	" ×	() .	4	**	×	3 '	0	*		0.49	cft
														20.48	cft

Rs 85425.10 Rs. 49546.56

Cum

0.58

26 Priming one coat to wall surface including cost of all materials and labour with T&P etc complete in all respect.

Inside

Same as inside Plastering. Vide item no.11

Same as Out side Plastering. Vide item no.12

1946.13 Sft 632.88 Sft 806.13 Sft 3385.14 Sft 314.60 Sqm

69.50 Rs. 21864.70

27 Wall painting two coats with weather coat of approved shade & approved make to give an even shade etc including cost of all materials, taxes & labour with T&P etc. complete in all floors as per the direction of EIC.

Same as Out side Plastering. Vide item no.15

314.60 Sqm Rs 82.70 Rs. 26017.42 Total 788825.11

28 Supplying, fitting, fixing of shutters wood work.(door and window)

LS 50000.00

	Total	Rs.	838825.11	
Ground Floor		Rs.	1143370.34	
First Floor		Rs.	838825.11	
Add Gst 18%		Rs.	356795.00	
G. Total		Rs.	2338990.45	_
	Say	Rs.	2338990.00	
		Rs.	30000.00	
		Rs.	39010.00	
G. Total		Rs.	2408000.00	_
	Sav	Rs.	24.08 Lakh	

Electrification PH & Sanitary works

Rupees Twentyfour Lakh Eight Thousand only

Apple Collenge nator Coordinator Block

Asst Conservator of Forest
Asst Conservator of Forest
I/c- Berhampur Range

Certified that The Estimate has been prepared as per the revised GST schedule of Rate of 2017 and current labour wages and 1% labour cess & GST 18% included in analysis . The supervision charges has not been included during preparation of the Estimate.

Technical Suntant Ganiam Gania

Asst. Conservator of Forest I/c Berhampur Range

				-
ANA	LYSIS	SOF	PAT	E.C.
MIN M	to I willy	1 UT	13.03.1	

	ANALYSIS OF RATES		, ,		
SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
1	Earth work in hard soil or gravelly soil with in 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7 cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge.				
	Unit = Cum (A/R 2006-1(2a)-Page No-2) Taking output = 100 Cum				
	a) Labour				
	Man Mulia unskilled	Each	21.50	345.00	7417.5
	Woman Mulia unskilled	Each	21.50	345.00	7417.5
	100000 0000			0.00000000	14835.0
	b) Overhead charges @ 7.5% on (a)		7.5%	14835.00	1112.6
	c) Contractors Profit @ 7.5% on (a)		7.5%	14835.00	1112.6
	Cost per 100 Cum = a+b+c		56555	194114	17060.2
	d) Add 20% for ecavation of foundation		20%	17060.25	3412.0
			2007	20.170.00	20472.30
	Add towards Labour Cess @ 1%		1%	20472.30	204.7
	Date next Cum				20677.02 206.7
	Rate per 1 Cum		Cau	206 90	per cum
,	Filling foundation and plinth with excavated earth complete wth all.		Say	200.00	per cum
				1	
	For 1 Cum -2/3 rd of item-4(a)		0.67	227.70	151.802474
	Add towards Labour Cess @ 1%		196	151.80	1.5
				Total	153.32
				Say	153.3
	Plain cement concrete (1:4:8) with 40 mm hard granite metal in foundation as per Drawing and Technical Specification Unit = Cum (A/R 2006-Page No-43 item-4) Taking output = 1 cum				
	a) Materials				
	40mm size H. G.C.B metal	Cum	0.96	995.25	955.4
	Sand (screened & washed)	Cum	0.48	66 23	31.7
	Cement	Qnti	1.72	674.00	1159.2
				1,7010,1796	2146.5
	b) Labour Mason 2nd class	Each	0.40	425.00	70.0
	Man Mulia	Each	0.18 2.50	435.00 345.00	78.3 862.5
	Woman Mulia	Each	1.40	345.00	483.0
	rygman mulici	Eduli	1,40	343.00	1423.8
	c) Overhead charges @ 7.5% on (a+b)		7.5%	3570.31	267./
	c) Overhead charges @ 7.5% on (a+b) d) Contracor's Profit @ 7.5% on (a+b)		7.5%	3570.31	267.7
	e) Carriage & Royalty		1.00	SAFEGUE	3603.7
	40mm size H.G.C.B metal	Cum	0.96	810.51	778.0
		Cum	0.48	755.28	362.5
	Cement	Onti	1.72	30.73	52.8
			0.05000	20.10	1193.4
	Rate per Cum = a+b+c+d+e				5299 3
	Add towards Labour Cess @ 1%		1%	5299.33	52.9
			.000		5352.32
				Say	5352.30
4	Plain cement concrete (1:3:6) with 12mm size Crosser broken hard granite metal with cost of all labour & materials.			2000	

hard granite metal with cost of all labour & materials.

(A/R 2006/III/9-Page No-45 item-9) Unit = Cum

Taking output = 1 cum

a) Materials

lo.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	12mm size H.G.C.B metal	Cum	0.9	1396.62	1256.96
	Sand (screened & washed)	Cum	0.45	66.23	29.80
	Cement	Qnti	2.15	674.00	1449.10
	SAFAUREUS.			0.000	2735.86
	b) Labour	Each	0.68	425.00	295.80
	Mason 2nd class	Each		435.00	
	Man Mulia	Each	3.20	345.00	1104.00
	Woman Mulia	Each	1.40	345.00	483.00
			7559000	990(5)(0)292	1882.80
	 Overhead charges @ 7.5% on (a+b) 		7.5%	4618.66	346.40
	d) Contracor's Profit @ 7.5% on (a+b)		7.5%	4618.66	346.40
	e) Carriage & Royalty				
	12mm size H.G.C.B metal	Cum	0.96	810.51	778.09
	Sand (screened & washed)	Cum	0.48	755.26	362 52
	Cement	Qnti	1.72	30.73	52.86
					1193.47
	Rate per Cum = a+b+c+d+e				6504.93
	Add towards Labour Cess @ 1%		1%	6504.93	65.05
				244122723	6569.98
				Say	6570.00
5	RRHG stone masonery 1:6 in foundation & plinth including			0.040	
	cost of all materials, labour, T&P, etc. complete. (As per			2	
	A.R. 75/3)				
	a) Materials				
	RR stone	Cum	1.00	221.83	221.83
	Sand	Cum	0.34	66.23	22.52
	Cement	Qtl	0.815	674.00	549.38
					793.73
	b) Labour				
	Mason 1st class	Each	0.35	495.00	173.25
	Mason 2nd class	Each	1.41	435.00	613.35
	Man and woman mulia	Each	3.17	345.00	1093.65
					1880.25
					2673.98
	c) Overhead charges @ 7.5% on (a+b)		7.5%	2673.98	200.55
	d) Contracor's Profit @ 7.5% on (a+b)		7.5%	2673.98	200.55
	e) Lead & Rayality of				
	RR stone	Cum	1.00	552.47	552.47
	Sand	Cum	0.34	755.26	89.72
	Cement	Qntl	0.8151	30.73	13.18
	e-entretts	- C200 100 V	707000		655.37
	Rate per Cum = a+b+c+d+e			Rs.	3730.45
	NOTE \$1.57 TO - TOTAL TO SELECT THE REPORT OF THE SELECT THE SELEC		1%	3730.45	37.30
	Add towards Labour Cess @ 1%		1.70	Rs.	3767.75
				Say Rs.	3767.75
	Fly ash Brick Masonry in Cement Mortar (1:6) using bricks of size	-		Jay Ita.	5101113
	(23 Cm. x 11 Cm. x BCm.) in foundation and plinth				
	[BOD 1807] FOR BODING TO THE REPORT OF SECURITION OF THE SECURITIES OF THE SECURITIE				
	Unit = Cum (A/R 2006-Page No-71 item-3)				
	Taking output = 1 cum				
	a) Materials	4000	400.00	APP 4 20	4004.05
	Bricks	1000	400.00	4554.88	1821.95
	Sand (screened & washed)	Cum	0.28	66.23	18.54
	Cement	Qnti	0.672	674.00	452.93
					2293.42
	b) Labour			495.00	2293.42 173.25

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Mason 2nd class	Each	1.05	435.00	456.75
	Man Mulia	Each	1.55	345.00	534.75
	Woman Mulia	Each	1.41	345.00	486.45
					1651.20
c)	Overhead charges @ 7.5% on (a+b)		7.5%	3944.62	295.85
d)	Contracor's Profit @ 7.5% on (a+b)		7.5%	3944.62	295.85
e)	Carriage & Royalty				
	Bricks	1000	400	926.92	370.77
	Sand (screened & washed)	Cum	0.28	755.26	211.47
	Cement	Qntl	0.672	30.73	20.65
					602.89
R	ate per Cum = a+b+c+d+e				5139.21
	dd towards Labour Cess @ 1%		1%	5139.21	51.39
	S to		78.55	AN (7-110)	5190.60
				Say	5190.60
IAL F	or Superstructure Brick(1:6)				
7	ate as above				5190.60
2.23	dd extra towards Labour & scaffolding charges				33.00
			7.5%	33.00	2.48
	verhead Charges on extra labour ontractor's Profit		7.5%	33.00	2.48
6.33				- 37.95	0.38
A	dd towards extra Labour Cess @ 1%		1%	31,80	
				0	5228.93
				Say	5228.90
	or First Floor Brick(1:6)				5000.00
0.000	ate as above		18288	8055720	5228.93
4,540	fd extra Labour		15%	1651.20	247.68
	verhead Charges on extra labour		7.5%	247.68	18.58
0.000	ontractor's Profit		7.5%	247.68	18.58
Ac	id towards extra Labour Cess @ 1%		1%	284.83	2.85
					5516.61
				Say	5516.60
	gid and smooth centering & shuttering for R.C.C. works				
in	cluding false works and dismantling them after casting including				
CC	st of materials complete (Gr Floor)			19.	
0	R.C.C. floor and roof slabs, landings, balconies, projecting sun shades				
an	d chajjas upto 4.3m height				
Ur	nit = sqm (A/R 2006-Page No-53 item-10)				
Ta	king output = 9 sqm				
a)	Materials				
0.119	Non sal wood scantling	Cum	0.112	58374.79	6537.98
	Planks 38mm	Cum	0.340	58374.79	19847.43
	120mm dia sal bullah	Mtr	56.00	51.87	2904.72
	Carriage of wood	Cum	1.142	198.30	226.45
	daningo ar risos				29516.58
C	binsidering 10 times use of the materials, for use once	For 1 tir	ne cost		2951.66
b)		1011	110 0001		2301.00
U		Each	2.75	435.00	1196.25
	Carpenter 2nd class	Each	2.75	385.00	1058.75
	Semi skilled Muliua	COUL	2.10	200.00	2255.00
0.74	Academic A Tev as facts		7.50	FORE OF	
c)			7.5%	5206.66	390.50
d)			7.5%	5206.66	390.50
	ate per 9Sqm = a+b+c+d				5987.66
	ite per Sqm = (a+b+c+d)/9			1212115	665.30
Ac	ld towards Labour Cess @ 1%		1%	665.30	6.65
					671.95
				Say	671.90

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
(A)	For First Floor				
	Rate as above				671.95
	Add extra		20%	671.95	134.39
					806.34
				Say	806.30
	ii) R.C.C. stairs excluding landing but including railing				
	Unit = sqm (A/R 2006-Page No-53 item-10)				
	Taking output = 5 sqm				
	a) Materials				
	Non sal wood 38mm thick planks	Cum	0.228	58374.79	13309.45
	Non sal wood scantling	Cum	0.039	58374.79	2276.62
	120mm dia non sal bullah	Mtr	6.500	41.81	271.77
	Carriage of wood	Cum	0.350	198.30	69.40
					15927.24
	Coinsidering 10 times use of the materials, for use once	For 1 ti	me cost		1592.72
	b) Labour				
	Carpenter 2nd class	Each	2.75	435.00	1196.25
	Semi skilled Muliua	Each	2.75	385.00	1058.75
					2255.00
	 Overhead charges @ 7.5% on (a+b) 		7.5%	3847.72	288.58
	d) Contracor's Profit @ 7.5% on (a+b)		7.5%	3847.72	288.58
19	Rate per 5Sqm = a+b+c+d				4424.88
- 3	Rate per Sqm = (a+b+c+d)/5				884.98
	Add towards Labour Cess @ 1%		1%	884.98	8.85
					893.83
				Say	893.80
(A)	For First Floor				
1	Rate as above				893.83
1	Add extra		20%	893.83	178.77
				1000	1072.59
				Say	1072.60
i	iii) R.C.C. foundation, plinth band and footings bases of columns, mass				
	concrete pre-cast slabs etc				
1	Unit = sqm (A/R 2006-Page No-54 item-10)				
	Taking output = 10 sqm			790	
3	a) Materials				
	25mm thick non sal planks	Cum	0.267	58374.79	15586.07
	Non-sal bullah 80mm dia for strutting	Mtr	12.600	30.81	388 21
	Carriage of wood	Cum	0.3284	198.30	65.12
					16039.40
(Coinsidering 10 times use of the materials, for use once		For 1 ti	me cost	1603.94
	b) Labour				
	Carpenter 2nd class	Each	0.50	435.00	217.50
	Semi skilled Muliua	Each	0.50	385.00	192.50
					410.00
	c) Overhead charges @ 7.5% on (a+b)		7.5%	2013.94	151.05
	d) = Contracor's Profit @ 7.5% on (a+b)		7.5%	2013.94	151.05
	Rate per 10Sqm = a+b+c+d		333.538	2000000	2316.03
	Rate per Sqm = (a+b+c+d)/10				231.60
F	Add towards Labour Cess @ 1%		1%	231.60	2.32
					233.92
				Sav	
1				Say	233.90
(A) F	For First Floor			Say	233.90
(A) F			20%	Say 233.92	

SI. No. Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
iv) R.C.C. beams, column, grider and bressmer, e	tc.		Say	280.70
Unit = sqm (A/R 2006-Page No-54 item-10)				
Taking output = 4.2 sqm				
a) Materials				
38mm thick non sal planks	Cum	0.218	58374.79	12725.70
120mm dia sai bullah	Mtr	15.200	51.87	788.42
80mm dia sal bullah for bracing	Mtr	8.000	51.87	414.96
Carriage of wood	Cum	0.456	198.30	90.42
A		_		14019.51
Coinsidering 10 times use of the materials, for use or	ice	For 1	time cost	1401.95
b) Labour	Foot	0.70	100.00	274224
Carpenter 2nd class Semi skilled Muliua	Each	2.75	435.00	1196.25
Semi skilled Mulida	Each	2.75	385.00	1058.75
c) Overhead charges @ 7.5% on (a+b)		7.5%	3656.95	2255.00 274.27
d) Contracor's Profit @ 7.5% on (a+b)		7.5%	3656.95	274.27
Rate per 4.2Sqm = a+b+c+d		1,0,0	3030.30	4205.49
Rate per Sqm = (a+b+c+d)/4.2				1001.31
Add towards Labour Cess @ 1%		1%	1001.31	10.01
1000 000 000 000 000 000 000 000 000 00		****		1011.32
			Say	1011.30
(A) For First Floor				05.79055
Rate as above				1011.32
Add extra		20%	1011.32	202.26
				1213.59
			Say	1213.60
v) R.C.C. Lintels (A/R 2006-Page No-54 item-10)				
Unit = sqm				
Taking output = 7.8 sqm				
a) Materials				
38mm thick non sal planks	Cum	0.413	58374.79	24108.79
120mm dia non sal bullah	Mtr	21.000	41.81	878.01
Carriage of wood	Cum	0.689	198.30	136.63
		PO-02/92		25123.42
Coinsidering 10 times use of the materials, for use on	ce For 1 tim	e cost		2512.34
b) Labour	Fresh	1.00	105.00	F40.70
Carpenter 2nd class	Each	1.25	435.00	543.75
Semi skilled Mullua	Each	1.25	385.00	481.25
				1025.00
c) Overhead charges @ 7.5% on (a+b)		7.5%	3537.34	265.30
d) Contracor's Profit @ 7.5% on (a+b)		7.5%	3537.34	265.30
Rate per 7.8Sqm = a+b+c+d		1.50.70	3331,04	4067.94
Rate per Sqm = (a+b+c+d)/7.8				521.53
Add towards Labour Cess @ 1%	-	1%	521.53	5.22
		17.3%	02.100	526.75
			Say	526.75
(A) For First Floor				
Rate as above				526.75
Add extra		20%	526.75	105.35
				632.10
			Say	632.10
vi)R.C.C. Walls and fins (A/R 2006-Page No-55	item-10)		1000	100000000
Unit = sqm	CAMPAGATA			
Taking output = 23.9 sqm				

SI.		Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	a)	Materials			, , ,	
		38mm thick non sal planks	Cum	0.954	58374.79	55689.55
		Non sal wood scantling	Cum	0.269	58374.79	15702.82
		120mm dia non sal bullah	Mtr	100.800	41.81	4214.45
	3	Carriage of wood	Cum	2.461	198.30	488.01
						76094.82
	Coi b)	insidering 10 times use of the materials, for use once Labour	For 1 time of	ost		7609.48
		Carpenter 2nd class	Each	13.50	435.00	5872.50
		Semi skilled Muliua	Each	13.50	385.00	5197.50
						11070.00
	c)	Overhead charges @ 7.5% on (a+b)		7.5%	18679.48	1400.96
	d)	Contracor's Profit @ 7.5% on (a+b)		7.5%	18679.48	1400.96
	Rat					21481.40
						898.80
		AC 45 PO 1 PO 1 C 5 C 5 C 5 C 5 C 5 C 5 C 5 C 5 C 5 C		1%	898.80	8.99
	a) Materials 38mm thick non sal planks Non sal wood scantling 120mm dia non sal bullah Carriage of wood Coinsidering 10 times use of the materials, for use once b) Labour Carpenter 2nd class Semi skilled Muliua c) Overhead charges @ 7.5% on (a+b) d) Contracor's Profit @ 7.5% on (a+b) Rate per 23.9Sqm = a+b+c+d Rate per Sqm = (a+b+c+d)/23.9 Add towards Labour Cess @ 1% For First Floor Rate as above Add extra R.C.C. work of M-20 grade with 20mm and down grade bl. granite (crusher broken) stone chips including hoisting and Unit = cum (A/R 2006-Page No-50 item-4) Taking output = 15 cum a) Materials 20mm size H.G.C.B chips Sand (screened & washed) Cement b) Labour Mate Mason 2nd class Woman Mulia c) Machinery Concrete Mixer (cap. 0.40/0.28 cum) Generator 33 kva d) Overhead charges @ 7.5% on (a+b+c) e) Contracor's Profit @ 7.5% on (a+b+c) f) Carriage & Royalty 20mm size H.G.C.B chips Sand (screened & washed) Cerment Rate per 15 Cum = a+b+c+d+e+f		100	200000	907.79	
					Sav	907.79
(A)	For	First Floor				*****
No. 24	000					907.79
		5000 BB 30 50	hick non-sal planks hick non-sal planks hick non-sal planks wood scantiling dia non-sal butteh of wood 0.269 58374.79 dia non-sal butteh	181.56		
	2100	. 30.44		20.0	007,10	1089.35
					Sav	1089.30
8	RC	C work of M-20 grade with 20mm and down grade blad	k hard		227	1000.00
		[[[[[[[[[[[[[[[[[[[
	Uni	t = cum (A/R 2006-Page No-50 Item-4)				
		TO (1) (TO II 75)				
		4) (c) = 1 - ((((((((((((((((((
	-4	[24] [14] [15] [16] [16] [16] [16] [16] [16] [16] [16	Cum	8.10	1382 29	11196.55
	53	**************************************	2.0			7601.96
						447.05
						35115.40
		Cenent	100	0.4.6	0740.00	54360.96
	hi	Labour			16	24300,50
			Each	0.86	385.00	331.10
						652.50
						6900.00
		VVOINGIT Mulia	Coult	20.00	340.00	7883.60
	-	Machinery				7003.00
		- INCOMPANIES -	House	6.00	220 66	1377.30
		Control of the Contro				
		Generator 33 kva	noul	0.00	700.00	4200.00
	40	Overhead shares @ 7.5% on (ash sa)		7.500	07004.00	5577.30
		2011-01-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-				5086.64
		- 1.1945 (1.10 B)	14.00	1.5%	6/621.66	5086.64
			200.00	20220	11202120	72000100
		5.70 (1.1. P. P. P. P. 1. P. J. P.	20000000			6565.13
		[17] (17] (18] (17] (17] (17] (17] (17] (17] (17] (17				4376.75
		c.C. work of M-20 grade with 20mm and down grade blanite (crusher broken) stone chips including hoisting and the cum (A/R 2006-Page No-50 item-4) (king output = 15 cum Materials 20mm size H.G.C.B chips 10mm size H.G.C.B chips Sand (screened & washed) Cement Labour Mate Mason 2nd class Woman Mulia Machinery Concrete Mixer (cap. 0.40/0.28 cum) Generator 33 kva Overhead charges @ 7.5% on (a+b+c) Contracor's Profit @ 7.5% on (a+b+c) Carriage & Royalty 20mm size H.G.C.B chips 10mm size H.G.C.B chips 10mm size H.G.C.B chips Sand (screened & washed) Cement				5098.01
		Cement	MT	5.21	89.50	466.30
						16506.19
		1957 P. B.				94501.32
	Rati	e per Cum = (a+b+c+d+e+f)/15				6300.09
	0.44	### Skilled Mullius	63.00			
	nuu	TOTAL DE LEGICIE GODO IN TOTAL			58374.79 41.81 198.30 435.00 385.00 18679.48 18679.48 898.80 Say 907.79 Say 1382.29 1407.77 66.23 6740.00 385.00 435.00 345.00 345.00 345.00 345.00 67821.86 810.51 755.26 89.50	00.00
	nuu	TOTAL ELECTRIC GOOD IN THE		9000	H.0011760=	6363.09

SI.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
-	For First Floor R.C.C M-20				/ arrent etc
	Rate as above				6363.09
	Add extra Labour		15%	525.57	78.8
	Overhead Charges on extra labour		7.5%	78.84	5.9
	Contractor's Profit		7.5%	78.84	5.9
	Add towards extra Labour Cess @ 1%		1%	90.66	0.9
				83	6454.66
				Say	6454.70
a	R.C.C. work of M-20 grade Column Footing / Pile cap / Raft				
	Unit = cum				2202.00
	Rate as above	0	4.50	222.00	6363.09
	Add towards Centering & Shuttering	Sqm	1.50	233.92	350.8
				0.000	6713.97
	0.00			Say	6714.0
þ	R.C.C. work of M-20 grade Plinth Beam				
	Unit = cum				
	Rate as above	6	F 00	202.00	6363.09
	Add towards Centering & Shuttering	Sqm	5.00	233.92	1169.60
					7532.68
23				Say	7532.70
C	R.C.C. work of M-20 grade Column & Beam in Ground Floor				
	W. W			1.0	
	Unit = cum				20000 00
	Rate as above	0	0.00	4044.00	6363.09
	Add towards Centering & Shuttering	Sqm	8.00	1011.32	8090.57
				•	14453 66
				Say	14453.70
	For First Floor Column , Beam				0.000.00
	Rate as above	Carre	0.00	4045.50	6454.66
	Add towards Centering & Shuttering	Sqm	8.00	1213.59	9708.68
				C.	16163.34
	D.C.C. conductivity 20 and a Habilia Consul Street			Say	16163.30
a	R.C.C. work of M-20 grade Lintel in Ground Floor				
	Unit = cum Rate as above				0202.00
		Cam	14.00	526.75	6363.09
	Add towards Centering & Shuttering	Sqm	.14.00	220.13	7374 45 13737 54
				Cour	13737.50
	For First Floor Lintel			Say	13/3/.00
	Rate as above				6454.66
	Add towards Centering & Shuttering	Sgm	14.00	632.10	8849.34
	Not lowards devicering a Strattering	aqin	14.00	092.10	15304.00
				Say	15304.00
0	R.C.C. work of M-20 grade Chajja (65 mm av. Thick) in Ground Floor			Say	15504.00
u	N.C.C. WORK OF REZU GRADE Chajja (65 min av. Trick) in Ground Froot				
	Unit = Sqm				
	Rate as above	Cum	0.065	6363.09	413.60
	Add towards Centering & Shuttering	Sqm	1.10	671.95	739.14
	not total as deliciting a citationing	oqui	1,10	071.00	1152.74
				Say	1152.70
	For First Floor Chajja			Say	1132.70
	Rate as above	Cum	0.065	6454.66	419.55
	Add towards Centering & Shuttering	Sqm	1.10	806.34	886.97
	nos saratos demoning a difutienting	oqui	1.10	000.34	1306.52
				Say	1306.50

