

GOVERNMENT OF ODISHA
OFFICE OF THE DIVISIONAL FOREST OFFICER, KHARIAR FOREST DIVISION,
KHARIAR

Bid identification No. DFO, KHARIAR - 1F/2021-22

No. **152** Date. **22.07.2021**

1. The DIVISIONAL FOREST OFFICER, KHARIAR FOREST DIVISION, KHARIAR on behalf of Governor of Odisha invites **Percentage Rate bids** in double cover system in **offline mode** for the construction of civil works as detailed in the table, from the class of eligible contractors as mentioned in column-5 (Five) registered with the State Governments and Contractors of equivalent 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.
2. Class of Contractor: As per Column -5 of Annexure.
3. Time for Completion: As per Column-6 of Annexure.
4. Tender Paper Cost : Tender paper cost submitted Online as per Col-7 of Annexure
5. E.M.D. required. : As per the Works Department Memorandum No 8943 dtd 18.03.2021, the bidder must submit “Bid Security Declaration” in lieu of furnishing EMD at the time of submission of Bid as per format enclosed in DTCN.
6. Mode of Submission of tender. : Tender should be submitted through Regd. Post/Speed Post/ Currier Service only.

Tender to be submitted in two separate envelopes as detailed below containing the following:-

Envelop 1:

- a) Earnest Money deposit or Form of Bid Security Declaration in Format enclosed.
- b) Unequivocal acceptance of all the Terms & Conditions & technical specifications of the bidding document in Format “**Declaration by the Tenderer**”
- c) The power of attorney of the person signing above documents.

Envelop 2: The tender document issued to the bidder, with rates duly filled in, signed & stamped in all pages. There should be no condition in this envelope which will otherwise make the bid of the tenderer liable to be cancelled.

7. Period of availability of tenders on websites / Date & time of bidding / Date of opening of tender papers. : The details are as follows.

Procurement Officer	Bid Identification No.	Notification of Tender for bidding		Last Date and time of seeking tender clarification	Date & Time of opening of Bid
		From	To		Technical Bid
1	2	3	4	5	6
Divisional Forest Officer, Khariar Division	152 dt. 22.07.2021	23.07.2021	13.08.2021	13.08.2021	17.08.2021

8. Bid documents consisting of qualification information and eligibility criteria of bidders, plans, specifications, drawings & the schedule of quantities of the various classes of work is available in website www.nuapada.nic.in.

9. The bid for the work shall remain valid for a period of ninety days from the date of opening of bids. If any Bidder / Tenderer withdraws his bid / tender before the said period or makes any modifications in the terms and conditions of the bid, the said earnest money shall stand forfeited and procedure for blacklisting will be initiated.

10. Other details can be seen in the bidding documents, which is available in website www.nuapada.nic.in.

11. Tenderer represented through power of attorney holder should ensure that the power of attorney is duly signed and identified through an affidavit from first class Magistrate containing the photograph of both the license holder and the person to whom the power of attorney is given unless the tender will be considered for rejection.

12. If the office happens to be closed due to subsequent declaration as holidays by Government or local authority on the date of opening as specified above, tenders will be opened on the immediate next working day at the same specified time and venue.

13. The successful tenderer should produce all the original documents within 5 days of receipt of intimation for verification.
14. **Exemption of EMD.** To avail the exemption of EMD, the intending Engineering Contractor are required to produce an affidavit along with the tender paper to the effect that he has not availed the exemption of EMD for 3 (three) works during current financial year.
15. **Performance Security** shall be obtained from the bidders as per Works Department memorandum no 5992 dtd. 27.04.2021 in shape of TDR, POTD, POSB, NSC & KVP and EMD & ISD in shape of POTD, NSC, POSB & KVP pledged in favour of the Divisional Officer, Khariar within seven days of issue to LOA.
16. The Additional Performance Security (APS) shall be obtained from the bidders as per Works Department memorandum no 4559 dtd. 05.04.2021 in shape of TDR, POTD, POSB, NSC & KVP and EMD & ISD pledged in favour of the Divisional Officer within seven days of issue to LOA otherwise the bid shall be cancelled and the EMD shall be forfeited. Further proceeding for blacklisting shall be initiated against bidder.

Works Department Memorandum no 4559 dtd 05.04.2021 (Additional performance Security in case of Abnormally Low Bids (ALBS))

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

17. The rates quoted by the Contractor shall be excluding GST. The GST as applicable for the work contract shall be payable to Contractor on each bill amount.
18. Prevailing rate of GST on the gross amount of the bill will be deducted from the Contractors bill as tax deduction at source (TDS) as per rules.
19. Authority reserves the right to reject any or all the tenders without assigning any reasons thereof.

ANNEXURE

PROCUREMENT OFFICER - KHARIAR FOREST DIVISION, KHARIAR

Sl. No.	Name of Works	Appro. Estimated Cost put of tender excluding GST (Rs. in lakhs)	EMD Required	Class of Contract	Period of Completion	Cost of Tender Paper (In Rs.)
1	2	3	4	5	6	7
1	Construction of Forester Quarter, Ranimunda at Dohelpada in Khariar Range of Khariar Forest Division during the year 2021-22	14.40	Bid Security Declaration to be uploaded	"A", "B", "C" & "D" Class	04(Four) Calendar Months	6000/-
2	Construction of Forester Quarter, Karlakote at Rajapadar in Khariar Range of Khariar Forest Division during the year 2021-22	14.40	Bid Security Declaration to be uploaded	"A", "B", "C" & "D" Class	04 (Four) Calendar Months	6000/-
3	Construction of Forester Quarter, Patdarha at Bhainsadani in Khariar Range of Khariar Forest Division during the year 2021-22	14.40	Bid Security Declaration to be uploaded	"A", "B", "C" & "D" Class	04 (Four) Calendar Months	6000/-
4	Construction of Forester Quarter, Liad in Sinapali Range of Khariar Forest Division during the year 2021-22	14.40	Bid Security Declaration to be uploaded	"A", "B", "C" & "D" Class	04 (Four) Calendar Months	6000/-
5	Construction of Forest Guard Quarter, Hatibandha in Sinapali Range of Khariar Forest Division during the year 2021-22	10.75	Bid Security Declaration to be uploaded	"A", "B", "C" & "D" Class	04 (Four) Calendar Months	5000/-
6	Construction of Forest Guard Quarter, Dhingiamunda in Sinapali Range of Khariar Forest Division during the year 2021-22	10.75	Bid Security Declaration to be uploaded	"A", "B", "C" & "D" Class	04 (Four) Calendar Months	5000/-
7	Construction of Forest Guard Quarter, Chitarama in Sinapali Range of Khariar Forest Division during the year 2021-22	10.75	Bid Security Declaration to be uploaded	"A", "B", "C" & "D" Class	04 (Four) Calendar Months	5000/-
8	Construction of Forest Guard Quarter, Pandripani in Sinapali Range of Khariar Forest Division during the year 2021-22	10.75	Bid Security Declaration to be uploaded	"A", "B", "C" & "D" Class	04 (Four) Calendar Months	5000/-
9	Construction of Forest Guard Quarter, Kopia in Sinapali Range of Khariar Forest Division during the year 2021-22	10.75	Bid Security Declaration to be uploaded	"A", "B", "C" & "D" Class	04 (Four) Calendar Months	5000/-