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Unit = cum			78	V SUSSIEV
	Rate as above	090000	20.00	110000000000000000000000000000000000000	6363.09
	Add towards Centering & Shuttering	Sqm	10.00	671.95	6719.48
				302300	13082.57
				Say	13082.6
	For First Floor Roof Slab Rate as above				6454.66
		Sqm	10.00	806.34	8063.38
	Add towards Centering & Shuttering	adm	10.00	000.34	14518.03
				Say	14518.0
q	R.C.C. work of M-20 grade Stair Case in Ground Floor			-	
-	Unit = cum				
	Rate as above				6363.09
	Add towards Centering & Shuttering	Sqm	9.00	893.83	8044.4
					14407.53
				Say	14407.5
	For First Floor Stair Case				1000000
	Rate as above	52000		2000000	6454.66
	Add towards Centering & Shuttering	Sqm	9.00	1072.59	9653.33
				0	16107.98
	D.C.C. work of M.20 mode. Shakes 127 E. von Thick's in County			Say	16108.0
	R.C.C. work of M-20 grade Shelves (37.5 mm Thick) in Ground Floor			- 1	
	Unit = Sqm				
	Rate as above	Cum	0.0375	6363.09	238.62
	Add towards Centering & Shuttering	Sqm	1,10	671.95	739.1
	roo torrate containing a criationing	oq.ii	1,100	071100	977.76
				Say	977.80
	For First Floor Shelves				
	Rate as above	Cum	0.0375	6454.66	242.05
	Add towards Centering & Shuttering	Sqm	1.10	806.34	886.9
				0020000	1129,02
				Say	1129.00
1	R.C.C. work of M-20 grade Fins(80 mm thick) in Ground Floor				
	Unit = Sqm				
	Rate as above	Cum	0.08	6363.09	509 05
	Add towards Centering & Shuttering	Sqm	2.00	907.79	1815.58
			15000		2324 63
				Say	2324.60
	For First Floor Fins			2222	
	Rate as above	Cum	0.08	6454.66	516.37
	Add towards Centering & Shuttering	Sqm	2.00	1089.35	2178.70
					2695.07
				Say	2695.10
	Supplying, fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specifications in Ground Floor				
	Unit = Qntl. (A/R 2006-Page No-52 item-9)				
	Taking output = 1MT				
	a) Materials				
	HYSD bars including 5 percent overlaps and wastage	MT	1.05	76981.82	80830.9
	Binding wire	Kg.	8.00	90.10	720.80
	5000 AND 5075754	340			81551.71
	b) Labour				

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Blacksmith Special	Each	3.00	495.00	1485.00
	Man Mulia	Each	8.00	345.00	2760 00
					4414.40
c)	Overhead charges @ 7.5% on (a+b)		7.5%	85966.11	6447.46
d	Contracor's Profit @ 7.5% on (a+b)		7.5%	85966,11	6447.46
e)	Carriage & Royalty				
	HYSO bars including 5 percent overlaps and wastage	MT	1.05	307.32	322.69
				- P. P. Co.	322.69
R	ate per 1 MT = a+b+c+d+e				99183.71
R	ate per 1 Qnt = (a+b+c+d+e)/10				9918.37
	dd towards Labour Cess @ 1%		1%	9918.37	99.18
					10017.56
			Say	10017.56	Qnti
1	or First Floor reinforcement				10017.50
	ate as above		-		10017.56
353	dd extra Labour		5%	441.44	22.07
	verhead Charges on extra labour		7.5%	22.07	1.66
11.7	ontractor's Profit		7.5%	22.07	1.66
A	dd towards extra Labour Cess @ 1%		1%	25.38	0.25
					10043.19
				Say	10043.20
	2mm thick Cement Plaster (1:6) over Brick Masonry finis mooth in Inside	hed			
U	nit = Sqm (A/R 2006-Page No-103 item-4)				
Ta	aking output = 1Sqm				
a)	Materials				
	Sand	Cum	0.015	66.23	0.99
	Cement	Qntl.	0.0358	674.00	24.13
					25.12
b)	Maria (1990) (1990) - Araba (1990)				
	Mason 2nd Class	Each	0.14	435.00	60.90
	Man Mulia	Each	0.07	345 00	24.15
	Woman Mulia	Each	0.05	345.00	17.25
				100	102.30
c)	Overhead charges @ 7.5% on (a+b)		7.5%	127.42	9.56
d)	Contracor's Profit @ 7.5% on (a+b)		7.5%	127.42	9.56
0)	Carriage & Royalty				
	Sand	Cum	0.015	755,26	11.33
	Cement	Qntl.	0.0358	30.73	1.10
					12.43
R	ate per 1 Sqm = a+b+c+d+e				158.97
	dd towards Labour Cess @ 1%		1%	158.97	1.59
					160.55
				Say	160.60
(A) F	or First Floor (12 mm C.P Inside wall)	-		10 10 10 10 10 10 10 10 10 10 10 10 10 1	
7 (3)	ate as above				160.55
	dd extra Labour		3%	102.30	3.07
	verhead Charges on extra labour		7.5%	3.07	0.23
	ontractor's Profit		7.5%	3.07	0.23
C	dd towards extra Labour Cess (fil. 1%)		7.5%	3.33	13.044
C	dd towards extra Labour Cess @ 1%		1%	3.53	0.04 164.12
C	dd towards extra Labour Cess @ 1%		176	Say	164.12 164.10

11 16mm thick Cement Plaster (1:6) over Brick Masonry finished smooth in Ground Floor

Unit = Sqm (A/R 2006-Page No-105 item-14)

No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Taking output = 1Sqm				
	a) Materials				
	Sand	Cum	0.018	66.23	1.1
	Cement	Qntl.	0.043	674.00	28.9
					30.1
	b) Labour				
	Mason 2nd Class	Each	0.16	435.00	69.6
	Man Mulia	Each	0.13	345.00	44.8
	Woman Mulia	Each	0.11	345.00	37.95
					152.40
	 c) Overhead charges @ 7.5% on (a+b) 		7.5%	182.57	13.69
	d) Contracor's Profit @ 7.5% on (a+b)		7.5%	182.57	13.69
	e) Carriage & Royalty				
	Sand	Cum	0.018	755.26	13.59
	Cement	Qntl.	0.043	30.73	1.32
					14.92
	Rate per 1 Sqm = a+b+c+d+e				224.88
	Add towards Labour Cess @ 1%		1%	224.88	2.25
					227.13
				Say	227.10
A)	For First Floor (16 mm C.P INSIDE)				
	Rate as above				227.13
	Add extra Labour		3%	152.40	4.57
	Overhead Charges on extra labour		7.5%	4.57	0.34
	Contractor's Profit		7.5%	4.57	0.34
	Add towards extra Labour Cess @ 1%		1%	5.26	0.05
	50. C. C. 1916 9 4 5 C. 1916 C. 1916 C. 1916 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			00000	232.44
				Say	232.40
26	Priming one coat with approved Water Bound Wall cement Prin	ner on		77.	
	Plastered Surface in Ground Floor				
	Unit = Sqm (A/R 2006-Page No-93 item-1)				
	Taking output = 9.3Sqm				
	a) Labour				
	Painter Special	Each	0.50	495.00	247.50
	Man Mulia	Each	0.50	345.00	172.50
	TO A STATE OF THE			-	420.00
	Add towards cost of Water Bound Wall Cement Primer	Ltr	0.780	159.03	124.04
	b) Overhead charges @ 7.5% on (a)	9,777	7.5%	544.04	40.80
	c) Contractor's Profit @ 7.5% on (a)		7.5%	544.04	40.80
	Rate per 9.3 Sqm = a+b+c		1.00.00	011101	625.65
	Rate per 1 Sqm = (a+b+c)/9.3				67.27
					67.27
	The State Control of the State		196	67 27	0.67
	Add towards Labour Cess @ 1%		1%	67.27	0.67 67 95
	The State Control of the State		1%	-	67.95
	Add towards Labour Cess @ 1%	~	1%	67.27 _ Say	67.95
	Add towards Labour Cess @ 1%	~	1%	-	
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface		1%	-	67.95 67.90
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface Rate as above	~		Say	67.95 67.90
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface Rate as above Add extra Labour		3%	Say 45.16	67.95 67.90 67.95 1.35
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface Rate as above Add extra Labour Overhead Charges on extra labour		3% 7.5%	Say 45.16 1.35	67.95 67.90 67.95 1.35 0.10
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface Rate as above Add extra Labour Overhead Charges on extra labour Contractor's Profit		3% 7.5% 7.5%	45 16 1.35 1.35	67.95 67.90 67.95 1.35 0.10 0.10
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface Rate as above Add extra Labour Overhead Charges on extra labour		3% 7.5%	Say 45.16 1.35	67.95 67.90 67.95 1.35 0.10 0.10
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface Rate as above Add extra Labour Overhead Charges on extra labour Contractor's Profit Add towards extra Labour Cess @ 1%		3% 7.5% 7.5%	45.16 1.35 1.35 1.56	67.95 67.90 67.95 1.35 0.10 0.10 0.02 69.52
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface Rate as above Add extra Labour Overhead Charges on extra labour Contractor's Profit		3% 7.5% 7.5%	45 16 1.35 1.35	67.95 67.90 67.95 1.35 0.10 0.10

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Rate as above				67.95
	Add extra Labour		5%	45.16	2.28
	Overhead Charges on extra labour		7.5%	2.26	0.17
	Contractor's Profit		7.5%	2.26	0.17
	Add towards extra Labour Cess @ 1%		1%	2.60	0.03
				1000000	70.57
	Outside Walls			Say	70.60
27	Wall Painting two coats with approved Plastic Emulsion Paint in				
	Ground Floor.				
	Unit = Sqm (A/R 2006-Page No-99 item-20)				
	Taking output = 10Sqm				
	a) Labour				
	Painter Special	Each	0.54	495.00	267.30
	Man Mulia	Each	0.64	345.00	220.80
					488.10
	Add towrds cost of Plastic Emulsion Paint	Ltr	1.250	249.34	311.68
	b) Overhead charges @ 7.5% on (a)		7.5%	799.78	59.98
	c) Contractor's Profit @ 7.5% on (a)		7.5%	799.78	59.98
	Rate per 10 Sgm = a+b+c			.000000	919.74
	Rate per 1 Sqm = (a+b+c)/10				91,97
	ACACCA-2007312-07104-00-00-00-00-00-00-00-00-00-00-00-00-0				91.97
	Add towards Labour Cess @ 1%		1%	91.97	0.92
	**************************************			-	92.89
				Say	92.90
A)	For First Floor (INSIDE) two coats Plastic Emulsion Paint				08.00
16	Rate as above				92.89
	Add extra Labour		3%	48.81	1.46
	Overhead Charges on extra labour		7.5%	1.46	0.11
	Contractor's Profit		7.5%	1.46	0.11
	Add towards extra Labour Cess @ 1%		1%	1.68	0.02
	The lower of the cappain of the capp		1,79	1.00	94.59
				Say	94.60
0	Painting two coats with any approved colour of weather seal coat to			Say	34.00
	out side surface of wall in Ground Floor				
	Unit = Sqm (A/R 2006-Page No-99 item-20)				
	Taking output = 10Sqm				
	a) Labour				
82	Painter Special	Each	0.54	495.00	267.30
	Man Mulia	Each	0.64	345.00	179.20
	man mula	Each	0.04	345.00	-
	Add towards cost of Weather Seal Coat	1000	* 000	404.70	446.50
		Ltr	1.250	194.79	243.49
	b) Overhead charges @ 7.5% on (a)		7.5%	689.99	51.75
	c) Contractor's Profit @ 7.5% on (a)		7.5%	689.99	51.75
	Rate per 10 Sqm = a+b+c				793.49
	Rate per 1 Sqm = (a+b+c)/10	-			79.35
	VVIII - 57978		5007	4	79.35
7	Add towards Labour Cess @ 1%		1%	79.35	0.79
					80.14
	The state of the s			Say	80.10
	For First Floor Weather seal coat 2 coats				
- 3	Rate as above				80.14
	Add extra Labour		5%	44.65	2.23
	Overhead Charges on extra labour		7.5%	2.23	0.17
	Contractor's Profit		7.5%	2.23	0.17
	Add towards extra Labour Cess @ 1%		1%	2.57	0.03
1	the same as annothing source. Asked 🚭				

SI.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
				Say	82.70
32	Supplying, fitting & fixing of 10 mm thick & size of 600x600 mm Glazed Vitrified floor tiles (GVT) of matt finish(WOODEN FINISH/RUSTIC FINISH) with veilcraft (VC) shield(Scratch free/stain free) with water absorption limit between 0.08% to 3%				
	and conforming to IS: 15622:2006 (Group B lb), laid on 20 mm thick cement mortar (1:4) (1 cement: 4 course sand) and filling joints with white cement of approved quality including cost of all materials, labour T&P etc. required for the work all complete as per				
	direction of the Engineer-in-charge (for New Work only)				
	Unit = Sqm (S/R 2012- Other Building Item-1(B)				
	Taking output = 10Sqm				
	a) Materials		40.000	F74.0F	F740 F
	600x600 mm Vitrified Tiles	Sqm	10.000	571.65	5716.50
	Sand	Cum	0.210	66.23	13.91
	Cement	Qntl_	0.744	674.00	501.46
	Cement for slurry	Qntl.	0.330	674.00	222.42
	White Cement	Qntl.	0,076	2017.18	153.31
	b) Labour				0001,33
	Mason Special	Each	2.16	495.00	1069.20
	Man Mulia	Each	2.16	345.00	745.20
				200000	1814.40
	c) Overhead charges @ 7.5% on (a+b)		7.5%	8421.99	631.65
	d) Contractor's Profit @ 7.5% on (a+b)		7.5%	8421.99	631.65
	e) Carriage & Royalty				
	600x600 mm Vitrified Tiles	Sqm	10,000	11.24	112.35
	Sand	Cum	0.210	755.26	158.60
	Cement	Qntl.	0.744	30.73	22.86
	Cement for slurry	Qntl.	0.330	30.73	10.14
	White Cement	Qntl.	0.076	30.73	2,34
					306.30
	Rate per 10 Sqm = a+b+c+d+e				9991.58
	Rate per 1 Sqm =(a+b+c+d+e)/10				999.16
	Add towards Labour Cess @ 1%		1%	999.18	9.99
	7.0				1009.15
				Say	1009.15
4	For First Floor				20000000
	Rate as above				1009.15
	Add extra Labour		5%	181.44	9.07
	Overhead Charges on extra labour		7.5%	9.07	0.68
	Contractor's Profit		7.5%	9.07	0.68
	Add towards extra Labour Cess @ 1%		1%	10.43	0.10
					1019.69
22	Complete States & States of AS was think & nine of 200,200 mm			Say	1019.70
	Supplying, fitting & fixing of 10 mm thick & size of 300x300 mm Geramic floor tiles of matt finish laid on 20 mm thick cement mortar (1:4) (1 cement : 4 course sand) and filling joints with white cement of approved quality including cost of all materials, labour I'&P etc. required for the work all complete as per direction of the				
	Engineer-in-charge (for New Work only)				
	Taking output = 10Sqm				
	a) Materials				
		Sqm	10.000	314.96	3149.60
	3UUX3UU mm Ceramic Tiles		100 100 100 100		
	300x300 mm Ceramic Tiles Sand	Cum	0.210	66.23	13.91

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Cement for slurry	Onti.	0.330	674.00	222.42
	White Cement	Qntl.	0.076	2017.18	153.31
					4037.99
b)					
	Mason Special	Each	2.16	495.00	1069.20
	Man Mulia	Each	2.16	345.00	745.20
0.94			-		1814,40
c)			7.5%	5852.39	438.93
d)			7.5%	5852.39	438.93
e)	Carriage & Royalty 600x600 mm Vitrified Tiles	Sqm	10.000	11.24	112.35
		Cum	0.210	755.26	158.60
	Sand Cement	Qntl.	0.744	30.73	22.86
	Cement for slurry	Qntl.	0.330	30.73	10.14
	White Cement	Qnti.	0.076	30.73	2.34
	White Cement	Gint.	0.070	30.73	306.30
R	ate per 10 Sqm = a+b+c+d+e				7036.55
	ate per 1 Sqm =(a+b+c+d+e)/10				703.65
	dd towards Labour Cess @ 1%		1%	703.65	7.04
	a consist cases only & 17			, , ,	710.69
				Say	710.69
(A) Fo	or First Floor			0.0000	0.000.000
A China	ate as above				710.69
Ac	id extra Labour		5%	181.44	9.07
	verhead Charges on extra labour		7.5%	9.07	0.68
	ontractor's Profit		7.5%	9.07	0.68
Ac	dd towards extra Labour Cess @ 1%		1%	10.43	0.10
					721.23
				Say	721.20
pr 6.3 st cc sh lai	upplying, fitting & fixing of Germ free Ceramic wall tiles of remium grade of size 600x300mm having thickness 6.5mm to 7mm confirming to IS 13753 in dadoes, skirting and risers of eps laid on 12 mm thick cement mortar (1:3) (1 cement : 3 purse sand) jointed with slurry mixed with pigment to match the lades of the tiles etc. complete including cost of all materials, bour T&P etc. required for the work all complete as per direction the Engineer-in-charge				
	nit = Sqm (A/R 2006-Page No-90 item-17)				
	king output = 10Sqm				
a)			*** ****	044.14	grant and
	Germ free Ceramic wall tiles	Sqm Cum	10.000	277.17 66.23	2771.70
	Sand		0.715	674.00	481.91
	Cement	Ontl.	0.660	674.00	444.84
	Cement for slurry	Same	0.000	074.00	3708.38
b)	Labour	100			100,000
170	Mason Special	Each	3.25	495.00	1608.75
	Man Mulia	Each	3.25	345.00	1121.25
	Semiskileed Mulia for rubbing	Each	7.60	320.00	0.00
	The rest of the second			250000000	2730.00
c)	Overhead charges @ 7.5% on (a+b)		7.5%	6438.38	482.88
d)			7.5%	6438.38	482.88
224	Carriage & Royalty				
e)		0.070 (2.000)	10.000	11.24	112.35
e)	Germ free Ceramic wall tiles	Sqm	10.000		
e)	Germ free Ceramic wall tiles Sand	Cum Qntl	0.150 0.715	755.26 30.73	113.29

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Cement for slurry	Ontl.	0.660	16.17	10.67
	55				258.29
	Rate per 10 Sqm = a+b+c+d+e				7862.43
	Rate per 1 Sqm =(a+b+c+d+e)/10		1727	700.01	766.24
ρ	Add towards Labour Cess @ 1%		1%	766.24	7.66
				Say	773.91 773.90
(A) F	For First Germ free Ceramic wall tiles			50,	
F	Rate as above				773.91
A	Add extra Labour		5%	273.00	13.65
0	Overhead Charges on extra labour		7,5%	13.65	1.02
0	Contractor's Profit		7.5%	13.65	1.02
A	Add towards extra Labour Cess @ 1%		1%	15.70	0.16
					789.76
				Say	789.80
а	Supplying, fitting & fixing of Vertified tiles in dadoes, skirting and risers of steps laid on 12 mm thick cement mortar (1:3) (1				
п	ement : 3 course sand) jointed with slurry mixed with pigment to natch the shades of the tiles etc. complete including cost of all				
	naterials, labour T&P etc. required for the work all complete as per lirection of the Engineer-in-charge				
U	Init = Sqm (A/R 2006-Page No-90 item-17)				
T	aking output = 10Sqm				
а) Materials				
	Vertified wall tiles	Sqm	10.000	571.65	TO THE RESERVE THE PARTY OF THE
	Sand	Cum	0.150	66.23	9.93
	Cement	Qntl.	0.715	674.00	481.91
	Cement for slurry	Qntl.	0.660	674.00	444.84
1	1 Jahren				6653,18
b	*ingliking palawing and	Each	3.25	495.00	1608.75
	Mason Special Man Mulia	Each	3.25	345.00	1121.25
		Each	7.60	320.00	0.00
	Semiskileed Mulia for rubbing	Coon	7.00	320.00	2730.00
C	Overhead charges @ 7.5% on (a+b)		7.5%	9383.18	703.74
d	\$c - 4 T \$4.745 T \$65 T		7.5%	9383.18	703.74
ė	8 - COMPANION SON SON SON SON SON SON SON SON SON S				
	Germ free Ceramic wall tiles	Sqm	10.000	11.24	112.35
	Sand	Cum	0.150	755.26	113.29
	Cement	Qntl.	0.715	30.73	21.97
	Cement for slurry	Qnti	0.660	30.73	20.28
	CARRIED CONTROL OF CON			12.05.123	267.90
R	Rate per 10 Sqm = a+b+c+d+e				11058.56
	Rate per 1 Sqm =(a+b+c+d+e)/10				1105.86
	dd towards Labour Cess @ 1%		1%	1105.86	11.06
		-			1116.91
. mareal				Say	1116.90
4 C 4 UV	or First virtified wall tiles				1110.01
	tate as above		200	070.00	1116.91
	dd extra Labour		5%	273.00	13.65
	Overhead Charges on extra labour		7.5%	13.65	1.02
	Contractor's Profit		7.5%	13.65	1.02
A	dd towards extra Labour Cess @ 1%		1%	15.70	0.16
				W-075	1132.77
				Say	1132.80

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Supplying, fitting & fixing of Granite Tiles of minimum 20mm thick				
	and above 0.40 sqm of approved make in floors laid on 20 mm thick				
	cement mortar (1:4) (1 cement : 4 course sand) and filling joints with				
	white cement of approved quality including cost of all materials, labour				
	T&P etc. required for the work all complete as per direction of the				
	Engineer-in-charge (for New Work only)				
- 7	Taking output = 10Sqm				
8	a) Materials				
	Granite Tiles	Sqm	10.000	2098.83	20988.3
	Sand	Cum	0.210	66.23	13.9
	Cement	Ontl.	0.744	674.00	501.4
	Cement for slurry	Onti.	0.330	674.00	222.4
	White Cement	Onti.	0.076	2017.18	153.3
- 2	W 19.1			7779 574200	21879.3
b	h) Labour Mason Special	Each	2.16	495.00	1069.2
	Man Mulia	Each	2.16	345.00	745.2
	regel mulip	Eduli	2,10	340.00	1814.4
	Ourstand shares 9.75% on (sub)		7 50	22002 70	
	Overhead charges @ 7.5% on (a+b)		7.5%	23693.79	1777.0
	i) Contractor's Profit @ 7.5% on (a+b)		7.5%	23693.79	1777.00
•	Carriage & Royalty	0.00	40.000		440.0
	Granite Tiles	Sqm	10.000	11.24	112.3
	Sand	Cum	0.210	755.26	158.6
	Cement	Qntl.	0.744	30.73	22.8
	Cement for slurry	Qntl.	0,330	30.73	10.1
	White Cement	Qntl.	0.076	30.73	306.3
F	Rate per 10 Sqm = a+b+c+d+e				27554.15
	Rate per 1 Sqm =(a+b+c+d+e)/10				2755.42
	Add towards Labour Cess @ 1%		1%	2755.42	27.58
10.3	and defined about the Control				2782.97
				Say	2782.97
A) F	For First Floor				
F	Rate as above				2782.97
A	Add extra Labour		5%	181.44	9.0
C	Overhead Charges on extra labour		7.5%	9.07	0.68
C	Contractor's Profit		7.5%	9.07	0.68
A	Add towards extra Labour Cess @ 1%		1%	10.43	0.10
					2793.51
				Say	2793.50
9 S	Supplying, fitting & fixing of Granite Tiles of minimum 20mm thick			25000	
	and above 0.40 sqm of approved make in floors laid on 20 mm				
	hick cement mortar (1:4) (1 cement : 4 course sand) and				
	illing joints with slurry including cost of all materials, labour T&P				
	tc. required for the work all complete incl. rubbing as per				
	lirection of the Engineer-in-charge	190			
	Jnit = Sqm(S/R 2012- Other Building item-1(B)				
	aking output = 10Sqm				
8	Materials	Com	10.000	4845.07	ADADO N
	Granite tiles	Sqm	10.000	1645.67	16456.70
	Sand	Cum	0.210	66.23	13.9
			0.744	674.00	501.46
	Cement	Qnti.	0.744		
	Cement for slurry	Qntl.	0.330	674.00	222 42
					222 42 51 22 17245.71

Vo.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
7	Mason Special	Each	2.16	495.00	1069.20
	Semi Skilled Mulia for rubbing	Each	5.50	385.00	2117.50
	Man Mulia	Each	2.16	345.00	745.20
				9000000	3931.90
c)	Overhead charges @ 7.5% on (a+b)		7.5%	21177.61	1588.33
d)	TO		7.5%	21177.61	1588.33
e)	4 C				
,	Chequered tiles	Sgm	10.000	11.24	112.35
	Sand	Cum	0.210	755.26	158.60
	Cement	Qntl.	0.744	30.73	22.8
	Cement for slurry	Qntl.	0.330	30.73	10.1
	Cement for grouting	Qntl	0.076	30.73	2.3
	General tel growing	-	4.0.0	2000	306.30
D	ate per 10 Sqm = a+b+c+d+e				24660.55
	FO - 18, FO FO - 10, FO				2466.0
	ate per 1 Sqm =(a+b+c+d+e)/10		400	2466.05	24.68
PA	dd towards Labour Cess @ 1%		1%	2400.05	
					2490.72
				Say	2490.77
0.00	or First Floor				2100 70
	ate as above		8223	72223733	2490.72
	dd extra Labour		5%	393.19	19.66
	verhead Charges on extra labour		7.5%	19.66	1.47
C	ontractor's Profit		7.5%	19.66	1.47
A	dd towards extra Labour Cess @ 1%		1%	22.61	0.23
					2513.55
				Say	2513.50
2000	Ground Floor				
	nit = Sqm (A/R 2006-Page No-47 item-17) aking output = 1 Sqm) Materials				
Ta	aking output = 1 Sqm	Cum	0.0169	813.91	13.76
Ta	aking output = 1 Sqm) Materials	Cum Cum	0.0169 0.0169	813.91 66.23	
Ta	aking output = 1 Sqm) Materials 4.7 mm size hard granite C.B chips				1.12
Ta	aking output = 1 Sqm) Materials 4.7 mm size hard granite C.B chips Sand	Cum	0.0169	66.23	1.12 B1.42
Ta	aking output = 1 Sqm) Materials 4.7 mm size hard granite C.B chips Sand Cement	Cum	0.0169	66.23	1.12 B1.42
Ta a)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour	Cum	0.0169	66.23	1.12 81.42 96.29
Ta a)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special	Cum Qntl.	0.0169 0.1208	66.23 674.00	1.12 81.42 96.29 49.50
Ta a)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour	Cum Qntl. Each	0.0169 0.1208 0.10	66.23 674.00 495.00	1.12 81.42 96.29 49.50 124.20
Ta a) b)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia	Cum Qntl. Each	0.0169 0.1208 0.10 0.36	66.23 674.00 495.00	1.12 81.42 96.29 49.50 124.20
t; a) b)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b)	Cum Qntl. Each	0.0169 0.1208 0.10 0.36 7.5%	66.23 674.00 495.00 345.00 269.99	1.12 81.42 96.29 49.50 124.20 173.70 20.29
(a) (b) (c) (d)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b)	Cum Qntl. Each	0.0169 0.1208 0.10 0.36	66.23 674.00 496.00 345.00	1.12 81.42 96.29 49.50 124.20 173.70 20.29
t; a) b)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty	Cum Qntl. Each Each	0.0169 0.1208 0.10 0.36 7.5% 7.5%	66.23 674.00 496.00 345.00 269.99 269.99	1.12 81.42 96.29 49.50 124.20 173.70 20.29
(a) b) c)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips	Cum Qntl. Each Each	0.0169 0.1208 0.10 0.36 7.5% 7.5%	66.23 674.00 495.00 345.00 269.99 269.99	1.12 81.42 96.29 49.50 124.20 173.70 20.29 20.29
(a) (b) (c) (d)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26	1.12 81.42 96.29 49.50 124.20 173.70 20.29 13.70 12.76
(a) (b) (c) (d)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement	Cum Qntl. Each Each	0.0169 0.1208 0.10 0.36 7.5% 7.5%	66.23 674.00 495.00 345.00 269.99 269.99	1.12 81.42 96.29 49.50 124.20 173.70 20.29 13.70 12.76 3.71
b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26	1.12 81.42 96.29 49.50 124.20 173.70 20.29 20.29 13.70 12.76 3.71
b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement ate per 1 Sqm = a+b+c+d+e	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169 0.1208	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26 30.73	1.12 81.42 96.29 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 30.17 340.67
b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26	1.12 81.42 96.25 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 30.17 340.67
to a) b) b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement ate per 1 Sqm = a+b+c+d+e	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169 0.1208	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26 30.73	1.12 81.42 96.25 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 30.17 340.67 3.41
b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement ate per 1 Sqm = a+b+c+d+e dd towards Labour Cess @ 1%	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169 0.1208	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26 30.73	1.12 81.42 96.29 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 30.17 340.67 3.41
b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement ate per 1 Sqm = a+b+c+d+e dd towards Labour Cess @ 1% or First Floor 2.5 cm thick grading concrete (1:2:2)	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169 0.1208	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26 30.73	1.12 81.42 96.25 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 30.17 340.67 3.41 344.07
b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement ate per 1 Sqm = a+b+c+d+e dd towards Labour Cess @ 1% or First Floor 2.5 cm thick grading concrete (1:2:2) ate as above	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169 0.1208	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26 30.73	1.12 81.42 96.29 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 30.17 340.67 3.41 344.07
b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement ate per 1 Sqm = a+b+c+d+e dd towards Labour Cess @ 1% or First Floor 2.5 cm thick grading concrete (1:2:2) ate as above dd extra Labour	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169 0.1208	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26 30.73 340.67 Say	1.12 81.42 96.29 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 30.17 340.67 3.41 344.07 344.07
b) c) d) e) R: A(A) R: A(O)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement ate per 1 Sqm = a+b+c+d+e dd towards Labour Cess @ 1% or First Floor 2.5 cm thick grading concrete (1:2:2) ate as above	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169 0.1208	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26 30.73	13.76 1.12 81.42 96.29 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 340.67 3.41 344.07 26.06 1.95

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
1	Add towards extra Labour Cess @ 1%		1%	29.96	0.30
				Say	374.34 374.30
14 [Dressed seasoned sal wood work framed and fixed (wrought and put			ouy	514.00
	up) in frames of doors, windows & ventilabours				
1	Unit = Cum (A/R 2006-Page No-132 item-2)				
	Taking output = 0.028 Cum				
ě	n) Materials			****	2222772
	Sal wood scanting sawn	Cum	0.028	58374.79	1634.49 1634.49
t	b) Labour				1034,43
	Carpenter Special	Each	0.50	495.00	247.50
	Man Mulia	Each	0.50	345.00	172.50
	a major transfer de la companie de l				420.00
	Overhead charges @ 7.5% on (a+b)		7.5%	2054.49	154.09
	d) Contractor's Profit @ 7.5% on (a+b) c) Carriage of wood @ 169.00/1.25 cum	Com	7.5%	2054.49	154.09
	Carriage of wood @ 169.0011.25 com	Cum	0.028	198.30	5.55 5.55
F	Rate per 0.028 Cum = a+b+c+d+e				2368.22
	Rate per 1 Cum =(a+b+c+d+e)/0.028				84579.30
1	Add towards Labour Cess @ 1%		1%	84579.30	845.79
					85425.10
				Say	85425.10
	2mm piasal wood or local Teak wood panelled shutters moulded panels with all labour, iron fittings, and wooden hinged cleats etc				
	itted and fixed complete in all respect				
	Jnit = Sqm (A/R 2006-Page No-132 item-3)				
	aking output = 1.88 Sqm				
а	n) Materials				
	Piasal wood planks for shutters	Cum	0.06656	48822.41	3249.62
	Wooden hinged cleats	Each	2.00	12.50	25.00
h) Labour				3274.62
	Making Shutters				
	Carpenter Special =2 nos. x Rs. 430.00 =Rs.860.00				
	Helper to Carpenter= 2 nos. x Rs.320.00=Rs.640.00				
	Rs. 1,500.00				
		Sqm	1.88	Rs. 1,560.00	2820.00
	Fixing Shutters	Cook	4.00	105.00	10F 00
	Carpenter 2nd Class Man Mulia	Each Each	1.00	435.00 345.00	435.00 345.00
	West Holes	Lagir	1.00	545.00	780.00
C	Overhead charges @ 7.5% on (a+b)		7.5%	6874.62	515.60
d			7.5%	6874.62	515.60
e	Carriage of wood @ 147.00/1.25 cum	Cum	0.06656	198.30	13.20
102					13.20
	tate per 1.88 Sqm = a+b+c+d+e				7919.01
e	late per 1 Sqm =(a+b+c+d+e)/1.88) Fitting & Fixing of Iron Materials				4212.24
·	Butt Hinzes 75mm	Each	6	6.30	37.80
	Handle 125mm	Each	6 2	22.05	44.09
	Tower Bolt 250mm	Each	2	47.24	94.49
	Aldrop 250mm	Each	2	173.23	346.46
	Screw 12mm x4mm for Hinges 8 Nos.	Each	48	0.26	12.47
	Screw 12mm x 4mm for Tower Bolts 2 Nos.	Each	20	0.26	5.20
	Screw 50mm x 8mm for Aldrop 2 Nos.	Each	32	0.65	20.66

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Rate per 1.88 Sqm				561.17 298.49
03	Rate per 1 Sqm Total Rate per 1 Sqm	4212.24	+	298 49	4510.73
	Add towards Labour Cess @ 1%		1%	4510.73	45.11
	AT THE PROPERTY OF THE PROPERT				4555.84
				Say	4555.80

Technical Consultant
BE in Civil Engg.
Dist. Project Co-ordinator
Samagra Sikhya Ganjam
Sanakhemundi Block

Asst. Conservator of Forest Vc. Berhampur Range

State Black Class Clas	pictibles Unit Sham Load 1815 Next Pl-301Km Km Long Pl-301Km Ram Ra	Mandad Colom 1	2		-	Nov-1015	0					Safe pe			
Column C	Majerianis Maj	Madel Colin 1 4 40 2010 10 192 10 10 192 10 10 10 192 10 10 10 192 10 10 10 10 192 10 10 10 10 10 10 10 10 10 10 10 10 10				THE PROPERTY OF									
Column C	Majeriarie Maj	Marie Comm					- A 100 M								
Column C	Mathridation Math	Madel Culin 1 79 400 27870 100 1322 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4.		70		per Fie		Kg/m	21.010					
British Column	Majerio de free Majerio de	Marie Culin 74 4/0 278(0) 10 132 0 0 10 178(0) 0 0 178(0) 10 12 12 0 0 12 12 0 0 12 12		-			West		Works	Diameter					
Column C	Mathrie of the Mathrie	Made Culm Fe Will Coll Co		Settlemout		0	COS ABVORA	ALVE THESE							
Color Colo	Mainte of the Maint Main	Marial Culm 7	ī.												
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Color Colo	Marine of the Main Local Maje	Madia				t	+	t	202.00		20010	ARBU	.405.00	HIGH SALES HOUR	
Color Colo	Marine of the Marine of the Marine of the Marine Marine of the Marine Marine of the Marine Ma	Marie Cam				İ	ŀ	1	495.00	digit	Blacks	ARD	435 00	Mason 2nd	
British Column	Malemost	Mathematical Column Colu						1	385.00		норе	/day	485.00	Mason ist	ľ
Briefs B	Malerio Ribe Unit Man Load Mari Krat	Cum				İ	t	t	495.00	dissear	Stone	day	385.00	Semissified Mulia	
Britishs	Mainte of the Mainte of th	Material Clarm 74 Little 100 132 Little L					H		495.00	(181)	Painte	/day	365.00	Stone Packer	ľ
Brieffe Brie	Manne of the Unit Man Load Life Next up to 90 Km Physical 91 Coal Coal Reyard 90 Coal Reyard 90 Coal	Claim Fe Cla							435.00	Did.	Carp	/day	345.00	Wanan mula	
British Brit	Name of the Und Am Lead Int New Up to \$1 km Cayla Int Cayla Reynol 30 Int Cayla Reynol 30 Int Cayla Reynol 40 Int Cayla Int	Claim F Alia Children F Alia Children Claim F Alia Children Children Alia Children Children Children Children Children Children Children Children Ch								32	Garp	(day	345.00	Manmuta	
British Brit	Name of the Unit Wam Lead 1st 5 New lep to 50 km Physical 50 Tickal Cost as Reyardy Golf Firm Earl Orthon Firm Cost as Reyardy Golf Firm Earl Orthon Cost as Reyardy Orthon Cost Orthon Cost as Reyardy Orthon Cost Orthon Orthon Cost Orthon Ortho	Clarr	The second secon	-0000000	The second		-		THIN	UR STATI	LABO			and the second s	
British Brit	Name of the Unit Nam Lead 13.5 Not up to SURm. Physical State Coat as Reyardy Coat print, Early Coat as Reyardy Coat	Clarm 77 40 278(01 10 132 0 0 408(01 68,22 35,00 3.50 1.75 307,00 476,87 681,12 Metala Clarm 5 278(01 20 274,41 0 0 480,01 68,22 330,00 4.50 4.70 474,47 681,12 Metala Clarm 5 278(01 20 274,41 0 0 480,01 68,22 330,00 4.50 6.00 4.70 474,47 682,70 Metala Clarm 5 278(01 20 274,41 0 0 480,01 1382,22 1380,00 4.50 6.00 177,10 1925,24 1925,70 Metala Clarm 5 278(01 20 274,41 0 0 540,01 1382,22 1380,00 4.50 6.00 177,10 1925,24 1925,70 Metala Clarm 5 278(01 20 274,41 0 0 540,01 1382,22 1380,00 4.50 6.00 177,10 1925,24 1925,70 Metala Clarm 5 278(01 20 274,41 0 0 540,01 1382,22 1380,00 4.50 6.00 177,10 1947,74 279,82 Metala Clarm 5 278(01 20 274,41 0 0 274,42 0 0 440,27 1380,20 4.50 4.50 4.50 4.50 2.21 2.21 Metala Clarm 1000 Nes 5 278(01 20 274,42 0 0 274,42 0 0 440,27 1380,20 4.50 4.50 4.50 4.50 2.21 2.21 Metala Clarm 1000 Nes 5 278(01 20 274,42 0 0 274,42 0 0 440,27 1380,20 4.50 4.50 4.50 4.50 2.21 2.2	13:00 4:90 121:00 1214-88 3525.38		536.41	0	0	260.4	3	276 01	25		Cum	Catality of the	29
Britishs Claim British Claim Claim	Marrie of the Unit Warm Lead Lef5 New up to \$0 Km. Fly and \$1 Copit Gorphy Clam	13:00 8:90 521,00 849,80 929,30	Н	536.41	0	0	260.4		276.01	25		Cum	Date 2.3 Serven Section Bit 52.5%	28	
Bid High Sign	Mainte of the Unit Nam Lead Let Next up to \$0 km. Reyard \$7 Tidal Coat as Reyard Official Reyard Amin Tidal Reyard Amin Ti	Heat Cum F	20,020; 20,050; 00,121 00.00		538.41	0	0	200.4		276.01	25		Cum	4. Trem hid. Nevert @12.5%	227
Additional Add	Name of the Unit Nam Load 14.5 Next up to 50 km. Psychol Sol, km. Psychol Cool 86 Royalty Over Polisi Total Total Total Color 86 Royalty Polisi Total	Gasand Cum Y Lint 10 122 0 122 0 123 0 124 0 124 0 124 0 124 0 124 0 448 87 860 35 00 35 00 35 00 478 87 81 82 82 85 00 478 87 82 82 82 85 00 478 87 82 82 82 85 00 478 87 82 82 82 85 00 478 87 82 82 82 85 00 478 87 82 82 82 85 00 478 87 82 82 82 85 00 478 82 82 82 85 00 85 00 85 278 81 82 82 85 00 85 278 81 82 82 85 00 85 278 81 82 82	1200 630 121.00 1416.41 1686.91		538.41	0	n	260.4		276.01	25		Cum	5 Seen to 4 Trans (0.55%)	26
Cum Cum Comp Co	Name of the Name of the Name Lead 34.5 Next up to 50 Km. Beyond 50 Total Cost as Royalty Offer First General Charles Cost as Royalty Offer First	Cum 40 278 (21) 100 132 0 400 278 (21) 10 132 0 400 et al. 25.500 3.50 (30) 470 (30) 470 (40) 818 (12) Cum 5 278 (21) 20 204 0 400 et al. 395 (30) 350 (30) 474 (34) 872 49 Cum 5 278 (21) 20 294 0 540 et al. 199,235 130,000 400 447 A2 872 49 Cum 5 278 (21) 20 294 0 540 et al. 199,235 130,000 400 497 (20) 192,300 2927 13 Cum 5 278 (21) 20 294 0 540 et al. 199,623 130,000 400 492,300 2927 13 132 cm 5 278 (21) 20 294 35 0 0 445,438 130,000 400 127,100 192,300 292,432 120,000 493,422 120,000 493,422 120,433 120,000 </td <td>755.00</td> <td>155.06</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>er.</td> <td>Local</td> <td>æ</td> <td>Wood Primar</td> <td>225</td>	755.00	155.06							er.	Local	æ	Wood Primar	225
Color Colo	Name of the Unit Nam Load Ist Next up to 50 km Km Km Km Km Km Cost as Royarty Ower two Eer (in) Cost as Royarty Ower two Cost as Royarty Royarty Ower two Cost as Royarty Ower two Royarty Ower two Royarty	Cum 40 278 811 101 132 0 400 278 81 100 132 0 400 818 12 2500 3.50 1.70 307 (50 470 49 818 12 Cum 5 278 81 10 132 0 400 81 602.33 35.00 3.50 1.70 207 40 204.49 204.69 202.78 35.00 3.50 1.70 207.00 470.24 202.49 202.49 202.77 200.00 1.20 1.20 204 20.00 3.50 1.50 1.70 202.20 202.77 200.00 1.20 2.70 278.4 0 0 540.00 1.305.00 1.30 0.30 1.71 1.70 1.72 2.70 279.4 20 0 540.00 1.30 0.30 1.20 2.70 2.70 2.70 2.70 2.70 2.70 2.70 2.70 2.70 2.70 2.70 2.70 2.70 2.70 2.70 2.70 2.70 2.70 <	26934	248.34							5	Local	18	Plastic Emulsion Plant	24
Cum Cum Cours	Name of the Unit Nam Lead 1st 5 Next up to 50 Nm. / Beyond 50 Total Cost 86 Royalty Ower Interior Ever to 1 Name Ever to	Clam	194.79	194 //9							5	Local	æ	Weather Cost	23
Cum Cum Count Km Km Km Km Km Km Km K	Name of the Unit Nam Lead 1st 5 Next up to 50 km. / Beyond 50 Total Cost 86 Royalty Opt Filting Ener Dis. Add Total Total Cost 86 Royalty Opt Filting Ener Dis. Add Total Total Total Print Ener Dis. Add Total Total Print Ener Dis. Add Total Print Ener Dis. Add Total Total Print Ener Dis. Add Total Print Ener Dis. Add Total Total Ener Dis. Add Ener	Cum 7 Unit 1132 0 1140 1140 1140 1141 1140 1140 1141 1140 1141 1141 1140 1141 </td <td>750.03</td> <td>159 (0)</td> <td>-</td> <td>3</td> <td></td> <td>0.000</td> <td></td> <td></td> <td>9</td> <td>Local</td> <td>7</td> <td>Wall Primer</td> <td>22</td>	750.03	159 (0)	-	3		0.000			9	Local	7	Wall Primer	22
Cum Cum Add Critical Parameter Cum Cum Cum Add Critical Critical Cum Add Critical Critical Cum Add Critical Crit	Name of the Unit Nam Lead Jat 5 Next up to 50 km, / Em Carring Per SNR Feyned Carring Per SNR	Clum 40 ZPB (01) 132 0 1 mm Letting (200) 3.50 1.75 307 (00) 470 424 818 12 Clum 40 278 01 10 132 0 408 01 68.23 35.00 3.50 1.75 307 (00) 474 24 821 40 Clum 5 278 01 20 284 0 0 540 01 1396 23 35.00 1350 127 (00) 474 24 821 40 Clum 5 276 01 20 284 0 0 540 01 1396 27 130 00 1300 1301 127 (00) 472 20 298 28 Clum 5 276 01 20 284 0 0 540 01 1407 77 130 00 1300 1300 127 (00) 1947 78 221 820 Clum 1000 Ness 5 276 01 20 284 0 0 540 01 1407 77 130 00 1300 127 (00) 192 02 221 820	415.44	405.20	1124	0	0	104	15.	0.0	6	Local	Sam	Coloreic wall like d ² nomium)	152
Bold Fr	Name of the Unit Nam Lead lat 5 New up to 50 km. / Beyvind 50 Total Cost as Royalty Over this Early Asia Total Total Rich	Cum 40 278 d11 10 112 0 408 d11 65 d8 35 d8 173 307 d0 470 yrm Cum 40 278 d11 10 112 0 408 d11 602 3 35 d9 173 307 d0 474 24 671 40 Cum 5 278 d11 20 284 0 0 540 d1 138 22 130 00 113 307 d0 474 24 671 40 Cum 5 278 d11 20 284 0 0 540 d1 138 22 130 00 1140 121 00 1255 20 278 40 Cum 5 278 d11 20 284 0 0 540 d1 1407 77 130 00 1100 1947 78 278 70 279 40 42 c11 cm x 80m1 1000 Ness 5 527 61 20 284 50 0 948 61 1407 77 130 00 1100 800 121 00 194 78 221 20 194 47 c12 Cm x 80m1 1000 Ness<	707.00	92,929	1124	0 0	0 1	101	UN I	200	(3)	000	Sam	Witfied tile (Colour)	20
Bold in Km, Km, Km, Km, Km, Carring per S/R Deem per power Champs Deem per power Deem per power Champs Deem per power Deem p	Mathem of the Unit Mam Lead 1st 5 Next up to 50 Km. Beyond 50 Total Cost as Royalty Over renk Effer in own Over the continue of the Cost as Royalty Over renk Effer in own Over the continue of the Cost as Royalty Over renk Effer in own Over the continue own Over the continue own Over the continue own Over the continue own Over the cost as Cost as Royalty Over the continue own Over the cost as Cost as Royalty Over the cost as Cost as Royalty Over the cost as Cost as Royalty Over the cost as Cost a	Cum 40 278 dri 100 132 0 408 01 5278 dri 100 132 0 408 01 5208 3500 355 173 397 (so 478 24 818 12 Cum 40 278 dri 10 112 0 408 dri 68 23 35 00 350 173 397 (so 474 24 821 40 Cum 5 278 dri 20 294 0 0 540 01 1982 29 130,00 400 840 127,00 125,50 1995 70 278 4 0 0 540 01 1982 29 130,00 400 840 127,00 122,00 129,20 2297 13 Cum 5 278 dri 20 294 0 0 540 01 1407 77 130,00 430 427,00 1947 78 2216 20 2297 13 41 cm x 8cm 1000 Nas 5 278 01 20 294 0 540 01 1407 77 130,00 430 427,00	200 230	26,036	1124	200	0 0	100		000	,	COM	Same	Changend Tay	19
Bot Fin Km Km Km Km Km Km Km K	Marrie of the Unit Nam Lead 3±5 Next up to 50 Km. Beyond 50 Total Cost as Royatty (Feet Set Set	Cum	400.00	200 000	10.00	0.0	2 0	100		9 0	7	- Consti	Out	Industrial Visiting the Physics of the section	40
Botal Francisco Property	Name of the Unit Nam Lead 1st 5 Next up to 50 Km. Beyond 50 Total Cost as Royalty OPF FINE EMF-19h Addit Total Maleinals Maleinals Maleinals Early OPF FINE Maleinals Total Maleinals Early OPF FINE Maleinals Total Early Maleinals Early OPF FINE EMF-19h Addit Total Total Maleinals Early Early Early Early OPF FINE EMF-19h Addit Total Early E	Cum 40 276 01 102 0 408 07 10 1122 0 408 01 50.05 3500 3500 173 307 00 470 47 814 12 Cum 40 276 01 10 1122 0 408 01 68,23 35 00 350 173 307 00 470 48 821 40 Cum 5 276 01 20 294 0 5 40 01 198,25 130 00 130 121 00 152,50 100,578 Cum 5 276 01 20 294 0 0 540 01 138,229 130 00 130 121 00 152,50 100,578 Cum 5 276 01 20 294 0 0 540 01 138,229 130 00 130 121 00 152,50 297 13 Cum 5 276 01 20 294 0 540 01 133,91 130,00 130 121 00 152,00 152,40 152,40 152,40 152,40	20,000	500,000	10.00	0 0	2 0	100	n 0	5 5 5	7 0	Contract	Same	Kota ties from their jahran 0.10 semi)	170
Bod In Km Km Km Km Km Km Km K	Mainte of the Unit Nam Lead 1st 5 Next up to 50 Km. Beyond 50 Total Cost as Royalty ONF FINS ENF (Ph. See Ph. See Nov. Cost as Royalty ONF FINS ENF (Ph. See Ph. See Nov.	Cum 40 278 011 10 132 0 400 278 01 10 132 0 400 278 01 10 132 0 400 01 500 00 350 00 170 307 00 474 24 621 40 Cum 5 276 01 20 284 0 540 01 196 25 130 00 130 474 24 621 40 Cum 5 276 01 20 284 0 0 540 01 1362 29 130 00 130 630 121 00 122 30 2192 30 Cum 5 276 01 20 284 0 0 540 01 1382 29 130 00 1300 630 121 00 1923 29 130 20 Cum 5 276 01 20 284 0 0 540 01 1300 00 1300 130 00 127 00 1923 32 1924 12 Cum 5 276 01 20 284 5 0 0 540 01 131 39 130 00 130	D140 07 0440 07	0000000	200.00	200	000		T	00,00		2000	Contract of the Contract of th	County That Discounty press	40
Part France Part France Part France Part France Part	Name of the Unit Nam Lead 1st 5 Next up to 50 Km. Beyond 50 Total Cost as Reyalty ENF ENF ENF ENF Cost as Malerials ENF	Cum 40 278 off 100 132 0 400 278 off 10 132 0 400 off 500 off 500 off 500 off 500 off 60 off <td>25/35/35/35/35/35/35/35/35/35/35/35/35/35</td> <td>00.00</td> <td>26 100</td> <td>0 0</td> <td>9 0</td> <td>02.40</td> <td></td> <td>247 07</td> <td>n ()</td> <td>1,000</td> <td>2</td> <td>Paint Sal served according relation</td> <td>2 4</td>	25/35/35/35/35/35/35/35/35/35/35/35/35/35	00.00	26 100	0 0	9 0	02.40		247 07	n ()	1,000	2	Paint Sal served according relation	2 4
Color Form Color	Name of the Unit Nam Lead 1st 5 Next up to 50 Km. Psychid 50 Total Cost as Royalty ONF 10% EMF 10% Anit Total Mellenials Mellenials Em Unit Nam Em Em Em Em Em Em Em	Cum 40 276 01 100 1132 0 408 278 671 3500 3500 175 207 00 470 871 818 12 Cum 40 278 671 10 132 0 408 611 65 23 3500 350 175 207 00 474 24 621 40 Cum 5 278 611 20 284 0 0 540 61 198 23 130.00 130 857 121 00 474 24 621 40 Cum 5 278 611 20 284 0 0 540 61 1382 29 130.00 1300 850 121 00 1525 28 1292 80 Cum 5 278 611 20 284 0 0 540 61 1396 82 130.00 1300 850 121 00 1926 53 2297 13 C1 cm x 8 Cm 1000 Ness 5 278 61 20 294 0 540 61 1407 77 130.00 1300 450 63 127.00 1906 53 <t< td=""><td>Management 10, 1937 27</td><td>78.18667</td><td>26,700</td><td></td><td></td><td>02.40</td><td></td><td>10.163</td><td>1 40</td><td>HOULE</td><td>100</td><td>700000</td><td>0.0</td></t<>	Management 10, 1937 27	78.18667	26,700			02.40		10.163	1 40	HOULE	100	700000	0.0
Cum Cum Cum Control Contro	Name of the Unit Nam Lead 1st 5 Next up to 50 Km. Peyvind 50 Total Cost as Royalty DWF 17th EWF 07th OWF 17th EWF 07th OWF 17th OWF 1	Cum 40 276 01 100 1132 0 408 01 55 09 3500 176 307 00 476 87 818 12 Cum 40 278 01 10 132 0 408 01 66.23 3500 350 176 307 00 474 24 621 40 Cum 5 278 01 20 284 0 5 40 01 198 23 130.00 150 151 00 1525 28 1006 76 Cum 5 278 01 20 284 0 0 540 01 1382 29 130.00 150 151 00 1525 28 192.00 Cum 5 278 01 20 284 0 0 540 01 130.00 1500 451 00 1906 53 2297 13 Cum 5 278 01 20 284 0 0 540 01 1407 77 130.00 1500 451 00 1906 53 2297 13 12 cm 5 278 01 10 236 64 0	2047 91 2047 91	2017.18	20.73	0	10	59.45	Т	247,07	n ún	1008	Ord	White Century	100
Cum Fig. Company C	Name of the Unit Nam Lead 1st 5 Next up to 50 km Rey and 50 Total Cost as Reyard Own	Cum 40 276 01 100 1132 0 408 01 55 09 3500 176 307 00 470.87 818.12 Cum 40 278.01 10 1132 0 408.01 66.23 35.00 35.0 176 307.00 470.87 818.12 Cum 5 278.01 20 284 0 40.01 98.23 130.00 130 827 130.00 120 827 130.00 130 827 130.00 130 827 130.00 130 827 130.00 130 827 130.00 130 827 130.00 130 827 130.00 130 827 130.00 130 827 130.00 130 827 130.00 130 827 130.00 130 827 130.00 130 827 130.00 130 827 130.00 130 827 130 130 130 130 130 130 130 130	704.73	574,00	20,73	0	0	59.45	Г	347.87	1,5	1,000	QM	Certeri	11
Cum 5 276.01 20 294 0 0 540.01 1382.25 130.00 130.00 127.00 1523.30 1282.30	Mainte of the Unit Nam Lead 1st 5 Next up to 50 km. Beyond 50 Total Cost as Royalty Diff Royalty Diff Total Total Mainte CBF Royalty Diff Royalty Diff Royalty Diff Royalty Royalt	Cum 40 278 01 100 1132 0 408 01 55 00 3500 176 307 00 474 24 818 12 Cum 40 278 01 10 1132 0 408 01 68,23 35,00 350 176 307 00 474,24 821 40 Cum 5 278 01 20 284 0 400 01 198 23 130.00 150 151 00 1525 28 1006,78 Cum 5 278 01 20 284 0 540 01 1382 28 130.00 150 151,00 1923 28 2192 30 Cum 5 278 01 20 284 0 540 01 130.00 1500 151,00 1906 53 2287 13 Cum 5 278 01 20 284 0 540 01 130.00 1500 151,00 1906 53 2287 13 Cum 5 278 01 20 284 0 540 01 130.00 1500 <	3.80 1.75 754.47 834.72	368.26	406.21	0	0	130.2		276.01	5		Cum	K.B. Brick Khoji brick	10
Both France Fra	Name of the Unit Nam Lead 1st 5 Next up to 50 Km Physical 50 Total Cost as Royalty OWF from ENF (9h Add Total Total Male fields Male fields e of in Km Km Km Km Km Km Amount Km Amount Km Amount Trucky e of	Cum 40 276 01 10 112 0 408 01 52.05 35.00 350 173 307 (50 470 87) 818 172 Cum 40 276 01 10 112 0 0 408 01 66.23 35.00 350 173 307 (50 470 87) 818 172 Cum 5 276 01 20 294 0 0 540 01 138 29 130 00 1360 650 121 (20 1525.26 1965.76 Cum 5 276 01 20 294 0 0 540 01 138 29 130 00 1300 650 121 (20 1525.26 1262.80 Cum 5 276 01 20 294 0 0 540 01 138 29 130 00 1300 650 121 (20 1525.26 1290.62 Cum 5 276 01 20 294 0 0 540 01 139 652 130 00 1300 1300 Cum 5 276 01 20 294 0 0 540 01 139 652 130 00 1300 1300 Cum 5 276 01 20 294 0 0 540 01 130 00 130 0 130 0 Cum 5 276 01 20 294 0 0 540 01 130 00 130 0 Cum 5 276 01 20 294 0 0 540 01 130 00 130 0 Cum 5 276 01 20 294 0 0 540 01 130 00 130 0 Cum 5 276 01 20 294 0 0 540 01 130 00 Cum 5 276 01 20 294 0 0 540 01 130 00 Cum 5 276 01 20 294 0 0 540 01 130 00 Cum 5 276 01 20 294 0 0 540 01 Cum 5 276 01 20 294 0 0 540 01 Cum 5 276 01 20 294 0 0 540 01 Cum 5 276 01 20 294 0 0 540 01 Cum 5 276 01 20 294 0 0 540 01 Cum 5 276 01 20 294 0 0 540 01 Cum 5 276 01 20 294 0 0 0 Cum 5 276 01 20 294 0 0 0 Cum 5 276 01 20 294 0 0 0 0 Cum 5 276 01 20 294 0 0 0 0 Cum 5 276 01 20 294 0 0 0 0 Cum 5 276 01 20 294 0 0 0 0 Cum 5 276 01 20 294 0 0 0 0 Cum 5 276 01 20 294 0 0 0 0 Cum 5 276 01 20 294 0 0 0 0 Cum 5 276 01 20 294 0 0 0 0 Cum 6 6 6 6 6 6 6 6 6	6301.29 6301.20	5142.55	STANSMAN	0	0	294.55		1 950	6	15	1000 N	Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm.	9
e of in Km Km Km Km / Km carriag per S/R hopethy to the company of	Name of the Unit Nam Lead 1st 5 Next up to 50 Km Beyond 50 Total Cost as Royalty OWF Interview EWF 10% Add Total Total	Cum 40 276 01 10 112 0 0 408 01 52.05 35.00 370 470 87 872 10 67.05 470 87 872 10 67.05 470 87 872 10 67.05 470 87 872 10 67.05 470 87 872 10 67.05 470 87 872 10 67.05 470 87 872 10 67.05 470 87 872 10 67.05 470 87 872 10 67.05 470 87 872 10 67 8	5481.80 5481.80	4554.88	926.92	0	0	236.64		691.28	ţn	*	1000 N	Fly Ash Brick (size 23 cm x 11 cm x 8cm)	DE.
By Cum 40 276.01 20 264 0 0 540.01 130.00 130.0 127.00 196.77 130.00 130.0 127.00 196.77 180.00 127.00 196.77 180.00 127.00 196.77 180.00 130.0	Name of the Unit Nam Lead 1st 5 Next up to 50 Km Beyond 50 Total Cost as Royalty DWF firth EWF UN Lead Total Total Malefillals e of In Km Km Km Km Km Km Km K	Cum 40 276 01 10 132 0 0 408 01 62.05 35.00 3.55 173 307.00 474.067 818.172 Cum 40 276 01 10 132 0 0 408 01 68.23 35.00 3.50 175 307.00 474.24 821.49 d Cum 5 276 01 20 264 0 0 540 01 1982.25 130.00 1305 121.00 122.29 1395.76 Cum 5 276 01 20 264 0 0 540 01 1982.29 130.00 1305 121.00 122.29 1295.76 Cum 5 276 01 20 264 0 0 540 01 1982.29 130.00 1305 121.00 122.20 1295.60 Cum 5 276 01 20 264 0 0 540 01 1982.29 130.00 1305 121.00 122.20 1295.60 Cum 5 276 01 20 264 0 0 540 01 1982.29 130.00 1305 121.00 122.20 1295.60 Cum 5 276 01 20 264 0 0 540 01 1982.29 130.00 1305 121.00 122.00 1	13-00 6:50 121:00 1353:92 1624:42	513 91	540.01	0	0	204		276.01	(F)		Cum	4.7mm size CBHG Chips	7
E of 17 Km Km Km Km Carriag per S/R Repairs Re	Name of the Unit Nam Lead 1st 5 Next up to 50 km Beyond 50 Total Cost as Royalty OWF from EWF 10% Addit Total Total	Cum 40 276.01 10 132 0 0 408.01 62.06 35.00 356 175 307.00 474.24 818.12 Cum 40 276.01 10 132 0 0 408.01 66.23 35.00 356 175 307.00 474.24 818.12 d Cum 5 276.01 20 264 0 0 540.01 1382.29 130.00 130 121.00 1235.26 1006.78 Cum 5 276.01 20 264 0 0 540.01 1382.29 130.00 130 121.00 1822.30 2192.80 Cum 5 276.01 20 264 0 0 540.01 1382.29 130.00 130 121.00 1822.30 2192.80 Cum 5 276.01 20 264 0 0 540.01 1382.29 130.00 150 121.00 1822.30 2192.80	13.00 6.00 121.00 1947.76 2216.28		540.01	0	0	264		276.01	(e		Cum	10mm sice CBHG chips	di
BS e of in Km Km Km Km Km carriag per S/R requesty to the following the	Name of the Unit Nam Lead 1st 5 Next up to 50 km Beyond 50 Total Cost as Royalty DMF Interior EMF UNIT Total Total Total	Cum 40 276.01 10 1132 0 0 408.01 55.00 350 173 307.00 474.24 873.49 Cum 40 276.01 10 1132 0 0 408.01 68.23 35.00 350 173 307.00 474.24 873.49 d Cum 5 276.01 20 264 0 0 540.01 1962.25 130.00 130 121.00 1235.26 1965.76 Cum 5 276.01 20 264 0 0 540.01 1962.25 130.00 130 121.00 122.20 1965.76	13.00 6.60 121.00 1406.60 2207.13		540.01	0	0	264		276.01	(m		Cum	12 mm sale CBG data	(n)
Mallerials Com	Name of the Unit Nam Lead 1st 5 Next up to 50 Km / Beyond 50 Total Cost as Royalty OWF think EWF 10% Addit Total Total	Cum 40 278 011 10 132 0 408 01 52,05 35,00 3.55 173 307 (50 476 87 818 17	13.00 0.00 123,00 1922,30 2192,80	9	540.01	e	0	264		276.01	(F)		Cum	20mm size CBHG chips	4
Mallerials E of In Km Km Km Km Carring per S/R Populary Popular Carring per S/R Populary Populary Carring Populary Pop	Name of the Name of	Sum 40 278.01 10 132 0 0 408.01 52.06 35.00 3.50 1.75 307.00 470.87 818.12 and Cum 40 278.01 10 132 0 0 408.01 66.23 35.00 3.50 1.75 307.00 474.24 821.40	13.000 0.00 121.00 1525.26 1005.76		540.01	. 0	0	264	U	270.01	i,h		Cum	40 mm size CBHQ. Metal	3
Matterials E of In Km Km Km Km Carring per S/R Power Power Charge C	Name of the Name of	Cum 40 278,01 10 132 0 0 408.01 62.06 35.00 3.50 1.73 307,00 470,67 818,12	330 175 30730 474.24 821.49		408.01	0	0	132	Į,	276.01	40		Cum	Clean & sharp sand	10
e of in Km. Km. Km. Km. Km. carring per S/R hopensy to the formal of the control	Name of the Unit Nam Lead 1st 5 Next up to 50 km. / Beyond 50 Total Cost as Royalty [09F print ENF DN Adit Total Total Name Name of the Name Annotation of the Name Name of the Name Name of the Name Name of the Name Name of the Name Name of the Name Name of the Name Name of the Name	Annales and Alegana turn	3.50 1.73 307.00 470.87 818.12		408.01	o	0	132		276.01	46	1	Cum	Sand for Filing	+
8 of in Km. Km. Km. Km. Km. carring per S/R Repeated Repair (Without	Name of the Unit Nam Lead 1st 5 Next up to 50 Km. / Beyond 50 Total Cost as Royalty OWF Intrig ENF ION Add. Total Total Mallerials e of in Km. Km. Km. Km. / Km. carriag per S/R Royalty OWF Intriguence Charge (Without Total Royalty)	ar Kan Amo Km Amount Km Amo e/					33	Ansoun	Km	unt tou	7.00	y coar			
many many transfer the terror of the contract	Name of the Unit Nam Lead 1st 5 Next up to 50 Km. / Beyond 50 Total Cost as Royalty ONF 1th (ENF IPN Ant. Total Total	e of in Km. Km. Km. Km. / Km. carring per S/R Royalty (topalty) (Without	OWITHOU		carring	/ Ksn.			Km.	Km.	3	9 9		Materials	0
Unit Nam Lead 1st S. Newton to SO Km / Bussend SO Total Cost as Bought/DMF (19th EMF (19th Add) Total Total		Unit Nam Lead 1st 5 Next up to 50 Km. / Beyond 50 Total Cost as Royalty OVE 11th ENF 10h Add Total Total Total	Addit Total Total		Total	(ind 50		ap to 50 Km	Next		Lead	Nam	Unit	Name of the	NIS
EATE ANALYSIS FOR FORESTER QUARTER (FLYING SQUARD), AT CING SHED BERHAMPUR AS PER SR-2014 on GST.	RATE ANALYSIS FOR FORESTER QUARTER (FLYING SQUARD), AT CNG SHED BERHAMPUR AS PER SR-3914 on GST.				HED BERL	VI CMC S	QUARD),	CELLYLING S	ARTER	STERO	REORE	ASIS FO	DE ANAL	EAR	