10	Construction of Forest Guard Quarter, Patdarha North at Bhainsadani in Khariar Range of Khariar Forest Division during the year 2021-22	10.75	Bid Security Declaration to be uploaded	“A”, “B”, “C” & “D” Class	04 (Four) Calendar Months	5000/-
11	Construction of Forest Guard Quarter, Dhobei at Bhainsadani in Khariar Range of Khariar Forest Division during the year 2021-22	10.75	Bid Security Declaration to be uploaded	“A”, “B”, “C” & “D” Class	04 (Four) Calendar Months	5000/-
12	Construction of Forest Guard Quarter, Sargidihi in Khariar Range of Khariar Forest Division during the year 2021-22	10.75	Bid Security Declaration to be uploaded	“A”, “B”, “C” & “D” Class	04 (Four) Calendar Months	5000/-
13	Construction of Forest Guard Quarter, Khadupani in Khariar Range of Khariar Forest Division during the year 2021-22	10.75	Bid Security Declaration to be uploaded	“A”, “B”, “C” & “D” Class	04 (Four) Calendar Months	5000/-

1. INSTRUCTION TO BIDDERS FOR DETAILS OF THE DOCUMENTS TO BE FURNISHED WITH TENDER

1. Details of document to be furnished
 - a. Bid Cost is to be furnished.
 - b. Copy of GSTN clearance Certificate
 - c. Copy of PAN Card.
 - d. Copy of Registration Certificate.
 - e. Affidavit regarding correctness of information /Certificate.
 - f. Affidavit regarding no relation certificate in prescribed format.
 - g. Tenderer represented through power of Attorney holder should ensure that the power of Attorney is duly signed and identified through an affidavit from the Registering authority containing the photograph of both the license holder and the person to whom the power of Attorney is given failing which the tender will be considered for rejection.
2. The documents of valid successful bidders will be verified with the original before signing the agreement. The valid successful bidders has to provide the original to the concerned Authority on receipt of such letter which will be sent through registered post.
3. DTCN is to be uploaded by the bidder. The bidder has to only agree/disagree on the condition in the DTCN. The bidders, who disagree on the condition of DTCN, cannot participate in the bidder.
4. The Engineering contractor should produce their original license for exemption of EMD before signing the agreement.
5. Mode of Submission of Tender: Tender documents should be submitted through Regd. Post/Speed Post/ Courier Service.
6. Period of availability of tenders on Website : The details are as follows / Date of time of submission / last date of seeking clarification / Date of opening of tender papers

Procurement Officer / Tender Inviting Authority	Bid Identification No.	Notification of Tender for bidding		Last Date and time of seeking tender clarification	Date & Time of opening of Bid
		From	To		Technical Bid

1	2	3	4	5	6
Divisional Forest Officer, Khariar Division	152 dt. 22.07.2021	23.07.2021	13.08.2021	13.08.2021	17.08.2021

7. Bid document consisting of qualification information and eligibility criteria of bidders, plans, specification, drawing where necessary the schedule of quantities and abstract of estimate of the various classes of work is available on the website www.nuapada.nic.in
8. The bid for the work shall remain valid for acceptance for a period of ninety days from the last date of receipt of bids. If any Bidder / Tenderer withdraw the bid/tender before the said period or makes any modification in the terms and condition of the bid, the earnest money shall stand forfeited and blacklisting procedure will be initiated.
9. Other details can be seen in the bidding documents which is available in website www.nuapada.nic.in
10. Authority reserves the right to reject any of all the tenders without assigning any reasons thereof.
11. (A) Tender may not, at the discretion of the competent authority, be considered, unless accompanied by attested copies of the PAN or GST Clearance Certificate and the original certificates are to be produced before the tender opening authority as and when required for verification.
(B) Bidders from outside from the state can participate in the tender without having GSTN clearance certificate subject to condition that they should submit undertakings in the form of an affidavit indicating their acceptance in that they are not registered under the GST Act as they have not started any business in the state and they have no liability under the Act. But before award of the final contract such bidders will have to produce the GSTN.
(C) Bidders registered under other state Governments/ MES /Railways/CPWD in equivalent rank may participate in the tender, but successful bidders has to register under the state PWD before sign the agreement.
12. All the rates and prices in the tender shall cover all tax viz . Central or states sales tax, octroi, any other local taxes, ferry, tollage charges, CESS and royalties and any other charges. The contractors shall produce necessary receipts in support to payment of royalty

and taxes for the material supplied by them for the work failing which royalty, taxes as applicable will be deducted from their bills.

13. The work is to be completed in all respect with in the period mentioned in Annexure of NIT in Calendar months from the date of written order to commence the work.
14. After opening the tenders if a tenderer withdraws himself from the competition during the validity of tender, the EMD received along with the tender shall be forfeited & credited to the Govt. and procedure for Blacklisting of tenderer will be initiated accordingly.
15. If the rate quoted by the bidder is less than 15% of the tendered amount, then such a bid shall be rejected & tender shall be finalized basing on merits of rest bids. But if more than one bid is quoted at 14.99% (Decimals up to two numbers will be taken for all practical purposes) less than the estimated cost, the tender accepting authority will finalise tender through a transparent lottery system, where all bidders/their authorized representatives, the concerned procurement committee will remain present.

2. INSTRUCTIONS TO TENDERERS

2.1 Eligibility Criteria

The eligibility criteria for participation in this tender are given below. The tenderer(s) should go through these eligibility criteria before purchasing the tender documents. Tenderer(s) not fulfilling the eligibility criteria and submit the tender, can do so at their own risk, as the tender will summarily be rejected.

- (1) The intending tenderer(s) should have the valid Registration Certificate as on date, of the required class as mentioned in Annexure of NIT.
- (2) The intending tenderer (s) should have up to date valid PAN, GSTN clearance Certificate.
- (3) The intending tenderer (s) should have furnished EMD, if required, as mentioned in NIT.
- (4) The intending tenderer (s) should have also satisfy the eligibility criteria as per NIT.

2.2. During scrutiny evaluation & comparison of the tenders the authority at his discretion may ask any tenderer for clarification on his tender document including breakdown of the unit rates. The request for clarification & the response shall be in writing. No additional documents in fresh which will affect the original status of the eligibility criteria of the tender at the time of receipt of tenders are acceptable.

2.3 The successful tenderer shall make his own arrangement for all materials T&P machineries required for satisfactory completion of work in time. unless otherwise specified in the conditions or contract.

2.4 By submitting a tender for the work, a tenderer will be deemed to have satisfied himself by actual inspection of the site & locality of the work about the quality & availability of the required quantity of materials, medical & labour & food stuffs etc. & that the rates quoted by him in the tender will be adequate to complete the works according to the specifications & conditions attached there to & that he has taken into account all conditions & difficulties that may be encountered during its progress & to have quoted labour rates, & materials rates which shall include cost of materials with taxes, octroi & other duties, lead, lift loading & unloading, freight for materials & all other charges necessary for the completion of the work, to the entire

satisfaction of the Divisional Forest Officer & his authorized subordinates. After acceptance of the contract rates, Govt. will not pay any extra charges from any reasons in case the contractor is found later on to have misjudged the condition as regards availability of materials, labour or any other factors.