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Total
Average Bate
Bate excluding GST @ 25%
Deduct cost of empty cementing

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25250

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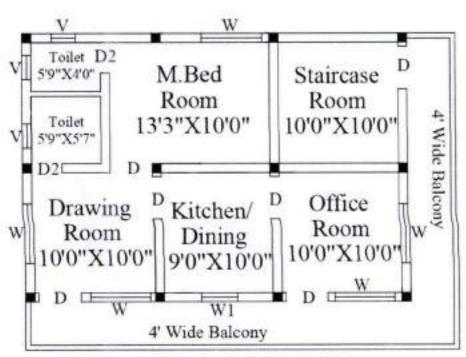
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Total Average Bate Security 18% GST

Consultant Consultant

Ton

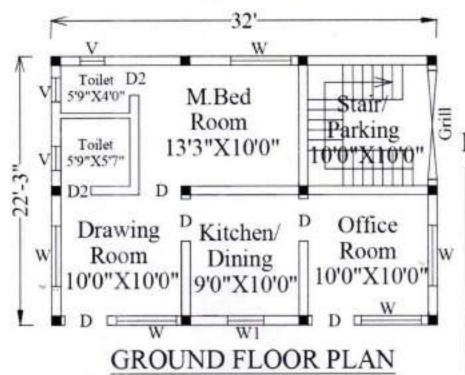
OFFICE CUM RESIDENTIAL BUILDING PLAN OF FOREST GUARD QUARTER





Technical Consultant
BE in Civil Engg.
Dist. Project Co-ordinator
Samagra Sikhya Ganjam
Sanakhemundi Block

FIRST FLOOR PLAN



Asst Conservator of Forest Vc. Berhampur Range

Plinth Area-712.00 Sft.

JOINERY

Grill = 9'0"X7'0" D = 3'6"X7'0" D2 = 2'6"X7'0" W =5'0"X4'0" W1 =3'0"X4'0" V = 2'0"X0'0"

				Sub Total:	115870.90
	Labour				
111	Carpentar 1st Class	day	28	448	12544.00
114	Beldar	day	23	298	6,854.00
	TOTAL	2.477.		Sub Total:	19,398.00
					1,35,268.90
	Add CP&OH @ 15%	-21 50/100			20290.34
9999	Carriage of material etc.	L.S.	89.35	2	178.70
	TOTAL				1,55,737.94
	Cost of 100 sqm				1,55,737.94
	Cost of 1 sqm				1557.38
	Add Cess-1%				15.57
	Cost of 1 sqm				1572,95
				Say:	1573.00

Rate Analysis for 12.5 mm thick Gypsum Board false ceiling for 100 SQM

id Employee	Rate Analysis for 12.5 mm thick Gypsum E	board raise	ceiling for a	LOO SQIVI	
DSR Code 2016	Details of cost for 100 sqm	UNIT	QTY	RATE	AMOUNT
60	Providing and fixing 12.5 mm thick Gypsum board false ceil	ing at all he	ights of		
	cost of 12.5mm thick Gypsum board	SQM	105	135.91	14270.55
8555	Main runner Silhoutte 38 15x38x3600MM	each	29.5	185	5457.50
8556	Cross tee Silhoutte 38 15x38x1200MM	each	147	78	11466.00
8557	Cross tee Silhoutte 38 15x38x600MM	each	147	35	5145.00
8591	SHADOW MOULDING 19x7x7x14x3600MM	each	13.5	65	877.50
	SUSPENSION ACCESSORIES		N. C. P. C. S. C.		
8558	GI Pre straightened Wire 2.5Mm Dia 1.8M Length	each	72	26	1872.00
8619	GI Hook clip with J wire Assembly	each	72	15	1080.00
8515	GI Anchor Fastner with hnager hole for the wire	each	72	31	2232.00
8211	40mm long SS screws with plastic rawl pluds	100 nos	1	215	215.00
9999	Sundries i.e. Scaffolding etc	L.S.	187.95	2	375.90
				Sub Total:	42991.45
	Labour				
111	Carpentar 1st Class	day	28	448	12544.00
114	Beldar	day	23	298	6,854.00
				Sub Total:	19,398.00
	TOTAL				62,389.45
	Add CP&OH @ 15%				9358.42
9999	Carriage of material etc.	L.S.	89.35	2	178.70
00000	TOTAL				71,926.57
- 3	Cost of 100 sqm				71,926.57
	Cost of 1 sqm				719.27
	Add Cess-1%				7.19
	Cost of 1 sqm				726.4
	34/	3		Say:	726.5

Technical Consultant
Technical Civil Engg.
BE in Civil Engg.
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Asst. Conservator of Forest I/c. Berhampur Range

ABSTRACT

A)	Ground Floor Add for door and window		Rs Rs	1093370.34 50000.00
	To	otal	Rs.	1143370.34
B)	First Floor Add for door and window		Rs Rs	788825.11 50000.00
	To	otal	Rs.	838825.11
	To	otal	Rs.	1982195.45
	Or S	Say	Rs.	1982195.00
	Add Gst 18%		Rs.	356795.00
	To	otal	Rs.	2338990.00
	Add Electrification		Rs.	30000.00
	Add P.H. & Sanitary Works		Rs.	39010.00

G. Total Rs. 2408000.00

Or Say 24.08 Lakhs
Twenty Four Lakh Eight Thousand Only

As Asst. Conservator of Forest //cl/6-Berhampur Range

SIGN. OF FECHNICAL CONSULTANT SAMAGRA SIKHYA, GANJAM Technical Consultant

BE in Civil Engg.

Dist. Project Character has been prepared as per the revised GST schedule of Rate of 2017 and curre semant while and 12 labour cess & GST 18% included in analysis. The supervision charges has not been in Sanak harmy prepared as per the revised GST schedule of Rate of 2017 and curre semant while the supervision of the Estimate.



GOVERNMENT OF ODISHA

DEPARTEMENT OF FOREST, ENVIRONMENT & CLIMATE CHANGE

Name of Work

: Construction of Office Cum Residential Building Plan (G+1) of Forester Quarter Squad) (Flying under

Berhampur Range

Name of the Scheme

: CAMPA (APO) 2023-24

Estimated Cost

: Rs 3226000/-

Name of the Range : Berhampur Range

Name of the Divison

: Berhampur Division

Name of the District

: Ganjam

CONSTRUCTION OF FORESTER QUARTER (FLYING SQUARD), AT CNG SHED BERHAMPUR

FORESTER QUARTER (FLYING SQUARD), AT CNG SHED BERHAMPUR :- (G+1) Floor

SI.no.	Description of Items				
1	Earthwork in excavation in hard soil for site leveling, foundation, pits, trenches and other civil works upto and including 1.5metre lift and stacking the soil upto a lead of 100 metre and including dewatering, removing slush, shoring and struffing (as required), complete as per specification and as directed by the Engineer-In-Charge.	UNIT	QNTY	RATE	AMOUNT Rs.
8.	Hard soils.	T grave	434.00		
2	Filling in foundation trenches and plinth, with excavated earth including laying the earth in layers not exceeding 23.5 cm thick ramming & watering with all leads & lifts including cost of all labour,T&P completed as directed by the Engineer-in-charge.	Cum	170.06	206.80	35168.41
		Cum	120.23	153.30	18431.26
3	Supplying and filling sand in foundation and over areas including watering, ramming, consolidating and dressing, labours, tools, taxes etc. all complete as per the specification and direction of Engineer-In-Charge.				19
		Cum	29.28	885.40	25924.51
4	Providing and laying plain cement concrete 1.4.8 (1 cement : 4 sand : 8 stone agregate 40mm nominal size) as levelling course in floor and plinth including tempering, curring, shuttering etc. complete all depth and height.				
6	First class Fly ssh Brick masonry using bricks of size 23 cm. x 11 cm. x 8 cm. having crushing strength not less than 75 kg. Per Sqr. Cm. in cement mortar of mix(1:6) with ordinary Portland siag cament(PSC) and screened & washed sand for mortar after immersing the bricks for 6 (Six) hours in water before use in Super Structure including splays cutting, circular moulding, corbelling, chamfering and similar such type of works, watering and curing etc. including cost, conveyance, loading, unloading, royalties and taxes of all materials, cost of all labour, scaffolding, sundries. T&P required for the works etc. complete in all respect as directed by the Engineer-in-Change.	Cum	19.52	5362-30	104476.90
	Ground fleer	Cum	51.57	5228 90	269654.37
	First floor	Cum	36.91	5516.60	203617.71
	Terrace floor			PERMIT	
		Oum	0.00	0.00	0.00
7	First class Fly ash Brick mesonry using bricks of size 23 cm, x 11 cm, x 8 cm, having crushing strength not less than 75 kg. Per, Ground floor				
	First floor	Cum	0.00	0.00	0.00
		Cum	0.00	0.00	0.00

Providing, lifting, hoisting and laying Reinforced cement concrete of M-20 grade as per approved designs and drawings having a minimum compressive strength (in work test) 250 Kg. / Square cm. in 15 cm. cubes at 28 days after mixing and test conducted in accordance with I.S. 516 using 12 mm, to 20 mm, size black hard crushed broken granite stone chips and screened and washed sharp sand for mortar of approved quality from approved quarry, washed and icleaned (20mm, size chips not to exceeds 25 %) to be mixed in concrete mixture with Portland slag coment (PSC) including hoisting, lowering, laying and compaction concrete by using vibrators, watering and curing for 28 days, centering and shuttering then after dismantling and removing debris from the work site and firishing the exposed surface smooth providing grooves or beads wherever necessary including cost, conveyance, loading, unloading, royalties and taxes of all materials and cost of all labours, sundries, T & P required of the work etc. complete in all respect as directed by the Engineer-in-Charge: But excluding cost and conveyance of M.S. rods or Tor steel and binding wires and labour charges for straightening, cutting, bending etc. of M.S. rods or tor steel tying the grills and placing in proper position

Ground floor

a) Footing				
b) Pedestal :-	Cum	45.32	8714.00	304278.48
	Cum	0.00	0.00	0.00
d) Column up to plinth	Cum	2.72	6569.76	17869.75
e) Plinth Beam	Cum	3.51	6569.76	23059.86
f) Column above plinth				
g) Lintel	Cum	1.33	6569.76	8737.78
h) Chajja	Cum	2.32	6589.76	15241.84
tes Cloud Association	Sqm	0.00	1152.70	0.00
i) Roof Beam	Cum	3.80	6569.76	24965.09
ß Slab				
k) Stair case	Cum	10.32	6569.76	67799.92
	Cum	1.01	6569.76	6635.46
First floor				
f)Column	Cum	1,33	6569.76	5737.78
g) Lintel				
h) Chajja	Cum	2.32	6569.76	15241.84
i) Roof Beam	Sqm	0.00	1306.50	0.00
	Cum	2.53	6569.76	16621.49
j) Stab	Cum	11.08	6569.76	72792.94
k) Stair case	Cum	0.00	18108.00	0.00
	Cam	0.00	10.00.00	0.00
Terrace floor				
f)Column				
	Cum	0.00	18210.40	0.00

g) Lintel	Dum	0.00	17179.20	0.00	
h) Chajja	Cum	0.00	1490.80	0.00	
() Roof Beam					
j) Slab	Cum	0.00	18210.40	0.00	
	Cum	0.00	16236,00	0.00	
Cutting, straightening coiled or bent up M.S. Rod or for steel of SAIL/ TATA / RINL (VIZAG) make including bending, binding, welding and joining if necessary and tying the grills and placing in position as required for R.C.C. Work and for providing fan hooks as required, hoisting, lowering, laying including cost, conveyances, taxes of M.S. Rod or for steel and binding wires of 18 to 20 gauge and labour required for the work for bending, binding and tying the grills in all floors (Linear measurement will be taken and quantity will be calculated basing on the standard weight of B.I.S. for M.S. Rods or for steel only. Wastage if any, including weight of binding wire will not be considered for measurement) etc. complete as per specification & direction of Engineer-in-charge.					
Ground floor	Qintl	22.97	10017.56	230103.24	
First floor	Qnti	12.95	10043.20	130069.44	
Terrace floor	Qintl	0,00	10070.10	0.00	
12mm cement plaster to out side of brick surfaces with cement mortar of mix 1:6 (1 cement : 6 fine sand) including necessary scaffolding, curing etc. all complete at all floors and all heights.					
Ground floor	0	204.05	100.00	47000.07	
First floor	Sqm	294.95	160.60	47368.97	
Terrace floor	Sqm	110.73	164.10	18170.79	
	Sqm	0.00	167.80	0.00	
Rigid smooth centering & shuttering for RCC work including Felse work and dis mentaling ther after casting and cost of materials etc. complete as directed by the engineer in charge.					
Ground floor		- 25.40	074.00	F007+70	
First floor	Sqm	75.42	671.90	50674.70	
Terrace floor	Sqm	77.93	808.30	62834,96	
	5qm	0.00	#REF!	0.00	
16mm cament plaster to inside of brick surfaces with cement mortar of mix 1.6 (1 cement 6 fine sand) including necessary scaffolding, curing etc. all complete at all floors and all heights.					
Ground floor	Sam	257.70	1007 A.O.	#84F0 W	
First floor	Sqm	257,39	227.10	58453.27	
	Sqm	280.97	232.40	60549.43	

		Terrace floor	Sqm	0.00	237.90	0.00
			3400	0.00	201.00	0.00
	13	6 mm cement plaster on RCC surfaces at ceiling/slab soffit and other locations with cement mortar of mix 1:4 (1 cement: 4 coarse sand) including necessary scaffolding, curing etc. all complete at all floors and all heights.				
		Ground floor	Sam	0:00:	167.40	0.00
		First floor	6500			
		Terrace floor	Sqm	0.00	171.30	0.00
3			Sam	0.00	175.40	0.00
	14	Supplying, fitting-8 fixing of Granite Tiles of minimum Above 0.40 sqm. (20mm thick) of approved make in floors laid on 20 mm thick cement mortar (1:4) (1 cement : 4 course sand) and filling joints with siurry including cost of all materials, labour T&P etc. required for the work all complete incl. rubbing as per direction of the Engineer-in-charge				
		Ground floor	Com	77.04	2782 07	216904.65
		First floor	Sqm	77.94	2782.97	970.000.000.000.000.000.000.000.000.000.
			Sam	75.27	2793.50	210266.75
	14	Supplying, fitting & fixing of 10 mm thick & size of 600x600 mm Glazed Vitrified floor tiles (GVT) of matt finish/WOODEN Ground floor				(995)
		First floor	Sgm	0.00	1009.15	0.00
			Sam	0.00	1019.70	0.00
	15	Supplying, fitting & fixing of 10 mm thick & size of 600x500 mm Glazed Vitrified floor tiles (GVT) of matt finish(WOODEN FINISH/RUSTIC FINISH) with veiloraft (VC) shield(Scratch free/stain free) with water absorption limit between 0.08% to 3% and conforming to IS: 15622:2006 (Group B Ib) laid on 12 mm thick cement mortar (1:3) (1 cement: 3 course sand) jointed with slurry mixed with pigment to match the shades of the tiles etc. complete including cost of all materials, labour T&P etc. required for the work all complete as per direction of the Engineer-in-charge				
		Ground floor	.53	200	1111	
		First floor	Sqm	0.00	1116.90	0.00
			Sqm	0.00	1132.80	0.00
	16	Supplying, fitting & fixing of 10 mm thick & size of 300x300 mm. Ceramic floor tiles of matt finish baid on 20 mm thick cement. Ground floor				
		First floor	Sqm	0.00	710.69	0.00
	17	Supplying, fitting & fixing of Germ free Ceramic wall tiles of premium grade of size 600x300mm having thickness 6.5mm to	Sqm	0.00	721.20	0.00
		Ground floor	Sqm	0.00	773.90	0.00
		First floor	Sqm	0.00	789.80	0.00

Providing and fixing seasoned sal wood work in frames at any locations including doors, windows.cupboard, clerestory and other frames fixing in position including cost of hinges, M.S. flat (30mm x 6mm) hold fasts lugs or dash fasteners of required dia and length as per drawing / specification, at all floors and all heights.

	Ground floor				
	- Control of the Cont	Cum	0.62	85425.10	52963.56
	First floor	Cum	0.66	85425.10	56380.57
19	Factory made 30mm/32mm flush door shutter (Laminates both side of frame) with all labour iron fittings, and wooden binged Ground floor				
	First floor	Sqm	0.00	3577.70	0.00
		Sgm	0.00	3677.70	0.00
	20				
20	Supplying Fitting, fixing up fully glazed aluminium framed window (sliding type) made un aluminium, section 9778 as window frame. Ground floor				
	First floor	aqm	0.00	3625.70	0.00
	Terrace floor	aqm	0.00	3625.70	0.00
	Terrace moor	Kg	0.00	3625.70	0.00
21	Supplying and Fixing of M.S. Grills, M.S.Doors, M.S. Gate etc including cost conveyance of all materials noming and labour for Ground floor				
	First floor	Kg	0.00	66.50	0.00
	1.072.9700//	Kg	0.00	66.50	0.00
	Terrace floor	Кр	0.00	66.50	0.00
22	Priming one cost with wall cement primer (water bound) to make an even finished surface in all floors and heights to wall surface of approved make and shade including sand papering, applying putty wherever necessary & cost of scaffolding, staging charges with cost, conveyance, taxes of all materials, cost of all labour labour cess T&P etc. complete as per the direction of the Engineer-in-charge.				
	Ground floor	Vanis	000000	55727	
	First floor	Sqm	630.28	67.90	42798.01
	Terrace floor	Som	446.98	69.50	31065.11
	1001	Sam	0.00	21.10	0.00

Painting two coats with approved anti-fungal weather seal paints (ISI) of approved colour, shade on wall surface over a coat of wall primer(ISI) water bound including sand papering, polishing the surface, cost, conveyances of all materials and cost of all labour, labour cess with T&P etc, complete as per specification & direction of Engineer-in-charge.

A) :	Ground Floor Add for door and window			Rs Rs	1645136.05 70000.00
	Say Rs.				2540730.00
Ψ,		ogni	0.00	104.30	2540729.70
	Terrace floor	Sqm	0.00	150.50	0.00
	First floor	Sam	0.00	146.70	0.00
	Ground floor		20000	W 200 000	
27	Painting two coats with approved Enamel Paint on Steel work in Ground Floor				
	First floor	Som	0.00	214.56	0.00
26	Painting two coats with approved Enamel Paint on wood work over a coat of Wood Primer in Ground Floor Ground floor	Sqm	0.00	209.24	0.00
		Sqm	0.00	96.30	0.00
	Terrace floor	Sqm	0.00	94.80	0.00
	First floor	Sqm	0.00	92 90	0.00
	Ground floor	0/920100	779-007	4224001	2504223
25	Painting two coats with approved plastic emulsion paint over a cost of wall primer of make Dulux / Berger / Asian to inside surface of wells finished with Acrylic Wall putty (water based) of make (Birla / JK) and finished smooth & even surface to receive painting using roller to the final cost including cost of scaffolding staging charges with cost, conveyances, taxes of all materials, cost of labour, T&P required for the work etc. complete for all floors as per specification & direction of the Engineer-in-charge. Note - Sample of Paint & Primer shall be approved before procurement and use.				
		Sqm	0.00	78.00	0.00
	Terrace floor	Sqm	0.00	76.00	0.00
	Ground floor First floor	Sqm	0.00	76.00	0.00
24	Finishing plastered surfaces of walls with cement based wall putty (Water based) of approved make and finishing the surface smooth and even by sand papering to receive painting in walls, at all heights with staging wherever necessary with cost, conveyance, taxes of all materials, cost of all labour labourcess, all T&P etc. required for the work complete in all respect as per the direction of the Engineer-in-charge.				
	Terrace floor	Sqm	0.00	85.50	0.00
	First floor	Sqm	110.73	82.70	9157.37
	Ground floor	Sqm	294.95	80.10	23625.50

		Total	Rs.	1715136.05	ř.
B)	First Floor		Rs	895596.18	E).
	Add for door and window		Rs	70000.00	6
		Total	Rs.	965596.18	
		G. Total	Rs.	2680732.23	į.
		Or Say	Rs.	2680730.00	Ġ.
(C)	Add gst 18%		Rs	482531.00	ë
		Total	Rs.	3163261.00	8
	Electrification		Rs.	30000.00	ê
	P.H. & Sanitary Works		Rs.	32739.00	Ė
		G. Total	Rs.	3226000,00	Ř.
		Or Say	Rs.	32.26	Lakh
		Thirty Two Laki	hs Twent	y Six Thousand	d Only

Sign. 95 Project Consultant
SAMAGRAPEKINA GANIAM rdinator
Dist. Project Consultant
Samagra Sikhya Ganjam
Sanakhamundi Block

I/c. UB-Behaumpur Riginge

Asstas@admenusteefrest

Certified that The Estimate has been prepared as per the revised GST schedule of Rate of 2017 and current labour wages and 1% labour cess & GST 18% included in analysis. The supervision charges has not been included during preparation of the Estimate.

SIGN PRESIDENT CONSULTANT

Dist. Project Co-on Samagra Sikhya Gunda Sanakhemundi Bi

Assist Conservate of Folest orest Vo/Derhamparkangenge

ESTIMATE

ESTIMATE OF OFFICE CUM RESIDENTIAL BUILDING PLAN (G+1) OF FORESTER QUARTER (FLYING SQUARD), AT CNG SHED BERHAMPUR

Ground Floor

1 Earth work in excavation of foundation in hard soil or gravelly soil within 50m initial lead and 1.50m initial lift including rough dressing breaking clods to maximum 5cm to 7cm & laying in layers not exceeding .0.3m depth and as per direction of the Engineer-in-Charge

														or	6006.60 170.06	Cft
Column	9	X	2	0	. 14	X	2 '	0	- 14	×	5 '	0	14	=	180.00	cft
	2	x	25					0		×	4 '	0		=	606.00	cft
	1	×	5	3		×	4 '	0	. "	×	5	0	.79	-	105.00	cft
Short Wall	4	×	13	6				0			5 '	0	***	=	1080.00	cft
	2	X	55	3		X		0		×		0	46	=	1326.00	cft
Long Wall	3	×	45			X	4	0		×	5'	0	99	*	2709.60	cft
Engineer-in-onarge																

@ Rs 206.80 Rs. 35168.41

2

Filling in foundation trenches and plinth, with excavated earth including laying the earth in layers not exceeding 23.5 cm thick ramming & watering with all leads & lifts including cost of all labour, T&P completed as directed by the Engineer-in-charge.

2/3rd of Excavation	0.5	x	170.06	cum	
		300	120.23	cum	
	@	Rs	153.30	Rs.	18431.26

3 Filling foundation & plinth with sand watered and rammed including cost of sand and labour etc.
complete as directed by the Engineer in charge.

complete as direct	ted by	the	Enginee	r in c	harge	2.							
Long Wall	3	X	45 2	* X	4	0	" ×	0	6	/44	=	271.00	cft
	2	×	55 ' 3	" X	3 '	0	" >	0	6	99		165.75	cft
Short Wall	4	X	13 6	" X	4	0	" x	0	6	**	=	108.00	cft
	1	×	5'3	" X	4 '	0	" >	0	6	91	=	10.50	cft
	2	x	25 3	" X	3 "	0	" >	0	6	19	=	75.75	cft
Column	9	×	2'0	" X	2 '	0	" x	0	6	/11	=	18.00	cft
Basement of Room	1	X	10 ' 0	" X	6 '	7	" >	0	6			32.92	cft
	1	X	10 ' 0	" ×	11 '	2	" >	0	6	100	=	55.83	cft
w	1	X	10 ' 0	" x	4	11	* >	0	6	М	*	24.58	cft
	1	×	10 ' 0	" ×	20 '	4	" >	0	6	31		101.67	cft
	1	×	10 0	" ×	10 '	0	* x	0	6	H	=	50.00	cft
	2	×	10 ' 0	" X	12'	0	" x	0 '	6	913	*	120.00	off.
												1034.00	Cft
											OF.	29.28	Cum

Rs 885.40 Rs. 25924.51

4 Cement concrete (1:4:8) using 40mm, and down graded H.G. hand broken metal including cost carriage, royality taxes of all materials with all labour, T&P required etc. complete as directed by the Engineer in charge.

													90	689.33 19.52	Cft Cum
	2	×	10 ' 0	**	x	12 '	0	"	×	0 .	4	85	=	80.00	cft
	1	x	10 ' 0	Ħ	x	10	0	,11	X	0 "	4	100	=	33.33	cft
	1	×	10 ' 0	10	X	20 '	4	*	X	0 '	4		=	67.78	cft
	1	×	10 ' 0	-10	×	4 "	11	"	×	0 '	4	86		16.39	cft
	1	x	10 ' 0	**	×	11	2	"	×	0'	4	*	=	37.22	cft
Basement of Room	1	×	10 ' 0		X	6 '	7		×	0 '	4	**	=	21.94	cft
Column	9	×	2'0	**	x	2'	0	**	×	0 '	4	*	-	12.00	cft
	2	×	25 ' 3	**	×	3 '	0	*	×	0'	4	*		50.50	cft
	1	×	5'3	**	×	4 "	0	**	×	0'	4	*		7.00	cft
Short Wall	4	×	13 ' 6	11	×	4'	0	++	×	0'	4	*	=	72.00	cft
	2	×	55 1 3	10	x	3 "	0	*	×	0 '	4	*		110.50	cft
Long Wall	3	×	45 ' 2	**	×	4 '	0	+	x	0'	4	*		180.67	cft
muguiter in annual det															

Rs 5352.30 Rs. 104476.90

5 Cement Concrete (1:1.5:3)using 12mm size CBHG chips

```
Column Footing 9 x 2 0 " x 2 0 " x 2 4 " = 84.00 cft
9 x 1 0 " x 1 0 " x 1 4 " = 12.00 cft
96.00 cft
2.72 Cum
```

@ Rs 6569.76 Rs. 17869.75

	THE RESERVE AS A SECOND PROPERTY OF THE PARTY						neer o	on war										
	plinth including carrie	age	e etc	. con	ple	te	as	dire	ecte	ed t	ЭУ							
	the engineer in charg	e.																
	1st Footing	3	X	45	' 2	**	X	2'	0		х	4.1	6	300		406.50	cft	
	TOUT DOWNS	2	x	55		**	x	2 '	0	46	x	1.	6	10	- =	331.50	oft	
		4	×	13			×	2 '	0	14	x	11	6	90	-	162.00	cft	
		1	×		3	**	×	2 '	0	-	x	1 1	6	11	100	15.75	cft	
			x	25		w	X	2 '	0	*	x	1 1	6		-	151.50	cft	
	2nd Footing	3	x	45		99	x	11	6	1	x	1.	ō	11	201	203.25	cft	
	2nd rooting	2 3 2	X	55		41	×	1 1	6	11	×	1.	0	11		165.75	cft	
		4	X	13		n	x	1 "		71	×	1 .	0	n.		81.00	cft	
		1	×		3		x	1		40	x	1.	0	11	=	7.88	cft.	
		2	x	25		**	x	1		n	×	1"	ō		=	75.75	cft	
		1	^	20	- 9			SAC	U			.cte	.0			1600.88	Cft	
														_		45.32	Cum	
100			2537						17753		276			@	Rs	6714.00	Rs.	304278.48
7	K.B Brick masonry	y	in	ceme	ent	m	nor	tar	(1	:6)	in							
	superstructure using	K	B B	ricks	of s	9"	size	e										
	Long Wall	-100	×	41	11		×	0 '	9	-	x	10 1	0	0.	=	943.13	Cft	
	cong wan	3	x		11		×	0 '	5	-	x	7 '	0	.160	=	14.34	Cft	
			×		0		×	0.		-	X	6 '	0	345		477.00	Cft	
	Short Wall	2	×	20	. 0		×	0				10 '	0	0.0	-	600.00	Cft	
	Short Wall	1	X					0.	9		X	10	0		-	75.00	Cff	
		4	X		0	**	x	0 '			X	6	0	.11			Cft	
		3	×	27	0		×	0	9		×	0	U			123.75		
	7 (L1012 100 (2040 H)															2314.12	CII	
	Deduction																	
	Column															46.83	Cft	
	lintel															81.93	Cft	
	Main gate	1	×	12	0	**	x	0 '	9	- 11	x	6 "	0	10	- 20	54.00	Cft	
	Grill	1	x	9	0	**	x	0'	9		x	7 "	0	46	=	47.25	Cft	
	D		×	3	6	**	x	0 '	9	*	x	7 '	0		100	110.25	Cft	
	D2	6 2 6	×	2	6	#	×	0 '	9	*	×	7 1	0	.0.	-	26.25	Cft	
	W	6	×	5	0	**	x	0 '	9		x	4 *	0	111		90.00	Cft	
	W1	1	×	3	0	\mathbf{n}	x	0 '	9	*	x	4 1	0	11	-	9.00	Cft	
	V	1	×	2	0	**	x	0 '			x	2 *	0	11	=	3.00	Cft	
								-			.000	-	-			492.56	Cft	
																1821.56	Cft	
																51.57	Cum	
														@	Rs	5228.90	Rs.	269657.37
														@	ics	3220.30	Ks.	200031.31
8																		
a	Plinth Beam			C 44		- 10			-	77.796	281			100		***	**	
		3	×		11		×	0 '	9		X	0 '	9	2	-	70.73	Cft	
		1 4 1	X X		11		×	0 '	9		×	0 '	9			2.77	Cft	
		4	Х	20		**	×	0 '	9	"	×	0 '	9		=	45.00	Cft	
		3	X	10	. 0	*	X	0 '	9	**	X	0 "	9	**	=	5.63	Cft	
																124.13	Cft	
																3.51	cum	
														@	Ra	6569.76	Rs.	23059.86
b	Column																	
	Goldini	9	v	n	9	11	X	0 '	9		x	0	3	31	=	46.83	Cft	
			х				^	×.	-		^	9 '			(0)		-0.00	
	w															1.33	Cum	
															Do	0000 70	D.	0727.70
	11-4-1													@	Rs	6569.76	NS.	8737.78
C	Lintel	920		(0.049)				SECO	-			12000	.520	w		7440020	12121	
		3	×		11	*	X	0 '	9		х	0.	6		2	47.16	Cft	
		1	х		11		X	0 '			X	0 "	6	"	=	1.02	Cft	
		3 1 4 1	x x x	20			×	0 '			X	0 '	666			30.00	Cft	
		1	X	10	0	**	X	0 '	9	**	Х	0 "	6	***	=	3.75	Cft	
																81.93	Cft	
																2.32	Cum	

6 R.R. Stone mesonary in C.M (1:6) in foundation and

														@	Rs	6569.76	Rs.	15241.84
d	Roof slab																	
		1	X	22	3	11	x 4	11	11		x	0 '	4	11	26	310.88	Cft	
		- 1	×	4	0	"	x 3	88	2	n	×	0 '	4	35	=	50.89	Cft	
		1	×	4	0	11	x 2	2'	3	. 10	X	0,	4	000	=	29.67	Cft	
																391.44	Cft	
	Deduct opening																	
		1		3	0	# .	x 1	2'	0		X	0 '	5	11	- 20	13.00	Cft	
		1		3	0			4	2	4	x	0 '	5	.95		5.12	Cft	
		1		3	0	" 3	×	7 '		*	×	0,	5	11	*	8.81	Cft	
																364.51	Cft	
																10.32	Cum	
														@	Rs	6569.76	Rs.	67799.92
е	Beam																	
		3	×	45	11		×.	0'	9		x	0 '	9			77.48	Cft	
		3	×	26	3	11:3	×	0'	9		x	0 '	9			44.30	Oft	
		1	x	22	3	w.	×	0'	9	*1	x	0 '	9	300	=	12.52	Cft	
																134.30	Cft	
																3.80	Cum	
														@	Rs	6569.76	Rs.	24965.09

f	Stair																		
	Waste Slab		×	3 '	0	16	x	23		4	" ×	0 '	4		N.	=	23.09	cft	
	Steps	0.50 x 2	1 x	3	0	w	x	0		10	" x	0 '	6	,			12.68	cft	
	- Steps	000000000000000000000000000000000000000															35.77	Cft	
																	1.01	Cum	
															@	Rs	6569.76		6635.46
9	Tor steel rein	forcemen		in R. 7% avg					R.C	0.0	work								
				22.29				0.0								=	22.97	qntl	
					- 10		9	7							m	Rs	10017.56		230103.24
															@	rt.s.	10017.50	No.	230103.24
10	Rigid Smooth	Centerin	g & S	hutte	ring	F	or	R.C	2.0	: W	Vork								
	Including Fal	se Work	And	dism	ent	all	ing	th th	ne	ra	after								
	casting and	cost o	f ma	terials	8 6	etc	.co	mp	ole	ete	as								
	directed by th	e engine	er in o	harge															
			×	20		#	×	40	919	5	9					=	838.51	Sft	
	Deduct															=	26.93	Sft	
																	811.55	Sft	
																	75.42	Smt	100000000000000000000000000000000000000
															@	Rs	671.90	Rs.	50674.70
11	16mm thick	cement	plast	er in	cr	n	(1:	6)	fii	nis	hed								
	smooth to bri	ck masor	ry in	cludin	g r	acl	kin	go	ut	jo	ints								
	including wa		1000		00000			200											
	royalties, labo						50												
	In side	Jul Willi	ar e		ııp.	ere			100										
		4	×	40	5	**	x	10	٠	6						-	1697.50	Sft	
		2		4	11				ij.	0	0					=	68.83	Sft	
		6		20	9	н	×	10	9	6						-	1307.25	Sft	
				10				10	7.	6	0.7						210.00	Sft	
		- 5	177	3.5	-					3							3283.58	200	
	Deduction																	16	
	Grill		x	9	0	10	×	7		0	40						63.00	Sft	
	D	1	0 x	3 '	6		×	7		0	11						245.00	Sft	
	D2	4	4 x	2 '	6	#	X	7	* 1	0	**					=	70.00	Sft	
	W	(X	5	0	**	×	4	13	0	.0.						120.00	Sft	
	W1			3	0	**	×	4		0							12.00	Sft	
	V			2 '	0	*	x	2		0	3935					-	4.00	Sft	
																	514.00	Sft	
																	2769.58	Sft	
																	257.39	Sqm	
																	12012120143121		

12 20mm thick cement plaster (1:6) finished smooth to brick or stone masonry after racking out joints, including watering, curing, cost, conveyance, taxes, royalties & labour with T&P etc. complete. Outer Plastering

58453.27

2	x	27 ' 6	" x	6	0			=	330.00	Sft	
2		22 ' 3	" x	12 '	11			-	574.79	Sft	
									3589.64	Sft	
1	×	9,0	" X	7 '	0	**		=	63.00	Sft	
2	×	12 ' 0	" X	7 "	0	11			168.00	Sft	
2	×	3'6	" X	7 '	0	#		=	49.00	Sft	
1	×	3'0	" X	4 '	0	W		=	12.00	Sft	
6	×	5'0	" X	4 '	0	.0.			120.00	Sft	
1	X	2'0	" X	2'	0	111		-	4.00	Sft	
									416.00	Sft	
									3173.64	Sft	
									294.95	Smt	
							@	Rs	160.60	Rs.	47368.97
	2 2 1 2 2 1 6	2 x 2 x 1 x 2 x 2 x 1 x 6 x	2 x 27'6 2 x 22'3 1 x 9'0 2 x 12'0 2 x 3'6 1 x 3'0 6 x 5'0	2 x 27'6 " x 2 x 22'3 " x 1 x 9'0 " x 2 x 12'0 " x 2 x 3'6 " x 1 x 3'0 " x 6 x 5'0 " x	2 x 27'6 "x 6' 2 x 22'3 "x 12' 1 x 9'0 "x 7' 2 x 12'0 "x 7' 2 x 3'6 "x 7' 1 x 3'0 "x 4' 6 x 5'0 "x 4'	2 x 27'6 "x 6'0 2 x 22'3 "x 12"11 1 x 9'0 "x 7'0 2 x 12'0 "x 7'0 2 x 3'6 "x 7'0 1 x 3'0 "x 4'0 6 x 5'0 "x 4'0	2 x 27'6 "x 6'0 " 2 x 22'3 "x 12"11" 1 x 9'0 "x 7'0 " 2 x 12'0 "x 7'0 " 2 x 3'6 "x 7'0 " 1 x 3'0 "x 4'0 " 6 x 5'0 "x 4'0 "	2 x 27'6 "x 6'0" 2 x 22'3 "x 12'11" 1 x 9'0 "x 7'0 " 2 x 12'0 "x 7'0 " 2 x 3'6 "x 7'0 " 1 x 3'0 "x 4'0 " 6 x 5'0 "x 4'0 " 1 x 2'0 "x 2'0 "	2 x 27'6 "x 6'0" = 2 x 22'3 "x 12'11" = 1	2 x 27'6 "x 6'0" = 330.00 2 x 22'3 "x 12'11" = 574.79 3589.64 1 x 9'0 "x 7'0 " = 63.00 2 x 12'0 "x 7'0 " = 168.00 2 x 3'6 "x 7'0 " = 49.00 1 x 3'0 "x 4'0 " = 12.00 6 x 5'0 "x 4'0 " = 120.00 1 x 2'0 "x 2'0 " = 4.00 416.00 3173.64 294.95	2 x 27'6 "x 6'0" = 330.00 Sft 2 x 22'3 "x 12'11" = 574.79 Sft 3589.64 Sft 1 x 9'0 "x 7'0" = 63.00 Sft 2 x 12'0 "x 7'0" = 168.00 Sft 2 x 3'6 "x 7'0" = 49.00 Sft 1 x 3'0 "x 4'0" = 12.00 Sft 1 x 2'0 "x 2'0" = 4.00 Sft 416.00 Sft 3173.64 Sft 294.95 Smt

13 Fixing of tiles in floors, Trades of steps & Landing over 25mm thick bed of cement mortar 1:1 jointed with cement slurry mixed with pigments to match the shade of the tiles, including rubbing & polishing etc. complete including cost, conveyance, taxes & royalties of all materials, labour with T&P complete in all respect. Granite Tiles 20'9 "x 40'5 " 838.65 Sft Rooms 1 X 838.65 Sft 77.94 Sqm 216904.68 2782.97 Rs. 14 Dressed Seasonal Sal Wood Work Wrought & Put up framed and fixed in burghas, rafters, and posts, including cutting gruves, drilling holes,mending to size etc.including cost of all materials& labour with T&P etc. Complete. D 12 x 0 " 0'3 0'4 6.93 cft " X 12 x 0'3 0'4 3 ' 6 " 3.46 cft D2 0'3 7. 0 " 4 x 0'2 " X " X 1.12 cft " X 4 X 0'2 " × 0'3 2 ' 6 " 0.20 cft W " X " X 5 1 0 " 0.3 0'4 12 x 4.95 cft " X " X 12 x 0'3 0'4 4 0 " 3.96 cft W1 2 x 0'3 "x 0'4 " X 4 0 " 0.66 cft 2 x 0'3 "x 0'4 " x 3 ' 0 " 0.49 cft 21.77 oft 0.62 Cum Rs 85425.10 Rs. 52963.56 15 Priming one coat to wall surface including cost of all materials and labour with T&P etc complete in all respect. Inside Same as inside Plastering. Vide item no.11 2769.58 Sft 838.65 Sft Same as Out side Plastering. Vide item no.12 3173.64 Sft 6781.87 Sft 630.28 Sqm 67.90 42796.00 Rs. Rs 16 wall painting two coats with weather coat of approved make to give an even shade etc including cost of all materials, taxes & labour with T&P etc complete in all floors as per the direction of EIC. Same as Out side Plastering. Vide item no.12 3173.64 Sft 294.95 Sqm @ Rs 80.10 Rs. 23625.00

LS

Rs.