- 2.5 Acceptance of the tender will be intimated to the successful tenderer. The tenderer is to deposit the initial security deposit & sign the agreement as prescribed in the Notice Inviting Tenders.
- 2.6 If the tenderer has a relative employed as Asst. Secretary & above in the Forest Department, he shall inform the Procurement committee mentioning the exact details in a covering letter along with the tender failing which his tender will not be considered. Also if the fact or relationship subsequently comes to light, his contract will be rescinded. The Earnest Money & the total Security Deposit will be forfeited & he shall be liable to make good any loss or damage resulting from such cancellation. In case, the tenderer has no relationship with any of the Officers mentioned above he shall have to furnish with tender a certificate to this effect.
- 2.8 No contract work however petty may be carried out except under & in accordance with duly executed agreement, or a special written authority from Divisional Forest Officer or its authorised Subordinate.
- 2.9 Canvassing in any form is prohibited & the tenders submitted by the tenderers who resort to canvassing will be rejected & the tenderer will not be allowed to tender for any other works in this Organisation.
- 2.10 Details of drawing & specifications if any as are not supplied with the tender documents for the work may be seen in the Office of the Divisional Forest Officer, Khariar Division on working days during working hours.
- 2.11 If any other information regarding plan & specifications etc. are required before submission of the tender, the same can be obtained from the Divisional Forest Officer, Khariar Division.
- 2.12 The detailed specification for all items of work involved in the work shall be in accordance with the following :- (a) IRC & ISI Codes of practice & MOST publications such as specifications of road & bridge works & sound engineering practices. (b) Orissa detailed standard specification. (c) Any other standard code or

specifications or work as prescribed by the Forest Department. In case of variations in provisions of codes or specifications of works referred to above, the decision of the Divisional Forest Officer, Khariar, as regards the specifications to be adopted in the work, shall be final, conclusive & binding on both the parties. Every tenderer must examine the aforesaid specification before submitting his tender. The Divisional Forest Officer, Khariar Division or his authorized subordinates reserves the right, without impairing the contract to make such increase or decrease in the quantities or items of work mentioned in the schedule attached to the tender notice as may be considered necessary to complete the work duly & satisfactorily. Such increase or decrease shall in no case invalidate the contractor's rates. It shall be definitely understood that the Govt. does not accept any responsibility for the correctness or the completeness of the quantities shown in the schedule. The schedule is liable to alteration by omissions or additions or deductions. Such omissions, additions or deductions to any extent shall in no case invalidate the contract & extra monetary compensation will be entertained.

2.13 The quoted rate for the work will deem to include all incidental items which may be necessary such as bailing out of water from foundation, construction of bench marks, level pillars, profiles, benching leveling of ground etc. where required. The incidental items mentioned here in any only indicative & not exhaustive. No extra payment or claim will be admissible on these grounds. All arrangements for traffic during construction including provision of temporary cross drainage structures, if required, & treated shoulder, including their maintenance, dismantling & clearing debris, where necessary shall be considered as incidental to the works & shall be the contractors respectively

2.14 The contractor has to arrange for the adequate supply of clean water required for the works & also has to arrange adequate lighting arrangements for night work whenever necessary at his own cost. Whenever possible, & available in stock the necessary pumps & pipe lines required for the work may be supplied by the deptt. on hire charges as fixed by the Department. The cost of installations of the pumps & laying of pipe & dismantling the same including necessary carriage from the departmental godown & back shall be borne by the contractor.

- 2.15 The tenderers are required to go through each clause of PWD form P1 carefully in addition to the clauses here in before & herein after provided as these are deemed to be the part of the contract.
- 2.16 The notice inviting tenders, instructions to tenderers, general condition of contract, detailed call notice, special contract, specifications, schedule of quantities along with printed conditions of PWD form F2, approved drawing, time schedule & the rate together with the letter of awarding the work will form part of the contract. In case of conflict between any of the provisions, the same is to be got clarified by the tenderer before submission of the tender. If such conflicts arise after the tenders are opened the decision of Divisional Forest Officer shall deem to be final & binding on the contractor.
- 2.17 (a) The tenders will be considered to be valid for 90 days from the date of opening of the tenders,
- (b) The period of validity of tender can also be extended if agreed by the tenderer & the Tender Issuing Authority.
- 2.18 In case of ambiguity between clauses of this DTCN & P1 contract form, the relevant clauses of P1 contract form, shall prevail over the DTCN. The clauses not covered in P1 contract form shall be governed by DTCN.

3. GENERAL CONDITION OF CONTRACT

- 3.1 The contractor shall not sublet whole or part of the work without written consent of the concerned Divisional Forest Officer or its authorised subordinate or transfer be made by power authorizing others to receive payment on behalf of the contractor and such consent if given shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts of defaults and negligence of any sub-contractor employed by him as fully as if they are caused with the acts, defaults and negligence of the contractor, his agents, servants or workmen. Employing labourer directly on piece work basis shall not be deemed to be understood as subletting as explained above.
- 3.2 The contract comprises the construction, completion and maintenance of the works and except in so far as the contract otherwise provides of provision of labour, material and construction plant, temporary works and everything whether of a temporary or permanent nature required in and for such construction, completion and subsequent maintenance for a period of not less than Twenty Four months.
- 3.3 a) The drawing shall remain in the safe custody of the Divisional Forest Officer, but two sets of copies thereof shall be furnished to the contractor on free of cost. At the completion of the work the contractor shall return to the Divisional Forest Officer one set of all the drawings, supplied to duly signed as completion drawing.
- b) No claim shall be entertained against the department on account of any increase in railway or road freight or prices of cement, steel, petrol, coal, fuel, oil, lubrication. Explosives and other materials or commodities, labour charges etc. during the course of construction or after tendering for this work till the date of completion except the incidence at price variation and period covered under the relevant Price Escalation Clause of the Agreement.
- 3.4 The contractor shall give adequate notice in writing to the Divisional Forest Officer for any further drawing or specification that may be required for the execution of the work or otherwise under the contract. In the event of any delay in the issuing of any of the detailed drawing etc. for any reasons what-so-ever reasonable extension of

time may be granted on application by the contractor but on no account any claim for monetary compensation will be entertained.

3. 5 One copy of the drawing supplied to the contractor shall be made available at the site for reference for use of the departmental officers during inspection.
3. 6 From time to time the contractor shall submit to the Divisional Forest Officer for his approval the programme showing the order of procedure and method in which he proposes to carry out the work and whenever required by the concerned Divisional Forest Officer or his representative furnish for his information, particulars in writing of the contractor's arrangements for the carrying out of the work and of the constructional plan and temporary work which the contractor intends to supply, use or construct as the case may be. The submission to and approval by the Divisional Forest Officer or its authorised subordinate of such programme for furnishing of such particulars shall not relieve the contractor of any of his duties or responsibilities under the contract.
3. 7 The contractor shall be responsible for the true and proper setting out of the work and for the correctness of the position, levels, dimensions and alignments of all part of the work and for the provision of all necessary instruments, appliances and labour in connection there with. If any time during the progress of the work, any error shall appear or arise in the position, levels, dimensions or alignments of any part of the works the contractor on being required to do so by the concerned Divisional Forest Officer. The checking of any setting error to the satisfaction of concerned Divisional Forest Officer or his representative shall not in any way relieve the contractor of his responsibility for the correctness there of and the contractor shall carefully protect and preserve all bench marks, pegs and other things used in setting out of the works.
3. 8 Department will have the right to inspect the scaffolding and centering made for the work and can reject partly or fully such structures if found defective from safety or any other grounds. The contractor has to carry out any such detailed instruction from the Divisional Forest Officer or his authorized sub-ordinates regarding such structures. All the centering and shuttering should be got approved by the Divisional Forest Officer before concreting is done.