Total

70000.00

1715136.05

17 Supplying, fitting, fixing of shutters wood work.(door and

window)

First Floor

18	K.B	Brick	masonry	/	in	cement	mo	rtar	(1	:6)	in							
			ure using															
	Long		are damig	3	×	41 11		0'	9	**	×	10	0	10		943.13	Cft	
	Long.	a van		1	X	4 ' 11		0'		79		7 "	0			14.34	Cft	
	Short	Wall		4	X	20'0	" X	0.		-	×	10		**		600.00	Cft	
				1	x	10 ' 0	" X	0."		-	x	10 '		44.	800	75.00	Cft	
																1713.37	Cft	
	Ded	uction																
	Colu	mn														70.88	Cft	
	lintel															81.93	Cft	
	D			7	×	3 ' 6	* X	0 1	9		X	7.	0	44	80	128.63	Cft	
	D2			2	×	2'6	* x	0 '	9	**	×	7 1	0	**	=	28.25	Cft	
	W			6	×	5'0	" X	0 1	9	**	X	4	0	44	=:	90.00	Cft	
	W1			1	×	3 ' 0	" x	0 '	8	**	X	4	0	**	*	9.00	Cft	
	V			1	X	2.0	" X	0 '	9	10	×	2 .	0	-		3.00	Cft	
																409.69	Cft	
																1303.68	Cft	
																36.91	Cum	
														@	Rs	5516.60	Rs.	203617.71
19	R.C.	C work	M-20															
а	Colu	ımn																
	200			9	×	0'9	" X	0 "	9	/19	x	9 '	3	**	*	46.83	CR	
																1.33	Cum	
																17.40		
														@	Rs	6569.76	Rs.	8737.78
b	Lint	el																
				3	×	41 ' 11	* X	0 '		**	×	0.	6		146	47.16	Cft	
				1	x	4 11	" X	0 '		"		0 '	6 6 6	*	=	1.02	Cft	
				4	×	20 ' 0	" X	0 '		"	×	0 *		*	=	30.00	Cft	
				1	X	10 ' 0	" x	0 *	9	*	×	0 .	6	7		3.75	Cft	
																81.93	Cft	
																2.32	Cum	
														@	Rs	6569.76	Rs.	15241.84
C	Roo	fslab																
				1	X			41	11	н	X	0.		**	141	310.88		
				1	×	4'0	" X	38 '	2		x	0.	4	**	=	50.89	Cft	
				1	×	4'0	" X	22 '	3	. **	×	0,	4	900	-	29.67	Cft	
																391.44	Cft	
																11.08	Cum	
														@	Rs	6569.76	Rs.	72792.94
.55	0.00																	
d	Bea	m		200		TOYO CHO L				7700						WW.7800	Transact.	
				3	X	45 11		0,		"	×	0.			=	51,66	Cft	
				3	X						X			**	*	29.53	CR	
				1	X	22 ' 3	" X	0	9		×	0,	6	340	-	8.34	Cft	
																89.53	Cft	
																2.53	Cum	
												$(a_0)^{-1}$		@	Rs	6569.76	Rs.	16621.49
~	100																	
20	Tor	steel re	inforceme	nt	bar	s in R.C.C	WOI	ks										
						17.26 x		0.8							=	12.95	qntl	

130059.44

Rs 10043.20 Rs.

21 Rigid Smooth Centering & Shuttering For R.C.C Work Including False Work And dismentalling ther after casting and cost of materials etc.complete as directed by the engineer in charge

> x 20 '9 " x 40 '5 " = 838.51 Sft 838.51 Sft 77.93 Sm

77.93 Smt @ Rs 806.30 Rs. 62834.96

Rs 164.10 Rs.

60649.43

18170.79

22 16mm thick cement plaster in cm (1:6) finished smooth to brick masonry including racking out joints including watering, curing, cost, conveyance, taxes, royalties, labour with T&P etc. complete in all in side

THE GIVE															
	4	×	40	5	11	×	10	4	6	-			1697.50	Sft	
	2	×	4	1 11	. "	×	7	-	0	16		=	68.83	Sft	
	6	X	20	9	15	x	10	1	6	11			1307.25	Sft	
	2	х	10	. 0	"	x	10		6	**			210.00	Sft	
													3283.58	Sft	
Deduction															
D	11	×	3	6	*1	x	7		0	11			269.50	Sh	
D2	4	×	2	6		x	7		0	18		=	70.00	Sft	
W	6	×	5	0	*	x	4		0	10		=	120.00	Sft	
W1	1	×	3	0	Ħ	x	4		0	11-		=	12.00	Sft	
V	1	×	2	. 0	-	×	2		0	14		=	4.00	Sft	
													475.50	Sft	
													2808.08	Sft	
													260.97	Sqm	
											@	Rs	232.40	Rs	

23 20mm thick cement plaster (1:6) finished smooth to brick or stone masonry after racking out joints, including watering, curing, cost, conveyance, taxes, royalties & labour with T&P etc. complete. Outer Plastering

2	×	41 11	+	x	10 '	11	н	19	915.18	Sft
2	×	22 ' 3	**	×	10'	11	11	=	485.79	Sft
									1400.97	Sft
3	×	3'6	-	X	7'	0		=	73.50	Sft
1	×	3,0	*	×	4	.0		=	12.00	Sft
6	×	5'0		×	4 '	0	*		120.00	Sit
1	×	2'0	*	X	2 '	0	- 41	=	4.00	Sft
									209.50	Sft
									1191.47	Sft
									110.73	Smt
	2	2 x 3 x 1 x 6 x	2 x 22'3 3 x 3'6 1 x 3'0 6 x 5'0	2 x 22°3 " 3 x 3'6 " 1 x 3'0 " 6 x 5'0 " 1 x 2'0 "	2 x 22°3 "x 3 x 3'6 "x 1 x 3'0 "x 6 x 5'0 "x	2 x 22'3 "x 10' 3 x 3'8 "x 7' 1 x 3'0 "x 4' 6 x 5'0 "x 4' 1 x 2'0 "x 2'	2 x 22'3 "x 10'11 3 x 3'6 "x 7'0 1 x 3'0 "x 4'0 6 x 5'0 "x 4'0 1 x 2'0 "x 2'0	2 x 22'3 "x 10'11" 3 x 3'8 "x 7'0 " 1 x 3'0 "x 4'0 " 6 x 5'0 "x 4'0 " 1 x 2'0 "x 2'0 "	2 x 22'3 "x 10'11" = 3 x 3'6 "x 7'0 " = 1 x 3'0 "x 4'0 " = 6 x 5'0 "x 4'0 " = 1 x 2'0 "x 2'0 " =	2 x 22'3 "x 10'11" = 485.79 1400.97 3 x 3'8 "x 7'0" = 73.50 1 x 3'0 "x 4'0" = 12.00 6 x 5'0 "x 4'0" = 120.00 1 x 2'0 "x 2'0" = 4.00 209.50 1191.47

24 Fixing of tiles in floors, Trades of steps & Landing over 25mm thick bed of cement mortar 1:1 jointed with cement slurry mixed with pigments to match the shade of the tiles, including rubbing & polishing etc. complete including cost, conveyance, taxes & royalties of all materials, labour with T&P complete in all respect. Granite Tiles Rooms 1 x 20 9 "x 40 5 838.65 Sft 28.69 Deduction 809.96 Sft 75.27 Sqm 210266.75 Rs 2793.50 Rs. 25 Dressed Seasonal Sal Wood Work Wrought & Put up framed and fixed in burghas, rafters, and posts,including cutting gruves,drilling holes,mending to size etc.including cost of all materials& labour with T&P etc. Complete. D. 14 X 0 3 0'4 8.08 0'4 14 x 0 . 3 3 . 6 4.04 " X 7 . D2 0'2 4 x 0'3 0 1,12 cft. 4 x " X 0 1 2 0 ' 3 2 6 0.20 cft W " X 0'4 " X 5 12 x 0'3 0 4.95 oft. " X 12 x 0'3 0'4 4 " 0 3.96 oft. " X W1 " X 4 0 14 2 x 0 ' 3 0'4 0.66 cft. 2 x 0'3 " X 0'4 3 0 " 0.49 cft 23.50 cft 0.66 Cum Rs 85425.10 Rs. 56380.57 26 Priming one coat to wall surface including cost of all materials and labour with T&P etc complete in all respect. Inside 2808.08 SR Same as inside Plastering. Vide item no.10 809.96 Sft 1191.47 Sft Same as Out side Plastering. Vide item no.11 4809.51 Sft 446.98 Sqm 69.50 31065.11 Rs. 27 Wall painting two coats with weather coat of approved shade & approved make to give an even shade etc including cost of all materials, taxes & labour with T&P etc. complete in all floors as per the direction of EIC. Same as Out side Plastering, Vide item no.12

28 Supplying, fitting, fixing of shutters wood work.(door and

window)

110.73

82.70

LS

Total

SB

Rs.

Rs.

9157.37

70000.00

965596.18

Ground Floo	ir i	Rs.	171	5136.05
First Floor		Rs.	96	5596.18
Add Gst 18%		Rs.	48	2531.00
G. Total		Rs.	316	3263.23
	Say	Rs.	316	3261.00
		Rs.	3	00.000
		Rs.	3	2739.00
G. Total		Rs.	322	6000.00
	Sav	Rs.	32.26	Lakh

Electrification PH & Sanitary works

Tech Me Land Brook

Rupees Thirtytwo lakh Twentysix Thousand

As Nast: Conservator of Porest

Certified that The Estimate has been prepared as per the revised GST schedule of Rate of 2017 and current labour wages and 1% labour cess & GST 18% included in analysis. The supervision charges has not been included during preparation of the Estimate.

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Asst. Conservator of Forest Vc. Berhampur Range

				-
ANA	LYSIS	SOF	PAT	E.C.
MIN M	to I willy	1 UT	13.03.1	

	ANALYSIS OF RATES		, ,		
SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
1	Earth work in hard soil or gravelly soil with in 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7 cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge.				
	Unit = Cum (A/R 2006-1(2a)-Page No-2) Taking output = 100 Cum				
	a) Labour				
	Man Mulia unskilled	Each	21.50	345.00	7417.5
	Woman Mulia unskilled	Each	21.50	345.00	7417.5
	100000 0000			0.00000000	14835.0
	b) Overhead charges @ 7.5% on (a)		7.5%	14835.00	1112.6
	c) Contractors Profit @ 7.5% on (a)		7.5%	14835.00	1112.6
	Cost per 100 Cum = a+b+c		56555	194114	17060.2
	d) Add 20% for ecavation of foundation		20%	17060.25	3412.0
			2007	20.170.00	20472.30
	Add towards Labour Cess @ 1%		1%	20472.30	204.7
	Date nor f Cum				20677.02 206.7
	Rate per 1 Cum		Cau	206 90	per cum
,	Filling foundation and plinth with excavated earth complete wth all.		Say	200.00	per cum
				1	
	For 1 Cum -2/3 rd of item-4(a)		0.67	227.70	151.802474
	Add towards Labour Cess @ 1%		196	151.80	1.5
				Total	153.32
				Say	153.3
	Plain cement concrete (1:4:8) with 40 mm hard granite metal in foundation as per Drawing and Technical Specification Unit = Cum (A/R 2006-Page No-43 item-4) Taking output = 1 cum				
	a) Materials				
	40mm size H. G.C.B metal	Cum	0.96	995.25	955.4
	Sand (screened & washed)	Cum	0.48	66 23	31.7
	Cement	Qnti	1.72	674.00	1159.2
				1,7010,1796	2146.5
	b) Labour Mason 2nd class	Each	0.40	425.00	70.0
	Man Mulia	Each	0.18 2.50	435.00 345.00	78.3 862.5
	Woman Mulia	Each	1.40	345.00	483.0
	rygman mulici	Eduli	1,40	343.00	1423.8
	c) Overhead charges @ 7.5% on (a+b)		7.5%	3570.31	267./
	c) Overhead charges @ 7.5% on (a+b) d) Contracor's Profit @ 7.5% on (a+b)		7.5%	3570.31	267.7
	e) Carriage & Royalty		1.00	SAFEGUE	3603.7
	40mm size H.G.C.B metal	Cum	0.96	810.51	778.0
		Cum	0.48	755.28	362.5
	Cement	Onti	1.72	30.73	52.8
			0.05000	20.10	1193.4
	Rate per Cum = a+b+c+d+e				5299 3
	Add towards Labour Cess @ 1%		1%	5299.33	52.9
			.000		5352.32
				Say	5352.30
4	Plain cement concrete (1:3:6) with 12mm size Crosser broken hard granite metal with cost of all labour & materials.			2000	

hard granite metal with cost of all labour & materials.

(A/R 2006/III/9-Page No-45 item-9) Unit = Cum

Taking output = 1 cum

a) Materials

lo.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
-	12mm size H.G.C.B metal	Cum	0.9	1396.62	1256.96
	Sand (screened & washed)	Cum	0.45	66.23	29.80
	Cement	Qnti	2.15	674.00	1449.10
	Corners	2000	2002	. carriera	2735.86
88	b) Labour	-		105.00	
	Mason 2nd class	Each	0.68	435.00	295.80
	Man Mulia	Each	3.20	345.00	1104.00
	Woman Mulia	Each	1.40	345.00	483.00
					1882.80
- 8	c) Overhead charges @ 7.5% on (a+b)		7.5%	4618.66	346.40
	d) Contracor's Profit @ 7.5% on (a+b)		7.5%	4618.66	346.40
3	e) Carriage & Royalty				
	12mm size H.G.C.B metal	Cum	0.96	810.51	778.09
	Sand (screened & washed)	Cum	0.48	755.26	362.52
	Cement	Qnti	1.72	30.73	52.86
	our and a second a				1193.47
	Rate per Cum = a+b+c+d+e				6504.93
	Add towards Labour Cess @ 1%		1%	6504.93	65.05
	Add Dwards Labour Cess @ 176		110	0004.00	6569.98
				Say	6570.00
	DDUC stars seconds 1.6 is foundation 8 plints including			day	0370.00
	RRHG stone masonery 1:6 in foundation & plinth including				
	cost of all materials, labour, T&P, etc. complete. (As per				
	A.R. 75/3)				
	a) Materials	Cum	1.00	221.83	221.83
	RR stone		1.40 (1.00 (1		
	Sand	Cum	0.34	66.23	22.52
33	Cement	Qtl	0.815	674.00	549.38
	700 W				793.73
	b) Labour				
	Mason 1st class	Each	0.35	495.00	173.25
	Mason 2nd class	Each	1.41	435.00	613.35
Ś	Man and woman mulia	Each	3.17	345.00	1093.65
					1880.25
					2673.98
	c) Overhead charges @ 7.5% on (a+b)		7.5%	2673.98	200.55
- 3	d) Contracor's Profit @ 7.5% on (a+b)		7.5%	2673.98	200.55
- 3	e) Lead & Rayality of				
	RR stone	Cum	1.00	552.47	552.47
	Sand	Cum	0.34	755.26	89.72
	Cement	Qntl	0.8151	30.73	13.18
	outlier.	200000000	2025/21	0.0000000000000000000000000000000000000	655.37
83	Rate per Cum = a+b+c+d+e			Rs.	3730.45
	Add towards Labour Cess @ 1%		1%	3730.45	37.30
- 3	Add theards candil Oess & 176		1.00	Rs	3767.75
				Say Rs.	3767.75
	St. and Brigh Manager in Comment Menting (4.6) using bright of size	-		Jay Isa.	3101.13
	Fly ash Brick Masonry in Cement Mortar (1:6) using bricks of size				
	(23 Cm. x 11 Cm. x BCm.) in foundation and plinth				
	Unit = Cum (A/R 2006-Page No-71 item-3)				
8	Taking output = 1 cum				
3	a) Materials				
	Bricks	1000	400.00	4554.88	1821.95
	Sand (screened & washed)	Cum	0.28	66.23	18.54
	Cement	Qnti	0.672	674.00	452.93
	Controlle				
	Concin				2293.42
3	b) Labour				2293.42

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Mason 2nd class	Each	1.05	435.00	456.75
	Man Mulia	Each	1.55	345.00	534.75
	Woman Mulia	Each	1.41	345.00	486.45
					1651.20
c)	Overhead charges @ 7.5% on (a+b)		7.5%	3944.62	295.85
d)	Contracor's Profit @ 7.5% on (a+b)		7.5%	3944.62	295.85
e)	Carriage & Royalty				
	Bricks	1000	400	926.92	370.77
	Sand (screened & washed)	Cum	0.28	755.26	211.47
	Cement	Qntl	0.672	30.73	20.65
					602.89
R	ate per Cum = a+b+c+d+e				5139.21
	dd towards Labour Cess @ 1%		1%	5139.21	51.39
	S to to to to to to to to to to to to to		78.55	AN (7-110)	5190.60
				Say	5190.60
IAL F	or Superstructure Brick(1:6)				
7	ate as above				5190.60
2.23	dd extra towards Labour & scaffolding charges				33.00
			7.5%	33.00	2.48
	verhead Charges on extra labour ontractor's Profit		7.5%	33.00	2.48
6.33				- 37.95	0.38
AC	dd towards extra Labour Cess @ 1%		1%	31,80	
				0	5228.93
				Say	5228.90
	or First Floor Brick(1:6)				5000.00
0.000	ate as above		12235	8055720	5228.93
4,540	fd extra Labour		15%	1651.20	247.68
	verhead Charges on extra labour		7.5%	247.68	18.58
0.000	ontractor's Profit		7.5%	247.68	18.58
Ac	id towards extra Labour Cess @ 1%		1%	284.83	2.85
					5516.61
				Say	5516.60
	gid and smooth centering & shuttering for R.C.C. works				
in	cluding false works and dismantling them after casting including				
CC	st of materials complete (Gr Floor)			19.	
0	R.C.C. floor and roof slabs, landings, balconies, projecting sun shades				
an	d chajjas upto 4.3m height				
Ur	nit = sqm (A/R 2006-Page No-53 item-10)				
Ta	king output = 9 sqm				
a)	Materials				
0.119	Non sal wood scantling	Cum	0.112	58374.79	6537.98
	Planks 38mm	Cum	0.340	58374.79	19847.43
	120mm dia sal bullah	Mtr	56.00	51.87	2904.72
	Carriage of wood	Cum	1.142	198.30	226.45
	daningo ar risos				29516.58
C	binsidering 10 times use of the materials, for use once	For 1 tir	ne cost		2951.66
b)		1011	110 0001		2501.00
U		Each	2.75	435.00	1196.25
	Carpenter 2nd class	Each	2.75	385.00	1058.75
	Semi skilled Muliua	COUL	2.10	200.00	2255.00
0.74	Academic A Tev as facts		7.50	FORE OF	
c)			7.5%	5206.66	390.50
d)			7.5%	5206.66	390.50
	ate per 9Sqm = a+b+c+d				5987.66
	ite per Sqm = (a+b+c+d)/9			1212115	665.30
Ac	ld towards Labour Cess @ 1%		1%	665.30	6.65
					671.95
				Say	671.90

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
(A)	For First Floor				
	Rate as above				671.95
	Add extra		20%	671.95	134.39
					806.34
				Say	806.30
	ii) R.C.C. stairs excluding landing but including railing				
	Unit = sqm (A/R 2006-Page No-53 item-10)				
	Taking output = 5 sqm				
	a) Materials				
	Non sal wood 38mm thick planks	Cum	0.228	58374.79	13309.45
	Non sal wood scantling	Cum	0.039	58374.79	2276.62
	120mm dia non sal bullah	Mtr	6.500	41.81	271.77
	Carriage of wood	Cum	0.350	198.30	69.40
					15927.24
	Coinsidering 10 times use of the materials, for use once	For 1 ti	me cost		1592.72
	b) Labour				
	Carpenter 2nd class	Each	2.75	435.00	1196.25
	Semi skilled Muliua	Each	2.75	385.00	1058.75
					2255.00
	 Overhead charges @ 7.5% on (a+b) 		7.5%	3847.72	288.58
	d) Contracor's Profit @ 7.5% on (a+b)		7.5%	3847.72	288.58
19	Rate per 5Sqm = a+b+c+d				4424.88
- 3	Rate per Sqm = (a+b+c+d)/5				884.98
	Add towards Labour Cess @ 1%		1%	884.98	8.85
					893.83
				Say	893.80
(A)	For First Floor				
	Rate as above				893.83
1	Add extra		20%	893.83	178.77
				1000	1072.59
				Say	1072.60
i	iii) R.C.C. foundation, plinth band and footings bases of columns, mass				
	concrete pre-cast slabs etc				
1	Unit = sqm (A/R 2006-Page No-54 item-10)				
	Taking output = 10 sqm			790	
3	a) Materials				
	25mm thick non sal planks	Cum	0.267	58374.79	15586.07
	Non-sal bullah 80mm dia for strutting	Mtr	12.600	30.81	388 21
	Carriage of wood	Cum	0.3284	198.30	65.12
					16039.40
(Coinsidering 10 times use of the materials, for use once		For 1 ti	me cost	1603.94
	b) Labour				
	Carpenter 2nd class	Each	0.50	435.00	217.50
	Semi skilled Muliua	Each	0.50	385.00	192.50
					410.00
	c) Overhead charges @ 7.5% on (a+b)		7.5%	2013.94	151.05
	d) = Contracor's Profit @ 7.5% on (a+b)		7.5%	2013.94	151.05
	Rate per 10Sqm = a+b+c+d		333.538	2000000	2316.03
	Rate per Sqm = (a+b+c+d)/10				231.60
F	Add towards Labour Cess @ 1%		1%	231.60	2.32
					233.92
				Sav	
1				Say	233.90
(A) F	For First Floor			Say	233.90
(A) F			20%	Say 233.92	

SI. No. Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
iv) R.C.C. beams, column, grider and bressmer, e	tc.		Say	280.70
Unit = sqm (A/R 2006-Page No-54 item-10)				
Taking output = 4.2 sqm				
a) Materials				
38mm thick non sal planks	Cum	0.218	58374.79	12725.70
120mm dia sai bullah	Mtr	15.200	51.87	788.42
80mm dia sal bullah for bracing	Mtr	8.000	51.87	414.96
Carriage of wood	Cum	0.456	198.30	90.42
A		_		14019.51
Coinsidering 10 times use of the materials, for use or	ice	For 1	time cost	1401.95
b) Labour	Foot	0.70	100.00	274224
Carpenter 2nd class Semi skilled Muliua	Each	2.75	435.00	1196.25
Semi skilled Mulida	Each	2.75	385.00	1058.75
c) Overhead charges @ 7.5% on (a+b)		7.5%	3656.95	2255.00 274.27
d) Contracor's Profit @ 7.5% on (a+b)		7.5%	3656.95	274.27
Rate per 4.2Sqm = a+b+c+d		1,0,0	3030.30	4205.49
Rate per Sqm = (a+b+c+d)/4.2				1001.31
Add towards Labour Cess @ 1%		1%	1001.31	10.01
1000 000 000 000 000 000 000 000 000 00		****		1011.32
			Say	1011.30
(A) For First Floor				05.79055
Rate as above				1011.32
Add extra		20%	1011.32	202.26
				1213.59
			Say	1213.60
v) R.C.C. Lintels (A/R 2006-Page No-54 item-10)				
Unit = sqm				
Taking output = 7.8 sqm				
a) Materials				
38mm thick non sal planks	Cum	0.413	58374.79	24108.79
120mm dia non sal bullah	Mtr	21.000	41.81	878.01
Carriage of wood	Cum	0.689	198.30	136.63
		PO-02/92		25123.42
Coinsidering 10 times use of the materials, for use on	ce For 1 tim	e cost		2512.34
b) Labour	Fresh	1.00	105.00	F40.70
Carpenter 2nd class	Each	1.25	435.00	543.75
Semi skilled Mullua	Each	1.25	385.00	481.25
				1025.00
c) Overhead charges @ 7.5% on (a+b)		7.5%	3537.34	265.30
d) Contracor's Profit @ 7.5% on (a+b)		7.5%	3537.34	265.30
Rate per 7.8Sqm = a+b+c+d		1.20	3331,04	4067.94
Rate per Sqm = (a+b+c+d)/7.8				521.53
Add towards Labour Cess @ 1%	-	1%	521.53	5.22
		17.3%	02.100	526.75
			Say	526.75
(A) For First Floor				
Rate as above				526.75
Add extra		20%	526.75	105.35
				632.10
			Say	632.10
vi)R.C.C. Walls and fins (A/R 2006-Page No-55	item-10)		1000	100000000
Unit = sqm	CAMPAGATA			
Taking output = 23.9 sqm				

SI.		Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	a)	Materials			, , ,	
		38mm thick non sal planks	Cum	0.954	58374.79	55689.55
		Non sal wood scantling	Cum	0.269	58374.79	15702.82
		120mm dia non sal bullah	Mtr	100.800	41.81	4214.45
	3	Carriage of wood	Cum	2.461	198.30	488.01
						76094.82
	Coi b)	insidering 10 times use of the materials, for use once Labour	For 1 time of	ost		7609.48
		Carpenter 2nd class	Each	13.50	435.00	5872.50
		Semi skilled Muliua	Each	13.50	385.00	5197.50
						11070.00
	c)	Overhead charges @ 7.5% on (a+b)		7.5%	18679.48	1400.96
	d)	Contracor's Profit @ 7.5% on (a+b)		7.5%	18679.48	1400.96
	Rat	e per 23.9Sgm = a+b+c+d				21481.40
		te per Sqm = (a+b+c+d)/23.9				898.80
		towards Labour Cess @ 1%		1%	898.80	8.99
				100	200000	907.79
					Say	907.79
(A)	For	First Floor				*****
No. 24	000	e as above				907.79
		extra		20%	907.79	181.56
	2100	. 30.44		20.0	007,10	1089.35
					Say	1089.30
8	RC	.C. work of M-20 grade with 20mm and down grade blad	k hard		227	1000.00
		nite (crusher broken) stone chips including hoisting and				
	Uni	t = cum (A/R 2006-Page No-50 item-4)				
		ring output = 15 cum				
	a)	Materials				
	-4	20mm size H.G.C.B chips	Cum	8.10	1382.29	11196.55
	53	10mm size H.G.C.B chips	Cum	5.40	1407.77	7601.96
		Sand (screened & washed)	Cum	6.75	66.23	447.05
		Cement	MT	5.21	6740.00	35115.40
		General	100	0.4.6	0740.00	54360.96
	b)	Labour			16	24300,50
	-	Mate	Each	0.86	385.00	331.10
		Mason 2nd class	Each	1.50	435.00	652.50
		Woman Mulia	Each	20.00	345.00	6900.00
		VVOINGIT Mulia	Coult	20.00	340.00	7883.60
	-	Machinery				7003.00
	C)	Concrete Mixer (cap. 0.40/0.28 cum)	Hour	6.00	229.55	1377.30
		Control of the Contro				
		Generator 33 kva	Hour	6.00	700.00	4200.00
	40	Overhead shares @ 7.5% on (ash sa)		7.500	07004.00	5577.30
	d)	Overhead charges @ 7.5% on (a+b+c)		7.5%	67821.86	5086.64
	e)	Contracor's Profit @ 7.5% on (a+b+c)	14.00	7.5%	67821.86	5086.64
	f)	Carriage & Royalty	200.00	20220	11202120	72000100
		20mm size H.G.C.B chips	Cum	B.10	810.51	6565.13
		10mm size H.G.C.B chips	Cum	5.40	810.51	4376.75
		Sand (screened & washed)	Cum	6.75	755.26	5098.01
		Cement	MT	5.21	89.50	466.30
						16506.19
		e per 15 Cum = a+b+c+d+e+f				94501.32
	Rati	e per Cum = (a+b+c+d+e+f)/15				6300.09
	0.44	towards Labour Cess @ 1%		1%	6300.09	63.00
	nuu	TOTAL DE LEGICIE GODO IN TOTAL			- TO TO TO TO TO TO TO TO TO TO TO TO TO	00.00
	nuu	TOTAL ELECTRIC GOOD IN THE		9000	H.0011760=	6363.09

SI.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
-	For First Floor R.C.C M-20				/ arrest site
	Rate as above				6363.09
	Add extra Labour		15%	525.57	78.8
	Overhead Charges on extra labour		7.5%	78.84	5.9
	Contractor's Profit		7.5%	78.84	5.9
	Add towards extra Labour Cess @ 1%		1%	90.66	0.9
				83	6454.66
				Say	6454.70
a	R.C.C. work of M-20 grade Column Footing / Pile cap / Raft				
	Unit = cum				2202.00
	Rate as above	0	4.50	222.00	6363.09
	Add towards Centering & Shuttering	Sqm	1.50	233.92	350.8
				0	6713.97
	0.00			Say	6714.0
þ	R.C.C. work of M-20 grade Plinth Beam				
	Unit = cum				
	Rate as above	6	F 00	202.00	6363.09
	Add towards Centering & Shuttering	Sqm	5.00	233.92	1169.60
					7532.68
23				Say	7532.70
C	R.C.C. work of M-20 grade Column & Beam in Ground Floor				
	W. W			1.0	
	Unit = cum				20000 00
	Rate as above	0	0.00	4044.00	6363.09
	Add towards Centering & Shuttering	Sqm	8.00	1011.32	8090.57
				•	14453 66
				Say	14453.70
	For First Floor Column , Beam				0.000.00
	Rate as above	Carre	0.00	4045.50	6454.66
	Add towards Centering & Shuttering	Sqm	8.00	1213.59	9708.68
				C.	16163.34
	D.C.C. conductivity 20 and a Habilia Consul Street			Say	16163.30
a	R.C.C. work of M-20 grade Lintel in Ground Floor				
	Unit = cum Rate as above				0202.00
		Cam	14.00	526.75	6363.09
	Add towards Centering & Shuttering	Sqm	.14.00	220.13	7374 45 13737 54
				Cour	13737.50
	For First Floor Lintel			Say	13/3/.00
	Rate as above				6454.66
	Add towards Centering & Shuttering	Sgm	14.00	632.10	8849.34
	Not lowards devicering a Strattering	aqin	14.00	092.10	15304.00
				Say	15304.00
0	R.C.C. work of M-20 grade Chajja (65 mm av. Thick) in Ground Floor			Say	15504.00
u	N.C.C. WORK OF REZU GRADE Chajja (65 min av. Trick) in Ground Froot				
	Unit = Sqm				
	Rate as above	Cum	0.065	6363.09	413.60
	Add towards Centering & Shuttering	Sqm	1.10	671.95	739.14
	not total as deliciting a citationing	oqui	1,10	071.00	1152.74
				Say	1152.70
	For First Floor Chajja			Say	1132.70
	Rate as above	Cum	0.065	6454.66	419.55
	Add towards Centering & Shuttering	Sqm	1.10	806.34	886.97
	nos saratos demoning a difutienting	oqui	1.10	000.34	1306.52
				Say	1306.50

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Unit = cum			78	V SUSSIEV
	Rate as above	090000	20.00	110000000000000000000000000000000000000	6363.09
	Add towards Centering & Shuttering	Sqm	10.00	671.95	6719.48
				302300	13082.57
				Say	13082.6
	For First Floor Roof Slab Rate as above				6454.66
		Sqm	10.00	806.34	8063.38
	Add towards Centering & Shuttering	adm	10.00	000.34	14518.03
				Say	14518.0
q	R.C.C. work of M-20 grade Stair Case in Ground Floor			-	
-	Unit = cum				
	Rate as above				6363.09
	Add towards Centering & Shuttering	Sqm	9.00	893.83	8044.4
					14407.53
				Say	14407.5
	For First Floor Stair Case				1000000
	Rate as above	52000		2000000	6454.66
	Add towards Centering & Shuttering	Sqm	9.00	1072.59	9653.33
				0	16107.98
	D.C.C. work of M.20 and Chabre 127 E am Thick in Count			Say	16108.0
	R.C.C. work of M-20 grade Shelves (37.5 mm Thick) in Ground Floor			- 1	
	Unit = Sqm				
	Rate as above	Cum	0.0375	6363.09	238.62
	Add towards Centering & Shuttering	Sqm	1,10	671.95	739.1
	roo torrate containing a criationing	oq.ii	1,100	071100	977.76
				Say	977.80
	For First Floor Shelves				
	Rate as above	Cum	0.0375	6454.66	242.05
	Add towards Centering & Shuttering	Sqm	1.10	806.34	886.9
				0020000	1129,02
				Say	1129.00
1	R.C.C. work of M-20 grade Fins(80 mm thick) in Ground Floor				
	Unit = Sqm				
	Rate as above	Cum	0.08	6363.09	509 05
	Add towards Centering & Shuttering	Sqm	2.00	907.79	1815.58
			15000		2324 63
				Say	2324.60
	For First Floor Fins			2222	
	Rate as above	Cum	0.08	6454.66	516.37
	Add towards Centering & Shuttering	Sqm	2.00	1089.35	2178.70
				- 25	2695.07
				Say	2695.10
	Supplying, fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specifications in Ground Floor				
	Unit = Qntl. (A/R 2006-Page No-52 item-9)				
	Taking output = 1MT				
	a) Materials				
	HYSD bars including 5 percent overlaps and wastage	MT	1.05	76981.82	80830.9
	Binding wire	Kg.	8.00	90.10	720.80
	5000 AND 5075754	340			81551.71
	b) Labour				

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Blacksmith Special	Each	3.00	495.00	1485.00
	Man Mulia	Each	8.00	345.00	2760 00
					4414.40
c)	Overhead charges @ 7.5% on (a+b)		7.5%	85966.11	6447.46
d	Contracor's Profit @ 7.5% on (a+b)		7.5%	85966,11	6447.46
e)	Carriage & Royalty				
	HYSO bars including 5 percent overlaps and wastage	MT	1.05	307.32	322.69
				- P. P. Co.	322.69
R	ate per 1 MT = a+b+c+d+e				99183.71
R	ate per 1 Qnt = (a+b+c+d+e)/10				9918.37
	dd towards Labour Cess @ 1%		1%	9918.37	99.18
					10017.56
			Say	10017.56	Qnti
1	or First Floor reinforcement				10017.50
	ate as above		-		10017.56
353	dd extra Labour		5%	441.44	22.07
	verhead Charges on extra labour		7.5%	22.07	1.66
11.7	ontractor's Profit		7.5%	22.07	1.66
A	dd towards extra Labour Cess @ 1%		1%	25.38	0.25
					10043.19
				Say	10043.20
	2mm thick Cement Plaster (1:6) over Brick Masonry finis mooth in Inside	hed			
U	nit = Sqm (A/R 2006-Page No-103 item-4)				
Ta	aking output = 1Sqm				
a)	Materials				
	Sand	Cum	0.015	66.23	0.99
	Cement	Qntl.	0.0358	674.00	24.13
					25.12
b)	Maria (1990) (1990) - Araba (1990)				
	Mason 2nd Class	Each	0.14	435.00	60.90
	Man Mulia	Each	0.07	345 00	24.15
	Woman Mulia	Each	0.05	345.00	17.25
				100	102.30
c)	Overhead charges @ 7.5% on (a+b)		7.5%	127.42	9.56
d)	Contracor's Profit @ 7.5% on (a+b)		7.5%	127.42	9.56
0)	Carriage & Royalty				
	Sand	Cum	0.015	755,26	11.33
	Cement	Qntl.	0.0358	30.73	1.10
					12.43
R	ate per 1 Sqm = a+b+c+d+e				158.97
	dd towards Labour Cess @ 1%		1%	158.97	1.59
					160.55
				Say	160.60
(A) F	or First Floor (12 mm C.P Inside wall)	-		10 10 10 10 10 10 10 10 10 10 10 10 10 1	
7 (()	ate as above				160.55
	dd extra Labour		3%	102.30	3.07
	verhead Charges on extra labour		7.5%	3.07	0.23
	ontractor's Profit		7.5%	3.07	0.23
C	dd towards extra Labour Cess (fil. 1%)		7.5%	3.33	13.044
C	dd towards extra Labour Cess @ 1%		1%	3.53	0.04 164.12
C	dd towards extra Labour Cess @ 1%		176	Say	164.12 164.10

11 16mm thick Cement Plaster (1:6) over Brick Masonry finished smooth in Ground Floor

Unit = Sqm (A/R 2006-Page No-105 item-14)

No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Taking output = 1Sqm				
	a) Materials				
	Sand	Cum	0.018	66.23	1.1
	Cement	Qntl.	0.043	674.00	28.9
					30.1
	b) Labour				
	Mason 2nd Class	Each	0.16	435.00	69.6
	Man Mulia	Each	0.13	345.00	44.8
	Woman Mulia	Each	0.11	345.00	37.95
					152.40
	 Overhead charges @ 7.5% on (a+b) 		7.5%	182.57	13.69
	d) Contracor's Profit @ 7.5% on (a+b)		7.5%	182.57	13.69
	e) Carriage & Royalty				
	Sand	Cum	0.018	755.26	13.59
	Cement	Qntl.	0.043	30.73	1.32
					14.92
	Rate per 1 Sqm = a+b+c+d+e				224.88
	Add towards Labour Cess @ 1%		1%	224.88	2.25
					227.13
				Say	227.10
A)	For First Floor (16 mm C.P INSIDE)				
	Rate as above				227.13
	Add extra Labour		3%	152.40	4.57
	Overhead Charges on extra labour		7.5%	4.57	0.34
	Contractor's Profit		7.5%	4.57	0.34
	Add towards extra Labour Cess @ 1%		1%	5.26	0.05
	50. C. C. 1986 9 4 5 1 5 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5			00000	232.44
				Say	232.40
26	Priming one coat with approved Water Bound Wall cement Prin	ner on		77.	
	Plastered Surface in Ground Floor				
	Unit = Sqm (A/R 2006-Page No-93 item-1)				
	Taking output = 9.3Sqm				
	a) Labour				
	Painter Special	Each	0.50	495.00	247.50
	Man Mulia	Each	0.50	345.00	172.50
	TO A STATE OF THE			-	420.00
	Add towards cost of Water Bound Wall Cement Primer	Ltr	0.780	159.03	124.04
	b) Overhead charges @ 7.5% on (a)	9,777	7.5%	544.04	40.80
	c) Contractor's Profit @ 7.5% on (a)		7.5%	544.04	40.80
	Rate per 9.3 Sqm = a+b+c		1.0000	011101	625.65
	Rate per 1 Sqm = (a+b+c)/9.3				67.27
					67.27
	The State Control of the Control of		196	67 27	0.67
	Add towards Labour Cess @ 1%		1%	67.27	0.67 67 95
	The State Control of the Control of		1%	-	67.95
	Add towards Labour Cess @ 1%	~	1%	67.27 _ Say	67.95
	Add towards Labour Cess @ 1%	~	1%	-	
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface		1%	-	67.95 67.90
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface Rate as above	~		Say	67.95 67.90
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface Rate as above Add extra Labour		3%	Say 45.16	67.95 67.90 67.95 1.35
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface Rate as above Add extra Labour Overhead Charges on extra labour		3% 7.5%	Say 45.16 1.35	67.95 67.90 67.95 1.35 0.10
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface Rate as above Add extra Labour Overhead Charges on extra labour Contractor's Profit		3% 7.5% 7.5%	45 16 1.35 1.35	67.95 67.90 67.95 1.35 0.10 0.10
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface Rate as above Add extra Labour Overhead Charges on extra labour		3% 7.5%	Say 45.16 1.35	67.95 67.90 67.95 1.35 0.10 0.10
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface Rate as above Add extra Labour Overhead Charges on extra labour Contractor's Profit Add towards extra Labour Cess @ 1%		3% 7.5% 7.5%	45.16 1.35 1.35 1.56	67.95 67.90 67.95 1.35 0.10 0.10 0.02 69.52
A)	Add towards Labour Cess @ 1% Inside Walls For First Floor one coat Primer on Plastered Surface Rate as above Add extra Labour Overhead Charges on extra labour Contractor's Profit		3% 7.5% 7.5%	45 16 1.35 1.35	67.95 67.90 67.95 1.35 0.10 0.10

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Rate as above				67.95
	Add extra Labour		5%	45.16	2.28
	Overhead Charges on extra labour		7.5%	2.26	0.17
	Contractor's Profit		7.5%	2.26	0.17
	Add towards extra Labour Cess @ 1%		1%	2.60	0.03
				1000000	70.57
	Outside Walls			Say	70.60
27	Wall Painting two coats with approved Plastic Emulsion Paint in				
	Ground Floor.				
	Unit = Sqm (A/R 2006-Page No-99 item-20)				
	Taking output = 10Sqm				
	a) Labour				
	Painter Special	Each	0.54	495.00	267.30
	Man Mulia	Each	0.64	345.00	220.80
					488.10
	Add towrds cost of Plastic Emulsion Paint	Ltr	1.250	249.34	311.68
	b) Overhead charges @ 7.5% on (a)		7.5%	799.78	59.98
	c) Contractor's Profit @ 7.5% on (a)		7.5%	799.78	59.98
	Rate per 10 Sgm = a+b+c			.000000	919.74
	Rate per 1 Sqm = (a+b+c)/10				91,97
	ACACCA-2007312-07104-00-00-00-00-00-00-00-00-00-00-00-00-0				91.97
	Add towards Labour Cess @ 1%		1%	91.97	0.92
	**************************************			-	92.89
				Say	92.90
A)	For First Floor (INSIDE) two coats Plastic Emulsion Paint				08.00
16	Rate as above				92.89
	Add extra Labour		3%	48.81	1.46
	Overhead Charges on extra labour		7.5%	1.46	0.11
	Contractor's Profit		7.5%	1.46	0.11
	Add towards extra Labour Cess @ 1%		1%	1.68	0.02
	The lowered bring Edibor bess (g. 176		1,79	1.00	94.59
				Say	94.60
0	Painting two coats with any approved colour of weather seal coat to			Say	34.00
	out side surface of wall in Ground Floor				
	Unit = Sqm (A/R 2006-Page No-99 item-20)				
	Taking output = 10Sqm				
	a) Labour				
82	Painter Special	Each	0.54	495.00	267.30
	Man Mulia	Each	0.64	345.00	179.20
	man mula	Each	0.04	345.00	-
	Add towards cost of Weather Seal Coat	100	* 000	404.70	446.50
		Ltr	1.250	194.79	243.49
	b) Overhead charges @ 7.5% on (a)		7.5%	689.99	51.75
	c) Contractor's Profit @ 7.5% on (a)		7.5%	689.99	51.75
	Rate per 10 Sqm = a+b+c				793.49
	Rate per 1 Sqm = (a+b+c)/10	-			79.35
	VVIII - 57978		5007	4	79.35
7	Add towards Labour Cess @ 1%		1%	79.35	0.79
					80.14
	The state of the s			Say	80.10
	For First Floor Weather seal coat 2 coats				
- 3	Rate as above				80.14
	Add extra Labour		5%	44.65	2.23
	Overhead Charges on extra labour		7.5%	2.23	0.17
	Contractor's Profit		7.5%	2.23	0.17
	Add towards extra Labour Cess @ 1%		1%	2.57	0.03
1	the same as annothing source. Asked 🚭				

SI.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
				Say	82.70
32	Supplying, fitting & fixing of 10 mm thick & size of 600x600 mm Glazed Vitrified floor tiles (GVT) of matt finish(WOODEN FINISH/RUSTIC FINISH) with veilcraft (VC) shield(Scratch free/stain free) with water absorption limit between 0.08% to 3%				
	and conforming to IS: 15622:2006 (Group B lb), laid on 20 mm thick cement mortar (1:4) (1 cement: 4 course sand) and filling joints with white cement of approved quality including cost of all materials, labour T&P etc. required for the work all complete as per				
	direction of the Engineer-in-charge (for New Work only)				
	Unit = Sqm (S/R 2012- Other Building Item-1(B)				
	Taking output = 10Sqm				
	a) Materials		40.000	F74.0F	F740 F
	600x600 mm Vitrified Tiles	Sqm	10.000	571.65	5716.50
	Sand	Cum	0.210	66.23	13.91
	Cement	Qntl_	0.744	674.00	501.46
	Cement for slurry	Qntl.	0.330	674.00	222.42
	White Cement	Qntl.	0,076	2017.18	153.31
	b) Labour				0001,33
	Mason Special	Each	2.16	495.00	1069.20
	Man Mulia	Each	2.16	345.00	745.20
				200000	1814.40
	c) Overhead charges @ 7.5% on (a+b)		7.5%	8421.99	631.65
	d) Contractor's Profit @ 7.5% on (a+b)		7.5%	8421.99	631.65
	e) Carriage & Royalty				
	600x600 mm Vitrified Tiles	Sqm	10,000	11.24	112.35
	Sand	Cum	0.210	755.26	158.60
	Cement	Qntl.	0.744	30.73	22.86
	Cement for slurry	Qntl.	0.330	30.73	10.14
	White Cement	Qntl.	0.076	30.73	2,34
					306.30
	Rate per 10 Sqm = a+b+c+d+e				9991.58
	Rate per 1 Sqm =(a+b+c+d+e)/10				999.16
	Add towards Labour Cess @ 1%		1%	999.18	9.99
	7.0				1009.15
				Say	1009.15
4	For First Floor				20000000
	Rate as above				1009.15
	Add extra Labour		5%	181.44	9.07
	Overhead Charges on extra labour		7.5%	9.07	0.68
	Contractor's Profit		7.5%	9.07	0.68
	Add towards extra Labour Cess @ 1%		1%	10.43	0.10
					1019.69
22	Complete States & States of AS was think & nine of 200,200 mm			Say	1019.70
	Supplying, fitting & fixing of 10 mm thick & size of 300x300 mm Geramic floor tiles of matt finish laid on 20 mm thick cement mortar (1:4) (1 cement : 4 course sand) and filling joints with white cement of approved quality including cost of all materials, labour I'&P etc. required for the work all complete as per direction of the				
	Engineer-in-charge (for New Work only)				
	Taking output = 10Sqm				
	a) Materials				
		Sqm	10.000	314.96	3149.60
	3UUX3UU mm Ceramic Tiles		100 100 100 100		
	300x300 mm Ceramic Tiles Sand	Cum	0.210	66.23	13.91

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Cement for slurry	Onti.	0.330	674.00	222.42
	White Cement	Qntl.	0.076	2017.18	153.31
					4037.99
b)					
	Mason Special	Each	2.16	495.00	1069.20
	Man Mulia	Each	2.16	345.00	745.20
0.94			-		1814,40
c)			7.5%	5852.39	438.93
d)			7.5%	5852.39	438.93
e)	Carriage & Royalty 600x600 mm Vitrified Tiles	Sqm	10.000	11.24	112.35
		Cum	0.210	755.26	158.60
	Sand Cement	Qntl.	0.744	30.73	22.86
	Cement for slurry	Qntl.	0.330	30.73	10.14
	White Cement	Qnti.	0.076	30.73	2.34
	White Cement	Gint.	0.070	30.73	306.30
R	ate per 10 Sqm = a+b+c+d+e				7036.55
	ate per 1 Sqm =(a+b+c+d+e)/10				703.65
	dd towards Labour Cess @ 1%		1%	703.65	7.04
	a consist cases only & 17			, , ,	710.69
				Say	710.69
(A) Fo	or First Floor			0.0000	0.000.000
A China	ate as above				710.69
Ac	id extra Labour		5%	181.44	9.07
	verhead Charges on extra labour		7.5%	9.07	0.68
	ontractor's Profit		7.5%	9.07	0.68
Ac	dd towards extra Labour Cess @ 1%		1%	10.43	0.10
					721.23
				Say	721.20
pr 6.3 st cc sh lai	upplying, fitting & fixing of Germ free Ceramic wall tiles of remium grade of size 600x300mm having thickness 6.5mm to 7mm confirming to IS 13753 in dadoes, skirting and risers of eps laid on 12 mm thick cement mortar (1:3) (1 cement : 3 purse sand) jointed with slurry mixed with pigment to match the lades of the tiles etc. complete including cost of all materials, bour T&P etc. required for the work all complete as per direction the Engineer-in-charge				
	nit = Sqm (A/R 2006-Page No-90 item-17)				
	king output = 10Sqm				
a)			*** ****	044.14	grant and
	Germ free Ceramic wall tiles	Sqm Cum	10.000	277.17 66.23	2771.70
	Sand		0.715	674.00	481.91
	Cement	Ontl.	0.660	674.00	444.84
	Cement for slurry	Same	0.000	074.00	3708.38
b)	Labour	100			100,000
170	Mason Special	Each	3.25	495.00	1608.75
	Man Mulia	Each	3.25	345.00	1121.25
	Semiskileed Mulia for rubbing	Each	7.60	320.00	0.00
	The rest of the second			250000000	2730.00
c)	Overhead charges @ 7.5% on (a+b)		7.5%	6438.38	482.88
d)			7.5%	6438.38	482.88
224	Carriage & Royalty				
e)		0.070 (2.000)	10.000	11.24	112.35
e)	Germ free Ceramic wall tiles	Sqm	10.000		
e)	Germ free Ceramic wall tiles Sand	Cum Qntl	0.150 0.715	755.26 30.73	113.29

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Cement for slurry	Ontl.	0.660	16.17	10.67
	55				258.29
	Rate per 10 Sqm = a+b+c+d+e				7862.43
	Rate per 1 Sqm =(a+b+c+d+e)/10		1727	700.01	766.24
ρ	Add towards Labour Cess @ 1%		1%	766.24	7.66
				Say	773.91 773.90
(A) F	For First Germ free Ceramic wall tiles			50,	
F	Rate as above				773.91
A	Add extra Labour		5%	273.00	13.65
0	Overhead Charges on extra labour		7,5%	13.65	1.02
0	Contractor's Profit		7.5%	13.65	1.02
A	Add towards extra Labour Cess @ 1%		1%	15.70	0.16
					789.76
				Say	789.80
а	Supplying, fitting & fixing of Vertified tiles in dadoes, skirting and risers of steps laid on 12 mm thick cement mortar (1:3) (1				
п	ement : 3 course sand) jointed with slurry mixed with pigment to natch the shades of the tiles etc. complete including cost of all				
	naterials, labour T&P etc. required for the work all complete as per lirection of the Engineer-in-charge				
U	Init = Sqm (A/R 2006-Page No-90 item-17)				
T	aking output = 10Sqm				
а) Materials				
	Vertified wall tiles	Sqm	10.000	571.65	TO THE RESERVE THE PARTY OF THE
	Sand	Cum	0.150	66.23	9.93
	Cement	Qntl.	0.715	674.00	481.91
	Cement for slurry	Qntl.	0.660	674.00	444.84
1	1 Jahren				6653,18
b	** - 3 PM DM DM DM DM DM DM DM	Each	3.25	495.00	1608.75
	Mason Special Man Mulia	Each	3.25	345.00	1121.25
		Each	7.60	320.00	0.00
	Semiskileed Mulia for rubbing	Coon	7.00	320.00	2730.00
C	Overhead charges @ 7.5% on (a+b)		7.5%	9383.18	703.74
d	\$c - 4 FERENCE CONTROL		7.5%	9383.18	703.74
ė	8 - COMPANION SON SON NOTES - A POINT NO				
	Germ free Ceramic wall tiles	Sqm	10.000	11.24	112.35
	Sand	Cum	0.150	755.26	113.29
	Cement	Qntl.	0.715	30.73	21.97
	Cement for slurry	Qnti	0.660	30.73	20.28
	CARRIED CONTROL OF CON			12.05.123	267.90
R	Rate per 10 Sqm = a+b+c+d+e				11058.56
	Rate per 1 Sqm =(a+b+c+d+e)/10				1105.86
	dd towards Labour Cess @ 1%		1%	1105.86	11.06
		-			1116.91
. mareal				Say	1116.90
4 C 4 UV	or First virtified wall tiles				1110.01
	tate as above		200	070.00	1116.91
	dd extra Labour		5%	273.00	13.65
	Overhead Charges on extra labour		7.5%	13.65	1.02
	Contractor's Profit		7.5%	13.65	1.02
A	dd towards extra Labour Cess @ 1%		1%	15.70	0.16
				W-011	1132.77
				Say	1132.80