3. 9 Explosive shall not be used on the work by the contractor without the permission in writing of the concerned Divisional Forest Officer and then only in the manner and to the extent prescribed. Where explosives are used the same shall be stored in a special magazine to be provided by and at the cost of the contractor who shall be liable for all damages, loss or injury to any person or property and shall be responsible for complying with all the statutory rules and regulations prescribed by the Chief Inspector of Explosive. It is the responsibility of the contractor to procure explosive required for the work. However, the department may extend necessary possible help for procuring explosive license. No claim will however be entertained for delay or failure in rendering such help by the Department.
3. 10 The contractor shall in connection with works provide and maintain at his own cost all lights, security guards, fencing and watching as and where necessary or required by the concerned Divisional Forest Officer or his representative for the protection of the works or for the safety and convenience of the public or others.
3. 11 The contractor shall indemnify the department against all losses and claims for injuries or damages to any person or property what-so-ever which may arise out of or in consequence of the construction and maintenance of the works and against all the claims, demands, proceedings, costs charges and expenses whatso-ever in respect of or in relation there to.
3. 12 The contractor shall abide by the C.P.W.D. safety code introduced by the Government of India. Ministry Housing & Supply in standing orders No.-44-250 dated 25-11-57 which can be seen in the office of the Executive Engineer, on any working day during office hours.
3. 13 The contractor shall abide by "Fair Wages" clause in accordance with the Government of Orissa, Works and Transport Department letter No. A - VIIR-18/52/25 dated 26-02-55 and No. IIM – 56/51-28845 (A) dated 27-09- 61 and Workmen's Compensation Act. 1923 and other laws as may be introduced by the Government from time to time.
3. 14 The contractor in accordance with the requirement of the Department afford all reasonable opportunities for carrying out their works to any other contractors

employed by the Department and their workmen and to the workmen of the department and of any other duly constituted authorities who may be employed in the execution on or near the site of any work not included in the contract or of any contract which the department may enter into in connection with or ancillary to the works.

3. 15 The contractor shall at his own expenses provide and maintain all the constructional plant, temporary works, materials both for temporary and for the permanent works, labour transport to or from the site and in and about the works and other things of every kind required for the construction, completion and maintenance of the works.
- 3.16 The Deptt. may supply materials as are available with them but the contractor shall keep himself in touch with the day-to-day position regarding the supply of the materials from the Department and to so adjust the progress of the work that their labour may not remain ideal nor may there be any other claim due to arising out of the delay in obtaining the materials. It should be clearly understood that the contractor is solely responsible to make his own arrangements for all the materials required for the completion of the work in time.
3. 17 On the completion of the work, all rubbish, debris, vats, tanks materials and temporary structures of any sort or kind used for the purpose of/or connected with its construction are to be removed by the contractor and all pits and excavations filled up at his own cost and his site handed over in a tidy and workmen like condition and the final payment in settlement of accounts for the said work shall be held to be due or shall not be made to the contractors till such site clearance shall have been effected by him and such clearance may be done by concerned authorised officer of Divisional Forest Officer at the expense of the contractor in the event of his failure to comply with provisions within 7 days after receiving notice in writing from the authorised officer to that effect if it becomes necessary for the Authorised Officer to have the site clearance done as indicated above at the expense of the contractor. The department shall under no circumstances be held liable for any losses or damages to such of the contractors property as may be on such site due to such removal there from, removal of which may be effected by means of public sale of such materials

and property or in such way as deemed fit and must convenient to the Authorised Officer.

3. 18 The contractor shall have to submit to the Authorised Officer fortnightly return of labour both skilled and unskilled as employed by him on the work in the proforma to be prescribed by the Divisional Forest Office.
3. 19 The contractors are required to quote their rates for all the items noted in the schedule of quantities. The Deptt. reserves the right of deciding the type of the structure construction to be constructed and contractor shall abide the decision of Deptt. In case of alternative items or items occurring in the tender, Divisional Forest Officer or its Subordinate may order to execute any of such item or items at which direction, and the contractor shall not have choice in his decision to his advantage.
3. 20 The rates in the tender will be deemed to include cost of all materials including loading unloading, leads, lifts, taxes, royalties etc. and in other charges whether the materials are issued the Deptt. or arrange from any other sources by the contractor.
3. 21 The contractor shall supply sample of all materials, free of cost before procurement for the work for testing and acceptance as may be required by the Divisional Forest Officer, Khariar Division.
3. 22 The contractor shall uncover any part or parts of the works or make opening in or though same as the Divisional Forest Officer, Khariar Division or its authorised subordinate may from time to time direct for testing and shall reinstate and make good such part or parts to the satisfaction of the concerned.
3. 23 The Divisional Forest Officer or its authorised subordinate during the progress of the works has power to order in written in the site order book, so maintained at the site of work by the contractor in the form prescribed in the Deptt. from time to time.
 - a) The removal of any materials from the site within such time or times as may be specified, which in the opinion of the Authorised Officer are not in accordance with the specification.
 - b) The substitution of proper and suitable materials.
 - c) The removal and proper re-execution of any work in respect of materials workmanship which in the opinion of the Authorised Officer is not in the accordance with the specification.

3. 24 Either during the execution or after the completion of the work, contractor shall arrange in his own cost requisite equipments for testing the structures, if found necessary by the Authorised Officer and bear the entire cost of such tests conducted as per the direction of the Divisional Forest Officer, Khariar Division.
3. 25 The contractor shall on the written order of the concerned Authorised Officer suspend the progress of the work or any part thereof for such time or times and in such manner as the Divisional Forest Officer or its authorised subordinate may consider necessary and shall during such suspension, properly protect and secure the work as far as is necessary in the opinion of the DFO or its authorised subordinate. No claim in this regard will be entertained.
3. 26 The contractor after award of the work shall commence the work at site within the period prescribed by the DFO or its authorised subordinate and shall also maintain proportionate progress. The contractor should bear all expenses and charges of special or temporary road required by him in connection with access to the site. Subject to any requirement in the contract as to the completion of any portion of the works before completion of the whole, of the works shall be completed within the time stated in the contract.
- 3.27 The Divisional Forest Officer shall make any variation of quality or quantity of the works or any part thereof that may in his opinion be necessary and for that propose or it for or any other reasons. It shall in his opinion be desirable. If due to such alteration or additions any item or items of works are to be executed which are not specially covered by the contract then the same may be taken up departmentally through job work agreements with the same contractor or separate piece workers or through master rolls at the prevailing schedule of rate at or rates approved by the Divisional Forest Officer or its subordinate. When the extra or additional items are executed through the same contractor he shall give in writing his willingness to accept the prevailing schedule of rate or the rates approved by Divisional Forest Officer, Khariar prior to taking up the work. It is to be clearly understood that no claims what-so-ever will be entertained as regards the extra or less quantity of work against the items provided in the contract or extra items of work done under written order of the concerned Divisional Forest Officer. **The rate in the latter case being the**

prevailing schedule of rates or the rates approved by the Divisional Forest Officer. If the contractor executes the extra items but fails to give in writing his willingness to accept the prevailing schedule of rates the decision of the Divisional Forest Officer, will be final as regards rates admissible, which will be binding on the contractor.

a) GST on finished products shall not be paid separately. If any such tax is levied, the contractor shall bear the same. The contractor should accordingly quote the rate in percentage basis. No special conditions on this issue will be entertained. They should also give an under taking on this point as indicated below: certified that the rates quoted by me are inclusive of sales tax on finished work. No extra amount shall be claimed.

3. 28 The construction materials if available with the Deptt. may be supplied to the contractor at the direction of the Deptt. at the place and at the rates as noted against each. The contractor may satisfy himself about the quality and quantity of materials at the time of issue. In case of non-supply these materials for any reason whatsoever it shall be the responsibility of the contractor to procure such materials (to be approved by the authorised subordinate) from the market and complete the work within the stipulated time. No monetary claim or compensation of any kind whatsoever will entertained by the Dept. nor this can be taken as a plea by the contractor to apply for extension of time to complete the work. The state custody and up keep of the materials so issued by the Deptt. will be the sole responsibility of the contractor. He is also to bear in addition, the entire incidental charges such as transport, storage, handling of materials and in other expenditure incurred for return of empty cement bags and empty containers etc. at issuing stores.