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Supplying, fitting & fixing of Granite Tiles of minimum 20mm thick				
	and above 0.40 sqm of approved make in floors laid on 20 mm thick				
	cement mortar (1:4) (1 cement : 4 course sand) and filling joints with				
	white cement of approved quality including cost of all materials, labour				
	T&P etc. required for the work all complete as per direction of the				
	Engineer-in-charge (for New Work only)				
- 7	Taking output = 10Sqm				
8	a) Materials				
	Granite Tiles	Sqm	10.000	2098.83	20988.3
	Sand	Cum	0.210	66.23	13.9
	Cement	Ontl.	0.744	674.00	501.4
	Cement for slurry	Onti.	0.330	674.00	222.4
	White Cement	Onti.	0.076	2017.18	153.3
- 2	W 19.1			7779 574-2246	21879.3
b	h) Labour Mason Special	Each	2.16	495.00	1069.2
	Man Mulia	Each	2.16	345.00	745.2
	regel mulip	Eduli	2,10	340.00	1814.4
	Ourstand shares 9.75% on (sub)		7 50	22002 70	
	Overhead charges @ 7.5% on (a+b)		7.5%	23693.79	1777.0
	i) Contractor's Profit @ 7.5% on (a+b)		7.5%	23693.79	1777.00
•	Carriage & Royalty	0.00	40.000		440.0
	Granite Tiles	Sqm	10.000	11.24	112.3
	Sand	Cum	0.210	755.26	158.6
	Cement	Qntl.	0.744	30.73	22.8
	Cement for slurry	Qntl.	0,330	30.73	10.1
	White Cement	Qntl.	0.076	30.73	306.3
F	Rate per 10 Sqm = a+b+c+d+e				27554.15
	Rate per 1 Sqm =(a+b+c+d+e)/10				2755.42
	Add towards Labour Cess @ 1%		1%	2755.42	27.58
10.3	and defined about the Control				2782.97
				Say	2782.97
A) F	For First Floor				
F	Rate as above				2782.97
A	Add extra Labour		5%	181.44	9.0
C	Overhead Charges on extra labour		7.5%	9.07	0.68
C	Contractor's Profit		7.5%	9.07	0.68
A	Add towards extra Labour Cess @ 1%		1%	10.43	0.10
					2793.51
				Say	2793.50
9 S	Supplying, fitting & fixing of Granite Tiles of minimum 20mm thick			25000	
	and above 0.40 sqm of approved make in floors laid on 20 mm				
	hick cement mortar (1:4) (1 cement : 4 course sand) and				
	illing joints with slurry including cost of all materials, labour T&P				
	tc. required for the work all complete incl. rubbing as per				
	lirection of the Engineer-in-charge	190			
	Jnit = Sqm(S/R 2012- Other Building item-1(B)				
	aking output = 10Sqm				
8	Materials	Com	10.000	4845.07	ADADO N
	Granite tiles	Sqm	10.000	1645.67	16456.70
	Sand	Cum	0.210	66.23	13.9
			0.744	674.00	501.46
	Cement	Qnti.	0.744		
	Cement for slurry	Qntl.	0.330	674.00	222 42
					222 42 51 22 17245.71

Vo.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
7	Mason Special	Each	2.16	495.00	1069.20
	Semi Skilled Mulia for rubbing	Each	5.50	385.00	2117.50
	Man Mulia	Each	2.16	345.00	745.20
				9000000	3931.90
c)	Overhead charges @ 7.5% on (a+b)		7.5%	21177.61	1588.33
d)	TO		7.5%	21177.61	1588.33
e)	4 C				
,	Chequered tiles	Sgm	10.000	11.24	112.35
	Sand	Cum	0.210	755.26	158.60
	Cement	Qntl.	0.744	30.73	22.8
	Cement for slurry	Qntl.	0.330	30.73	10.1
	Cement for grouting	Qntl	0.076	30.73	2.3
	General tel growing	-	4.0.0	2000	306.30
D	ate per 10 Sqm = a+b+c+d+e				24660.55
	FO - 18, FO FO - 10, FO FO FO FO FO FO FO FO FO FO FO FO FO				2466.0
	ate per 1 Sqm =(a+b+c+d+e)/10		400	2466.05	24.68
PA	dd towards Labour Cess @ 1%		1%	2400.05	
					2490.72
				Say	2490.77
0.00	or First Floor				2100 70
	ate as above		8223	72223733	2490.72
	dd extra Labour		5%	393.19	19.66
	verhead Charges on extra labour		7.5%	19.66	1.47
C	ontractor's Profit		7.5%	19.66	1.47
A	dd towards extra Labour Cess @ 1%		1%	22.61	0.23
					2513.55
				Say	2513.50
2000	Ground Floor				
	nit = Sqm (A/R 2006-Page No-47 item-17) aking output = 1 Sqm) Materials				
Ta	aking output = 1 Sqm	Cum	0.0169	813.91	13.76
Ta	aking output = 1 Sqm) Materials	Cum Cum	0.0169 0.0169	813.91 66.23	
Ta	aking output = 1 Sqm) Materials 4.7 mm size hard granite C.B chips				1.12
Ta	aking output = 1 Sqm) Materials 4.7 mm size hard granite C.B chips Sand	Cum	0.0169	66.23	1.12 B1.42
Ta	aking output = 1 Sqm) Materials 4.7 mm size hard granite C.B chips Sand Cement	Cum	0.0169	66.23	1.12 B1.42
Ta a)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour	Cum	0.0169	66.23	1.12 81.42 96.29
Ta a)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special	Cum Qntl.	0.0169 0.1208	66.23 674.00	1.12 81.42 96.29 49.50
Ta a)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour	Cum Qntl. Each	0.0169 0.1208 0.10	66.23 674.00 495.00	1.12 81.42 96.29 49.50 124.20
Ta a) b)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia	Cum Qntl. Each	0.0169 0.1208 0.10 0.36	66.23 674.00 495.00	1.12 81.42 96.29 49.50 124.20
t; a) b)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b)	Cum Qntl. Each	0.0169 0.1208 0.10 0.36 7.5%	66.23 674.00 495.00 345.00 269.99	1.12 81.42 96.29 49.50 124.20 173.70 20.29
(a) b) c)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b)	Cum Qntl. Each	0.0169 0.1208 0.10 0.36	66.23 674.00 496.00 345.00	1.12 81.42 96.29 49.50 124.20 173.70 20.29
t; a) b)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty	Cum Qntl. Each Each	0.0169 0.1208 0.10 0.36 7.5% 7.5%	66.23 674.00 496.00 345.00 269.99 269.99	1.12 81.42 96.29 49.50 124.20 173.70 20.29
(a) b) c)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips	Cum Qntl. Each Each	0.0169 0.1208 0.10 0.36 7.5% 7.5%	66.23 674.00 495.00 345.00 269.99 269.99	1.12 81.42 96.29 49.50 124.20 173.70 20.29 20.29
(a) b) c)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26	1.12 81.42 96.29 49.50 124.20 173.70 20.29 13.70 12.76
(a) (b) (c) (d)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement	Cum Qntl. Each Each	0.0169 0.1208 0.10 0.36 7.5% 7.5%	66.23 674.00 495.00 345.00 269.99 269.99	1.12 81.42 96.29 49.50 124.20 173.70 20.29 13.70 12.76 3.71
b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26	1.12 81.42 96.29 49.50 124.20 173.70 20.29 20.29 13.70 12.76 3.71
b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement ate per 1 Sqm = a+b+c+d+e	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169 0.1208	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26 30.73	1.12 81.42 96.29 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 30.17 340.67
b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26	1.12 81.42 96.25 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 30.17 340.67
to a) b) b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement ate per 1 Sqm = a+b+c+d+e	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169 0.1208	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26 30.73	1.12 81.42 96.25 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 30.17 340.67 3.41
b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement ate per 1 Sqm = a+b+c+d+e dd towards Labour Cess @ 1%	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169 0.1208	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26 30.73	1.12 81.42 96.29 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 30.17 340.67 3.41
b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement ate per 1 Sqm = a+b+c+d+e dd towards Labour Cess @ 1% or First Floor 2.5 cm thick grading concrete (1:2:2)	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169 0.1208	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26 30.73	1.12 81.42 96.25 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 30.17 340.67 3.41 344.07
b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement ate per 1 Sqm = a+b+c+d+e dd towards Labour Cess @ 1% or First Floor 2.5 cm thick grading concrete (1:2:2) ate as above	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169 0.1208	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26 30.73	1.12 81.42 96.29 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 30.17 340.67 3.41 344.07
b) c) d) e)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement ate per 1 Sqm = a+b+c+d+e dd towards Labour Cess @ 1% or First Floor 2.5 cm thick grading concrete (1:2:2) ate as above dd extra Labour	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169 0.1208	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26 30.73 340.67 Say	1.12 81.42 96.29 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 30.17 340.67 3.41 344.07 344.07
b) c) d) e) R: A(A) R: A(O)	aking output = 1 Sqm Materials 4.7 mm size hard granite C.B chips Sand Cement Labour Mason Special Man Mulia Overhead charges @ 7.5% on (a+b) Contracor's Profit @ 7.5% on (a+b) Carriage & Royalty 4.7 mm size hard granite C.B chips Sand Cement ate per 1 Sqm = a+b+c+d+e dd towards Labour Cess @ 1% or First Floor 2.5 cm thick grading concrete (1:2:2) ate as above	Cum Qntl. Each Each Cum Cum	0.0169 0.1208 0.10 0.36 7.5% 7.5% 0.0169 0.0169 0.1208	66.23 674.00 495.00 345.00 269.99 269.99 810.51 755.26 30.73	13.76 1.12 81.42 96.29 49.50 124.20 173.70 20.25 20.25 13.70 12.76 3.71 340.67 3.41 344.07 26.06 1.95

SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
1	Add towards extra Labour Cess @ 1%		1%	29.96	0.30
				Say	374.34 374.30
14 [Dressed seasoned sal wood work framed and fixed (wrought and put			ouy	514.00
	up) in frames of doors, windows & ventilabours				
1	Unit = Cum (A/R 2006-Page No-132 item-2)				
	Taking output = 0.028 Cum				
ě	n) Materials			****	2222772
	Sal wood scanting sawn	Cum	0.028	58374.79	1634.49 1634.49
t	b) Labour				1034,43
	Carpenter Special	Each	0.50	495.00	247.50
	Man Mulia	Each	0.50	345.00	172.50
	a major transfer de la companie de l				420.00
	Overhead charges @ 7.5% on (a+b)		7.5%	2054.49	154.09
	d) Contractor's Profit @ 7.5% on (a+b) c) Carriage of wood @ 169.00/1.25 cum	Com	7.5%	2054.49	154.09
	Carriage of wood @ 169.0011.25 com	Cum	0.028	198.30	5.55 5.55
F	Rate per 0.028 Cum = a+b+c+d+e				2368.22
	Rate per 1 Cum =(a+b+c+d+e)/0.028				84579.30
1	Add towards Labour Cess @ 1%		1%	84579.30	845.79
					85425.10
				Say	85425.10
	2mm piasal wood or local Teak wood panelled shutters moulded panels with all labour, iron fittings, and wooden hinged cleats etc				
	itted and fixed complete in all respect				
	Jnit = Sqm (A/R 2006-Page No-132 item-3)				
	aking output = 1.88 Sqm				
а	n) Materials				
	Piasal wood planks for shutters	Cum	0.06656	48822.41	3249.62
	Wooden hinged cleats	Each	2.00	12.50	25.00
h) Labour				3274.62
	Making Shutters				
	Carpenter Special =2 nos. x Rs. 430.00 =Rs.860.00				
	Helper to Carpenter= 2 nos. x Rs.320.00=Rs.640.00				
	Rs. 1,500.00				
		Sqm	1.88	Rs. 1,560.00	2820.00
	Fixing Shutters	Cook	4.00	105.00	10F 00
	Carpenter 2nd Class Man Mulia	Each Each	1.00	435.00 345.00	435.00 345.00
	West Holes	Lagir	1.00	545.00	780.00
C	Overhead charges @ 7.5% on (a+b)		7.5%	6874.62	515.60
d			7.5%	6874.62	515.60
e	Carriage of wood @ 147.00/1.25 cum	Cum	0.06656	198.30	13.20
102					13.20
	tate per 1.88 Sqm = a+b+c+d+e				7919.01
e	late per 1 Sqm =(a+b+c+d+e)/1.88) Fitting & Fixing of Iron Materials				4212.24
·	Butt Hinzes 75mm	Each	6	6.30	37.80
	Handle 125mm	Each	6 2	22.05	44.09
	Tower Bolt 250mm	Each	2	47.24	94.49
	Aldrop 250mm	Each	2	173.23	346.46
	Screw 12mm x4mm for Hinges 8 Nos.	Each	48	0.26	12.47
	Screw 12mm x 4mm for Tower Bolts 2 Nos.	Each	20	0.26	5.20
	Screw 50mm x 8mm for Aldrop 2 Nos.	Each	32	0.65	20.66

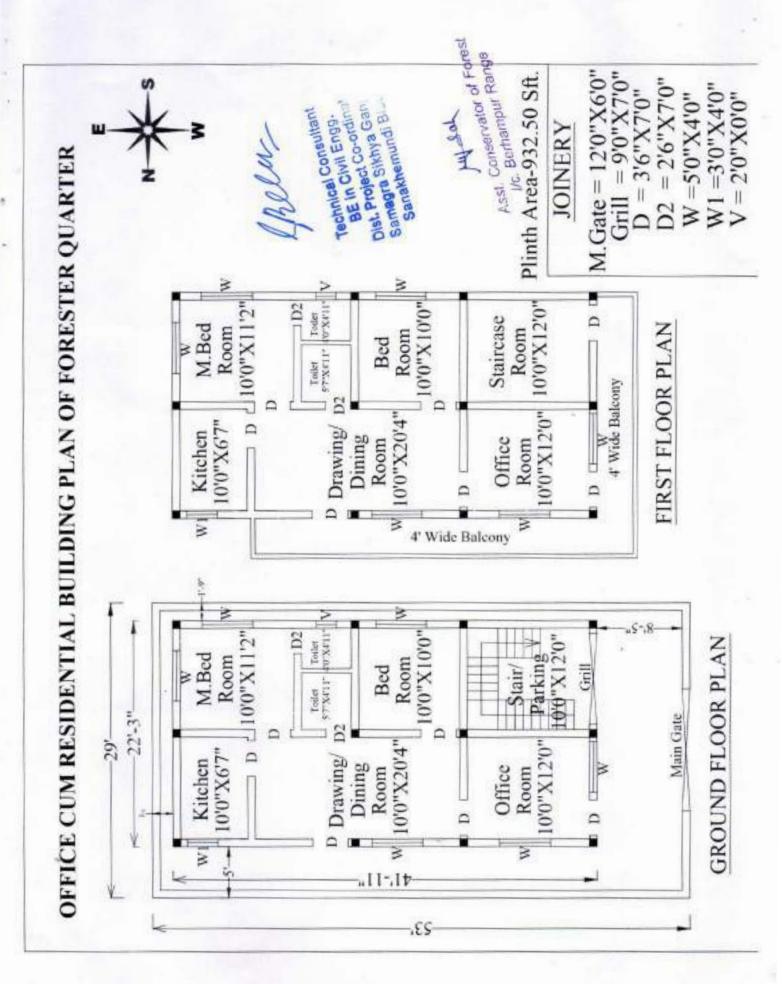
SI. No.	Items of works	Unit	Quantity	Rate(Rs)	Amount(Rs)
	Rate per 1.88 Sqm				561.17 298.49
03	Rate per 1 Sqm Total Rate per 1 Sqm	4212.24	+	298 49	4510.73
	Add towards Labour Cess @ 1%		1%	4510.73	45.11
	AT THE PROPERTY OF THE PROPERT				4555.84
				Say	4555.80

Technical Consultant
BE in Civil Engg.
Dist. Project Co-ordinator
Samagra Sikhya Ganjam
Sanakhemundi Block

Asst. Conservator of Forest Vc. Berhampur Range

F	enene d	Limight Weight Felfs, par State per per Perce ships, a for Ton in Ng the Microsti Nov. 2015 112 4.740 245,00 51247.76 12 7.404 365,00 49.207.68 12 18.924 52.20 48.904.53 12 18.924 52.20 48.904.53 12 18.924 52.20 48.905.33 12 19.550 14.22.00 48.907.33 12.2550 14.22.00 48.907.33 12.2550 14.22.00 48.907.33 12.2550 14.22.00 48.907.33 12.2550 14.22.00 48.907.33 12.2550 14.22.00 48.907.33 12.2550 18.
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5 278.01	278.01 20	278.01 20	275.07 20 254 0	276.01 20 264 0 0	278.01 20 284 0 0	276.01 20 284 0 0 540.01	540 0th 500 0th 540 0th 540 0th 540 0th	S10 00 10 00 00 00 00 00 00 00 00 00 00 0		AL CONTRACTOR OF THE PARTY OF T
	58888	88888	200 2564 0 0 0 0 25644 0 0 0 0 0 25644 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	200 200 200 200 200 200 200 200 200 200	200 2554 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	200 2564 0 0 0 540.01 200 2564 0 0 0 540.01 200 2564 0 0 0 540.01 200 2564 0 0 0 540.01	200 2064 0 0 540.01 1392.28 200 2064 0 0 540.01 1392.28 200 2064 0 0 540.01 1407.77 200 2064 0 0 540.01 1407.77 200 2064 0 0 540.01 813.91	20 254 0 0 540 01 1395 25 130 00 20 250 01 1395 25 130 00 250 01 1395 25 130 00 250 01 1395 25 130 00 250 01 1395 32 130 00 250 01 1407 77 130 00 250 01 1	200 2564 0 0 540 01 1392.28 130.00 13.00 650 200 2564 0 0 540 01 1396.52 130.00 13.00 650 200 2564 0 0 540 01 1407.77 130.00 13.00 650 200 2564 0 0 540 01 1407.77 130.00 13.00 650 200 2564 0 0 540 01 130.00 13.00 650	200 2564 0 0 540.01 1396.52 130.00 13.00 14.00 121.00 20 256 0 0 540.01 1396.52 130.00 13.00 450 121.00 20 256 0 0 0 540.01 1396.52 130.00 13.00 450 121.00 20 256 0 0 0 540.01 1407.77 130.00 13.00 450 121.00 20 256 0 0 0 540.01 143.51 130.00 13.00 450 121.00 256.54 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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0 0 540.01 1382.29 130.00 13.00 0 0 0 540.01 1396.52 130.00 13.00 0 0 0 0 540.01 1396.52 130.00 13.00 0 0 0 540.01 1407.77 130.00 13.00 0 0 540.01 1407.77 130.00 13.00 0 0 540.01 1407.89 130.00 13.00 0 0 540.01 1407.89 130.00 13.00 0 0 540.01 542.58 0 0 0 406.21 388.25 35.00 3.00 0 30.73 2017.18 0 0 0 30.73 2017.18 0 0 0 30.73 2017.18 0 0 0 0 30.73 2017.18	0 540 01 1396 52 130 000 13.00 0 540 01 1396 52 130 000 13.00 0 540 01 1407 77 130 000 13.00 0 540 01 813.91 130 000 13.00 0 966 92 4554 88 0 400 41 386 25 35.00 13.00 0 30 73 574 00 0 30 73 2017 18 0 307 32 76381 62 0 11 24 2085 83 0 11 24 300 20	540 01 1395 28 130 00 1340 540 01 1395 28 130 00 1340 540 01 1407 77 130 00 1340 540 01 1407 77 130 00 1340 550 02 4554 8 404444644 5142 55 406 21 388 26 35 00 340 30 73 674 00 30 73 2017 18 307 32 7658 162 307 32 7658 162 307 32 7658 162 11 24 500 20 11 24 500 20 11 24 500 20 11 24 450 34 14 90 34	1392.28 130.00 13.00 1396.52 130.00 13.00 1396.52 130.00 13.00 813.91 130.00 13.00 8154.88 5142.55 35.00 3.00 674.00 2017.18 76961.62 90.10 88374.79 2018.03 501.03 578.35 590.20 578.35 590.20 578.35 590.20 578.35 590.20 578.35 590.20 578.35 590.20 578.35 590.20 578.35	130,000 13.00 7 130,000 13.00 7 130,000 13.00 130,000 13.00 13,000 13.00 13,000 13.00	3 13.00 13.00 13.00		5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			1922 30 1947 78 1947 78 1947 78 1953 92 5461 30 5361 20 794 47 794 73 794 73 794 73 794 73 794 73 794 73 794 73 797 46 56573 00 2110 07 7116 44 150 03 1946 44 155 08
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				Sub Total:	115870.90
_	Labour				
111	Carpentar 1st Class	day	28	448	12544.00
114	Beldar	day	23	298	6,854.00
	TOTAL			Sub Total:	19,398.00
	The second secon				1,35,268.90
	Add CP&OH @ 15%				20290.34
9999	Carriage of material etc.	L.5.	89.35	2	178.70
	TOTAL				1,55,737.94
	Cost of 100 sqm				1,55,737.94
	Cost of 1 sqm				1557.38
	Add Cess-1%				15.57
	Cost of 1 sqm				1572.9
				Say:	1573.0

Rate Analysis for 12.5 mm thick Gypsum Board false ceiling for 100 SQM

DSR Code 2016	Details of cost for 100 sqm	UNIT	QTY	RATE	AMOUNT	
60	Providing and fixing 12.5 mm thick Gypsum board false ceiling at all heights of					
	cost of 12.5mm thick Gypsum board	SQM	105	135.91	14270.55	
8555	Main runner Silhoutte 38 15x38x3600MM	each	29.5	185	5457.50	
8556	Cross tee Silhoutte 38 15x38x1200MM	each	147	78	11466.00	
8557	Cross tee Silhoutte 38 15x38x600MM	each	147	35	5145.00	
8591	SHADOW MOULDING 19x7x7x14x3600MM	each	13.5	65	877.50	
2	SUSPENSION ACCESSORIES					
8558	GI Pre straightened Wire 2.5Mm Dia 1.8M Length	each	72	26	1872.00	
8619	GI Hook clip with J wire Assembly	each	72	15	1080.00	
8515	GI Anchor Fastner with hnager hole for the wire	each	72	31	2232.00	
8211	40mm long SS screws with plastic rawl pluds	100 nos	1	215	215.00	
9999	Sundries i.e. Scaffolding etc	L.S.	187.95	2	375.90	
				Sub Total:	42991.45	
	Labour					
111	Carpentar 1st Class	day	28	448	12544.00	
114	Beldar	day	23	298	6,854.00	
				Sub Total:	19,398.00	
	TOTAL				62,389.45	
	Add CP&OH @ 15%				9358.42	
9999	Carriage of material etc.	LS.	89.35	2	178.70	
	TOTAL				71,926.57	
	Cost of 100 sqm				71,926.57	
	Cost of 1 sqm				719.27	
	Add Cess-1%				7.19	
	Cost of 1 sqm				726.46	
				Say:	726.50	

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Asst. Conservator of Forest Vc. Berhampur Range

ABSTRACT

OF FORESTER QUARTER (FLYING SQUARD), AT CNG SHED BERHAMPUR

A)	Ground Floor		Rs	1645136.05
	Add for door and window		Rs	70000.00
		Total	Rs.	1715136.05
B)	First Floor		Rs	895596.18
	Add for door and window		Rs	70000.00
		Total	Rs.	965596.18
		G. Total	Rs.	2680732.23
		Or Say	Rs.	2680730.00
C)	Add gst 18%		Rs	482531.00
		Total	Rs.	3163261.00
	Electrification		Rs.	30000.00
	P.H. & Sanitary Works		Rs.	32739.00
		G. Total	Rs.	3226000.00
		Or Say	Rs.	32.26 Laki
		Thirty Two La	ikhs Twe	nty Six Thousand On

Asst. Conservator of Forest Asst. Conservator of Forest I/c- Berhampur Range

SIGN, OF TECHNICAL CONSULTANT

Samagra Certified that The Estimate has been prepared as per the revised GST schedule of Rate of 2017 and Certified that The Estimate has been prepared as per the revised GST schedule of Rate of 2017 and Certified that The Estimate has been prepared as per the revised GST schedule of Rate of 2017 and Certified that The Estimate has been prepared as per the revised GST schedule of Rate of 2017 and Certified that The Estimate has been prepared as per the revised GST schedule of Rate of 2017 and Certified that The Estimate has been prepared as per the revised GST schedule of Rate of 2017 and Certified that The Estimate has been prepared as per the revised GST schedule of Rate of 2017 and Certified that The Estimate has been prepared as per the revised GST schedule of Rate of 2017 and Certified that The Estimate has been prepared as per the revised GST schedule of Rate of 2017 and Certified that The Estimate has been prepared as per the revised GST schedule of Rate of 2017 and Certified that The Estimate has been prepared as per the revised GST schedule of Rate of 2017 and 2017 a

Technical Consultant
BE in Civil Engg.
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Dist. Project Co-ordinator
Samagra Sikhya Ganjam.
Sanakhemundi Block

Assl. Conservator of Forest Vc. Berhampur Range