3.29 The Dept. have the right to supply at any time in the interest of work any departmental materials to be issued in the work in addition to those mentioned in appendix (A) and the contractor shall use such materials without any controversy or dispute on the account.

The rate of such materials as supplied under clause 3.28 will be at the stock issue rate fixed by the Deptt. or market rates prevalent at the time of supply which ever is higher.

- 3.30 The contractor may take delivery of departmental supply of materials according to his need for the work issued by the sub-divisional offices. The contractor shall make all arrangements for proper storage including cost of store sheds required for the purpose and providing for watching arrangements at his expenses.
- 3.31 The deptt. is not responsible for any effect due to issue of materials. Under any short contingency if the contractor stops or delays the execution of work relevant penalty clause **as per P1 agreement will be enforced.**
- 3.32 The contractor will responsible for the misuse, loss or damage due to any reason may what-so-ever of any departmental materials supplied to him the execution of the work. Case of such loss damage or misuse, recovery at the rate of five times the cost of the materials issued will be deducted from the bills or his other dues.
- 3.33 Machinery is available may be issued by the direction of the Deptt. contract on hire at daily or hourly rates as per appendix - B, without POL subject to condition that the contractor execute in advance an agreement with the Authorised Subordinate as per the circular vide work Deptt. letter No. 8949 dt. 03-02-89.
- 3.34 The contractor will refund the machinery taken by him for use in the work in good serviceable condition to the issuing store at his own cost.
- 3.35 The hire charges will be calculated from the date of issue to the date of return.
- 3.36 Special class Contractor shall employ under him one Diploma Holders belonging to the State of Orissa.

The contractor shall pay to the Engineering personnel monthly emoluments which shall not be less than the emoluments of the personnel of equivalent qualification employed under the Government of Orissa.

The names of such Engineering personnel appointed by the contractor should be intimated to the tender receiving authority along with each tender as to who would be supervising the work. In absence of such intimation the tender shall be treated as incomplete.

Each work bill of the Special Class and “A” Class contractor shall be accompanied by an employment roll of the Engineering personnel together with a certificate of the Diploma engineers so employed by the contractor to the effect that the work executed and included in the bill has been supervised and measured by

him/ them. The Rule is amended in Government of Orissa, Works Department Office Memo No. 13/93 24317 dtd.28.09.1993.

ORISSA PUBLIC WORKS DEPARTMENT

(Form F₂)

PERCENTAGE RATE TENDER AND CONTRACT FOR WORKS

General Rules and Directions for the guidance of contractors

1. All works proposed for execution by contract will be notified in a form of invitation to tender passed on a board hung up in the office of and signed by the Divisional Forest Officer. This notice will state the work to be carried out, the items and approximate quantities thereof as well as the date of submitting and opening of tenders also the amount of earnest money to be deposited and the amount of the security deposit to be deducted from bills. Copies of the specification, designs & drawings and any other documents required in connection with the submission of tender signed for the purpose of identification by the Divisional Forest Officer shall also be open for inspection by the contractor at the office of the Divisional Forest Officer.
2. In the event of the tender being submitted by a firm it must be signed separately by each member thereof, or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power of attorney authorizing him to do so.
3. Receipt for payments made on account of work, when executed by a firm must also be signed by the several partners, except where the contractors are described in their tender as a firm in which case the receipts must be signed in the name of the firm by

one of the partners or by some other person having authority to give effectual receipts of the firm.

4. The memorandum of work tendered for and the memorandum of materials to be supplied by the Department and their issue rates shall be filled in and completed in the office of the Divisional Forest Officer/ Authorised Officer before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in and completed, he shall request the office to have this done before he completes and delivers his tender.
5. The amount of earnest money to be deposited will be One percent of the tendered amount, whenever required.
6. Any person who submits a tender shall fill up the usual printed form stating at what rate he is willing to undertake of the work. Incomplete tender and tenders which purpose any alternation in the work specified in the said form of invitation to tender or which contain any other conditions of any sort, or omit to note the time within which he work can be finished, or which are not accompanied by a treasury challan for the required earnest money will be liable to rejection. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit a separate tender for each. Tender shall bear the name of the work to which they refer written outside the envelop. Cash deposits for earnest money hereinbefore mentioned shall be made in Government treasuries and the challan thereof should be enclosed with the tender.
7. The Procure committee will open the tenders in the presence of any intending contractors who may be present at the time and will enter the amounts of the several tenders in a comparative statement in a suitable form. In event of a tender being rejected, the challan for the earnest money forwarded there with be returned to the tender with a pay order for the amount of the earnest money.
8. The Procure Committee shall have the right to reject all or any of the tenders.
9. In the event of a tender being selected for acceptance, the Procure Committee which opened the tenders will if he is competent to accept the tender, inform the tenderer of the selected tender who shall thereupon sign copies of the specification and to the documents mentioned in rules 1 and 4 for the purpose of identification and for his

acceptance with the tender. The tender of the selected tender shall also deposit the required amount of the security money with the prescribed time. If the tenderer fails to deposit the required amount of the security money within the prescribed time, the DFO or Procurement Committee may reject the tender. If the procurement Committee is not competent to accept the tender himself, he will inform the tenderer of the tender which he decides to recommended for acceptance. Such tenderer shall thereupon sign forth with copies of the specification and other documents mentioned in rules 1 and 4 and shall deposit the required amount of the security money within the prescribed time. The tender with the specification and other documents signed by the tender will then be forwarded for acceptance to the Officer/Committee who is competent to accept the same. If the said Officer/Committee rejects the tender the security money deposited shall be refunded to the tenderer.

10. When a tender is selected for acceptance, the tenderer shall deposit the required amount of the security money in cash in the treasury and shall forward the challan to the Divisional Forest Office. Government securities may be endorsed to the Divisional Forest Officer in lieu of a cash deposit of the required amount of the security money. No tender shall be finally accepted until the required amount of the security money has been deposited.
11. The amount of security money to be deposited by the tenderer whose tender is selected for acceptance shall be decided as per O.M. No 5992/W Dtd 27.04.2021 of works Department(3 percent of the estimated value of the work) and towards this amount the earnest money already deposited by him shall be credited. At least half of this security inclusive of the earnest money, shall be deposited by the tenderer within such time as may be notified to him in writing by the officer opening the tender, failing which tender shall be liable to rejection. Any balance of the security money outstanding after completion of the contract with the tenderer may be made up by deduction of 5% of the amount of each payment to be made to him under clause 7 of the conditions of contract for work done under the contract.
12. When tender has been selected for acceptance and the required amount of the security money has been deposited, the Divisional Forest Officer or its authorised subordinate shall scrutinize all pages of the form of item, rate, tender and contract for

works to see that the form has been properly filled up and signed by the contractor and the signature witnessed. He shall then, if he is competent to accept the tender, sign the acceptance of the tender or if he is not so competent, shall send the form for signature of the acceptance to the officer competent to accept it.

13. The rates quoted by the Contractor shall be excluding GST. The GST as applicable for the work contract shall be payable to Contractor on each bill amount.
14. Prevailing rate of GST on the gross amount of the bill will be deducted from the Contractors bill as tax deduction at source (TDS) as per rules.
15. The period of the work should be kept within four months. There should be a special provision in the contract, that in no case additional time period will be allowed beyond two months and the contract will be closed as such beyond the completion.

4. SPECIAL CONDITIONS

- 4.1 Care should be taken to interfere as little as possible with traffic. The contractor shall use all due precaution for the safety of traffic and shall place barriers across each and of the road which is being worked upon. Watchman shall be employed and bright red lights placed and maintained around the obstacle and elsewhere as the DFO or Authorised Subordinate may direct, all diversion signs shall be clearly marked by white washed stones or any other means, when traffic is allowed along the shoulder. Barricades and warning signs shall be put up as directed by the Authorised Officer. These Measures shall be at no extra cost of Government.
- 4.2 Earth work will be done as per the specification of I.R.C./ISI/ MORT&H and as directed by DFO or his Authorised Subordinate from time to time. Measurement of earth work in road embankment will be done by section measurement, after it is compacted to the desired degree as for departmental directions.
- 4.3 Wherever possible, temporary land may be made available to the contractor for obtaining earth and in all such cases the depth of pits in borrow areas should be as per earth work specification attached to the D.T.C.N. wherever the depth of pits exceeds the permissible limits, the contractor is liable to pay compensation as may be required to be paid to the land owners. The contractor must make his own arrangements for carriage of earth work at his own cost. No payment will be made for jungle clearance and for making a road or footpath or temporary bridges etc. wherever required for earth from the borrow areas. The contractor shall, if required also arrange to obtain and carry earth from other sources at his own cost without any extra expenditure to the department. Borrow pit materials shall not be used unless it has been tested and approved by the Authorised Subordinate. No claim will be entertained on ground of non availability of temporary land or non-availability of adequate quantity of earth.
- 4.4 No claim will be entertained due to any delays involved in land acquisition required for the work. It shall be constructed that the contractor has thoroughly acquainted himself about the situational condition before tendering for the work and after having fully satisfied himself about the site condition and after going through the

stipulation of preceding Para of the special conditions of D.T.C.N. has a quoted his rates. Thus his quoted rates could be deemed to cover any and all distance and situations of the source of soil and also any and all modes of transport either by manual or mechanical means notwithstanding the fact that the concerned estimate or tender or scheduled of rate for the matter does not envisage such provision.

- 4.5 No claim will be entertained due to any delay involved in land acquisition required for the execution of the work. However, suitable extension of time may be given on the recommendation of Authorised Officer.
- 4.6 The quantity of metal, gravel or moorum, sand, chips, etc. should conform to the specification attached. The stack of road metal and gravel or moorum will be measured in boxes to be provided by contractor size 1.5m x 1.5m x 0.5m which will be taken as 1.0 cum. and of chips 1.5 m x 1.5 m x 0.47 m equivalent to 1.0 Cum. The soling stones and other stones will be measured in suitable stacks as per direction of the Authorised Officer and deduction for voids at the rate of 1/6th of volume or more will be made from the total measurement upon the looseness of stacking.
- 4.7 A quarry chart as may be available may be seen in the office of the Divisional Forest Officer. The contractor must however, satisfied himself that materials as per requires specification and quantity are available in those quarries, no extra payment will be made to non-availability of materials as per required specification and quantity in the quarries shown in the departmental quarry chart. The quarry chart is only information and the department does not accept the responsibility, if the materials are not available in full quantity and quality.
- 4.8 Earth work, moorum consolidation, soling, metalling and bituminous construction will be done as per specification of I.R.C./ISI/ MORT&H.
- 4.9 Any other new item to be executed will be done as directed by the Authorised Officer
Bridge and culvert construction will be done as per specification of I.R.C./ISI/ MORT&H.
- 4.10 For all purpose of payment, earthwork excavation in foundation shall mean earthwork exaction below the natural ground level. The natural level in nulls, streams, rivers, or any drainage channel shall mean bed level at the site of construction. Performance Security and defect liability: In case, any imperfection

becomes apparent in the work within One year from the date of final certificate of completion, the contractor shall make the same good at his own expenses or in default the Authorised Officer may cause the same to be made good by other workmen and deduct the expenses from the security deposit and the contractor shall be liable to pay any part of the expenses not so recovered by the Authorised Officer. However, any damage to the works due to Cyclone, Flood, Earthquake or any act of God beyond the reasonable control of both the parties are excluded from such defect liability. Security deposit thus deducted from the bills can be released after expiry of One year of completion of the project by replacing the same amount in shape of NSC/ KVP duly pledged against the concerned DFO which shall however be released only after expiry of the defect liability period of One year from the date of completion. For availing Incentive Clause in any project which is completed before the stipulated date of completion, subject to other stipulations it is mandatory on the part of the concerned authorised subordinate to report the actual date of completion of the project as soon as possible through FAX or email so that the report is received within 7 (Seven) days of such completion by the concerned Authority.

APPLICATION – TECHNICAL BID

1. Name of Tendering Civil Work
Address (Block Letter) :
2. Name of the Proprietor/ Partner/
Director :
3. Full Address of Registered Office
Proof of Address to be furnished :
4. Address for correspondence
(If other than two) :
5. Contact No. and E-Mail ID of Authorized
Officer/Person :
6. Banker of the Civil Work
(Copy of last Three years transaction) :
7. PAN No. (please furnish document) :
8. GST details (please furnish document) :
9. Works Department License :
10. Labour Department License :
11. Contractor Registration No.
(Please furnish document) :
12. Experience as a contractor
(Proof of experience to be enclosed) :
13. Company Profile :
14. Income tax returns of the company/
Firms for the last three years
(Copies) :
15. Balance sheet last three years
(Copies) :
16. Experience as Civil Contractor in Sundargarh District:
(Proof of experience to be enclosed)
17. Aadhar Card No. (Xerox copy) :

Annexure - I

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

Full Name of Applicant/Authorized Person

Full Signature of Applicant/Authorized Person

Date –

Place -

Form of Bid Security Declaration

Bid No.
To,
Divisional Forest Officer,
Khariar -

We, the undersigned, declare that:

1. We understand that, according to your condition, bids must be supported by a Bid-Security declaration.
2. We accept that the Authority / Employer / Tender Inviting Authority shall cancel our empanelment and / or suspend / prohibit / debar / blacklist from participating in bidding in any contract of the state for a minimum period of 180 days, if we are in breach of our obligation(s) under the bid conditions, because we :
 - (a) have withdrawn our Bid prior to the expiry date of the bid validity specified in the letter of Bid or extended date if provided by us; or.
 - (b) having been notified of the acceptance of our Bid by the employer prior to the expiry date of bid validity in the letter of Bid or any extended date provided by us.
 - (i) fail or refuse to furnish the Performance Security and Additional Performance Security, if required in accordance with the ITB/Terms of the Bid Document / RFP , of
 - (ii) Fail to agree to the decisions of the contract negotiation meeting or
 - (iii) Fail or refuse to execute the Contract
3. We understand this Bid-Security Declaration shall expire if we are not the successful Bidder, upon the earlier of your notification of the name of the successful Bidder through award of contract; or (ii) after the expiry date of Bid validity.

Name of the Bidder * _____
Name of the Person duly authorized to sign the Bid on behalf of the Bidder** _____
Title of the person signing the Bid _____
Signature of the person named above _____
Date signed on _____ day of _____
Signed _____

* In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder.

** Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid

Declaration by the Tenderer

1. I have submitted this financial bid against notification Nodated..... and tender terms and conditions.
2. The information furnished in the Technical bid and financial bid are true and factual and I clearly understand that our tenders are liable for rejection, if any information furnished is found to be not true and not factual at any point of time.
3. I would abide by the terms and conditions governing this tender. In case if I fail to supply as per the department requirement. I would be fully responsible for all the consequences that may arise. The department can exercise appropriate action in addition to forfeiting of EMD. I shall pay the difference of higher cost involved and other related expenses paid if any for the execution of the contract.
4. The financial bid is separately submitted against this tender.

Place:

Date:

Seal & Signature of the tenderer

**TENDER FOR WORKS -Financial Bid (to be submitted in closed envelop
separately for each work along with schedule attached with the NIT)**

I/We hereby tender for the execution for the Governor of Orissa of the work specified in the underwritten memorandum at the rates specified therein within a period of..... Months from the date of written order to commence and in accordance in all respects with the specifications, designs, drawings and other documents referred to in rule. I hereof and subject to the annexed conditions of contract and with such materials as are provided for by, and in all other respects in accordance with such conditions so far as applicable.

MEMORANDUM

- i. If several sub-works are included they should be detailed in separate list.
- ii. Performance Deposit: This deposit will be 3% of estimated cost of the work.
 - a) Name of work
 - b) Estimated cost..... Rs.
 - c) Earnest money costRs.
 - d) Initial security deposit (including earnest money) toRs be deposited before the commencement of the work.

Place:

Date:

Seal & Signature of the tenderer:

WORKING EXPERIENCE

Work performed as prime Contractor (in the same name and style) on construction works of a similar nature and volume over the last five years from the date of receipt of this bid. Attach certificate from the Engineer-in-Charge not the below rank of Executive Engineer or equivalent.

Project Name	Name of Employer	Description of work	Value of Contract	Contract No	Date of issue of work order	Stipulated date of completion.	Actual date of completion.	Year wise value of work done as per		Remarks explaining reasons for Delay, if any
								Year	Amount (Rs. in lakh)	
1	2	3	4	5	6	7	8	9	10	11

ANNEXURE - VI

WORKING EXPERIENCE

LIST OF SIMILAR NATURE OF PROJECTS IN PROGRESS

Name of Employer	Name of location and name of 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 of the Tenderer

ANNEXURE – VII

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

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

Note:

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

Signature of the Tenderer

SCHEDULE
CONSTRUCTION OF DY.RANGER/FORESTER QUARTER

Sl. No.	Description of item	No		Length		Width		Height		Quantity	Unit	Rate	Amount
				"ft"		"ft"		"ft"					
	Center line method												
	Longwall			2	x	41.42				82.84	ft		
	Longwall			1	x	28.58				28.58	ft		
	Short wall			4	x	10.83				43.32	ft		
	Short wall			4	x	10.83				43.32	ft		
	Total			(A)	+	(B)				198.06	ft		
	Door,Window & Ventilator												
	Door size(D)	4	X	4.00	X	7.00		=		112.00	Sft		
	Door size(D ₁)	1	X	3.00	X	7.00		=		21.00	Sft		
	Door size(D ₂)	1	X	2.50	X	7.00		=		17.50	Sft		
	Window	8	X	4.00	X	4.00		=		128.00	Sft		
	Window2	1	X	3.00	X	4.00		=		12.00	Sft		
	Ventilator	8	X	2.00	X	1.00		=		16.00	Sft		
								Total . =	=	306.50	sft		
	Floor Area												
	Verandah	1	X	4.00	X	7.00		=		28.00	Sft		
	Drawing & Dining	1	X	10.00	X	20.33		=		203.30	Sft		
	Master Bed Room	1	X	10.00	X	11.16		=		111.60	Sft		
	Bed Room	1	X	10.00	X	10.00		=		100.00	Sft		
	Kitchen	1	X	10.00	X	6.58		=		65.80	Sft		
	Toilet	1	X	6.00	X	4.92		=		29.52	Sft		
	Office	1	X	10.00	X	12.00		=		120.00	Sft		
								Total . =	=	658.22	sft		
1	Earth work in excavation of foundation in hard soil with all lead & lift including dressing & levelling the bed of the foundation to the required width & depth & stacking the excavated materials away from the working areas etc.complete as per the direction of E.I.C.												
	Qty=	1	X	198.06	X	2.50	X	2.50	=	1237.88	cft		
	Coloumn	14	X	4.00	X	4.00	X	5.00	=	1120.00	cft		
	Steps	1	X	7.00	X	4.00	X	1.00	=	28.00	cft		

Steps	1	X	5.66	X	3.00	X	1.00	=	16.98	cft
Septic tank										
Soakpit	1	X	11.66	X	7.66	X	6.00	=	535.89	cft
	1	X	5.00	X	5.00	X	6.00	=	150.00	cft
							Total	=	3088.75	cft
<u>Deduct</u>										
Coloumn										
	14	X	4.00	X	2.50	X	2.50	=	350.00	cft
							Net Quantity	=	2738.75	cft
							Or say	=	77.51	Cum

2 Providing and filling clean dry sand of approved quality from approved quarry in foundation and plinth in 9" thick layer well watered and rammed incl. cost, conveyance, royalties and taxes of all materials etc. complete as per the direction of E.I.C.

Under foundation

Filler wall	1	X	198.06	X	2.50	X	0.50	=	247.58	cft
Coloumn	14	X	4.00	X	4.00	X	0.50	=	112.00	cft
Steps	1	X	7.00	X	4.00	X	0.50	=	14.00	cft
Steps	1	X	5.66	X	3.00	X	0.50	=	8.49	cft
<u>Plinth filling inside</u>										
Verandah	1	X	4.00	X	7.00	X	2.00	=	56.00	cft
Drawing & Dining	1	X	10.00	X	20.33	X	2.00	=	406.60	cft
Master Bed Room	1	X	10.00	X	11.16	X	2.00	=	223.20	cft
Bed Room	1	X	10.00	X	10.00	X	2.00	=	200.00	cft
Kitchen	1	X	10.00	X	6.58	X	2.00	=	131.60	cft
Toilet	1	X	6.00	X	4.92	X	2.00	=	59.04	cft
Office	1	X	10.00	X	12.00	X	2.00	=	240.00	cft
Septic tank	1	X	11.66	X	7.66	X	0.50	=	44.66	cft
Soakpit	1	X	5.00	X	5.00	X	0.50	=	12.50	cft

									1698.51	cft		
	Deduct											
	Coloumn	14	X	4.00	X	2.50	X	0.50	=	70.00	cft	
									Net Quantity	=	1628.51	cft
									Or say	=	46.09	Cum
3	C.C.(1:3:6) using 40mm HG metal of approved quality from approved quarry incl. hoisting, laying concrete in layers not exc. 15cm thick, compacting curing, finishing the exposed surface smooth, dewatering, shoring, shuttering if necessary at the time of laying concrete with cost, conveyance, royalty & taxes of all materials, cost of labour and T&p etc. all complete as per the direction of E.I.C..(A/R P/43 item 3)											
	Under foundation											
	Filler wall	1	X	198.06	X	2.50	X	0.50	=	247.58	cft	
	Coloumn	14	X	4.00	X	4.00	X	0.50	=	112.00	cft	
	Steps	1	X	7.00	X	4.00	X	0.50	=	14.00	cft	
	Steps		X		X		X	0.50	=	8.49	cft	
		1		5.66		3.00			=			
	Plinth filling inside											
	Verandah	1	X	4.00	X	7.00	X	0.33	=	9.24	cft	
	Drawing & Dining	1	X	10.00	X	20.33	X	0.33	=	67.09	cft	
	Master Bed Room	1	X	10.00	X	11.16	X	0.33	=	36.83	cft	
	Bed Room	1	X	10.00	X	10.00	X	0.33	=	33.00	cft	
	Kitchen	1	X	10.00	X	6.58	X	0.33	=	21.71	cft	
	Toilet	1	X	6.00	X	4.92	X	0.33	=	9.74	cft	
	Office	1	X	10.00	X	12.00	X	0.33	=	39.60	cft	
	Septic tank	1	X	11.66	X	7.66	X	0.33	=	29.47	cft	
	Soakpit	1	X	5.00	X	5.00	X	0.33	=	8.25	cft	
									Total	=	637.00	cft
	Deduct											
	Coloumn	14	X	4.00	X	4.00	X	0.50	=	112.00	cft	

								Net Quantity	=	525.00	cft
								Or say	=	14.86	Cum
4	R.R.H.G. stone masonry in C.M. (1:6) in foundation and plinth using hard granite stone boulders not less than 0.025 cum picked up including cost, conveyance, royalty, taxes of all materials with all labour, T&P required etc. complete as per direction of the of E.I.C.										
	<u>A) Foundation and Plinth</u>										
	1 st footing										
		1	X	198.06	X	2.00	X	1.50	=	594.18	cft
	2 nd footing										
		1	X	198.06	X	1.50	X	1.50	=	445.64	cft
									=	1039.82	cft
	<u>Deduct</u>										
	Column										
		14	X	4.00	X	2.00	X	1.50	=	168.00	cft
		14	X	4.00	X	1.50	X	1.50	=	126.00	cft
								Total	=	294.00	cft
								Net Quantity	=	745.82	cft
								Or say	=	21.11	Cum
5	Reinforced Cement concrete M-20 Grade with crushed granite coarse aggregate 20mm down graded of approved quality mixed by concrete mixer and placing manually, compacting with vibrators including cost of all materials, labour charges and transportation of materials within a lead of 1.0km. by mechanical means and placement within initial lead of 50m and initial lift of 1.50m for mixed concrete complete as directed by Engineer in charge. (A/R P/50 item 4)										
	<u>A) Coloumn base</u>										
	Coloumn										
		14	X	4.00	X	4.00	X	0.75	=	168.00	cft
	Sloping portion										
		14	X	((3.5X3.5)+(1.25X1.25))/2			X	2.00	=	193.20	cft
	Column										
		14	X	0.83	X	0.83	X	2.00	=	19.29	cft
									=	380.49	cft
								Or say	=	10.78	Cum

B)Plinth Bend	1	x	198.06	x	0.83	x	1.00	=	164.39	cft
							Or say	=	4.66	Cum
C) Lintel Band	1	x	198.06	x	0.83	x	0.50	=	82.19	cft
							Or say	=	2.33	Cum
<u>D) Coloumn & Beam</u>										
Coloumn	14	X	0.83	X	0.83	X	10.00	=	96.45	cft
Roof Beam	1	x	198.06	X	0.83	X	0.66	=	108.50	cft
								=	204.95	cft
							Or say	=	5.80	Cum
<u>D) For roof slab</u>										
Roof slab	1	X	43.25	X	23.50	X	0.42	=	426.88	cft
	1	X	12.83	X	12.66	X	0.42	=	68.22	cft
Septic tank	1	X	8.00	X	4.00	X	0.42	=	13.44	cft
Soakpit	1	X	11.66	X	7.66	X	0.33	=	29.47	cft
Window	9	x	5.00	X	2.00	X	0.25	=	22.50	cft
Chhaja	3	x	11.66	X	2.00	X	0.25	=	17.49	cft
Kitchen Chhaja	2	x	17.50	X	2.00	X	0.25	=	17.50	cft
Verandah Opening	1	x	11.66	X	2.00	X	0.25	=	5.83	cft
								=	609.58	cft
							Or say	=	17.25	Cum
6	Cutting, straightening, coiled or bent up T. S. rod for R.C.C. work incl. bending, binding & tying the grills and placing in proper position with cost, conveyance,taxes of binding wire 18 to 20 gauge and T.S. rod, cost of all labour & T&P etc complete as per the direction of E.I.C.									
A) Coloumn base			380.49	@	3.00		kg/cft	=	1141.47	
B) Plinth Bend			164.39	@	1.50		kg/cft	=	246.59	
C) Lintel Band			82.19	@	3.50		kg/cft	=	287.67	
D) Coloumn & Beam			204.95	@	5.00		kg/cft	=	1024.75	
E) For roof slab & chajjas.			609.58	@	2.50		kg/cft	=	1523.95	
Qty of RCC vide item no - 5								=	4224.42	kg
								=		

								1.00Qntl/Cum	=	42.24	Qntl
7	Brick work with fly ash bricks 25cm x 12cm x 8cm having crushing strength not less than 75 Kg/cm ² with dimensional tolerance +8 percent in cement mortar (1:6) in foundation.								=		
<u>B) Superstructure</u>											
	Outer wall	1	X	198.06	X	0.83	X	10.00	=	1643.90	cft
	Steps	1	X	12.66	X	3.00	X	0.83	=	31.52	cft
	Steps	1	X	12.66	X	2.00	X	0.83	=	21.02	cft
	Steps	1	X	12.66	X	1.00	X	0.83	=	10.51	cft
	Septic tank	2	X	11.66	X	0.83	X	6.00	=	116.13	cft
		2	X	6.00	X	0.83	X	6.00	=	59.76	cft
	Soakpit	2	X	5.00	X	0.83	X	5.00	=	41.50	cft
		2	X	3.33	X	0.83	X	5.00	=	27.64	cft
								Total	=	1951.98	cft
<u>Deduct</u>											
	Coloumn & Beam	14	X	0.83	X	0.83	X	10.00	=	204.95	cft
	Lintel bend								=	82.19	cft
	Door size(D)	4	X	4.00	X	0.83	X	7.00	=	92.96	cft
	Door size(D1)	1	X	3.00	X	0.83	X	7.00	=	17.43	cft
	Door size(D2)	1	X	2.50	X	0.83	X	7.00	=	14.53	cft
	Window	8	X	4.00	X	0.83	X	4.00	=	106.24	cft
	Window2	1	X	3.00	X	0.83	X	4.00	=	9.96	cft
	Ventilator	8	X	2.00	X	0.83	X	1.00	=	13.28	cft
								(-)	=	541.54	cft
								Net Quantity	=	1410.44	cft
								Or say	=	39.92	Cum

8	16mm thick cement plaster (1:6), finished smooth to brick work after cleaning the surface incl. watering, curing etc. complete with cost, conveyance, royalties & taxes of all materials, labour and T&P etc complete as per the direction of E.I.C.										
	Drawing & Dining	2	X(	10.00	+	20.33	)X	10.00	=	606.60	Sft
	Master Bed Room	2	X(	10.00	+	11.16	)X	10.00	=	423.20	Sft
	Bed Room	2	X(	10.00	+	10.00	)X	10.00	=	400.00	Sft
	Kitchen	2	X(	10.00	+	6.58	)X	10.00	=	331.60	Sft
	Toilet	2	X(	6.00	+	4.92	)X	10.00	=	218.40	Sft
	Office	2	X(	10.00	+	12.00	)X	10.00	=	440.00	Sft
									=	2419.80	sft
	Deduction										
	Door size(D)	4	X	4.00	X	7.00			=	112.00	Sft
	Door size(D1)	1	X	3.00	X	7.00			=	21.00	Sft
	Door size(D2)	1	X	2.50	X	7.00			=	17.50	Sft
	Window	8	X	1/2	X	4.00	X	4.00	=	64.00	Sft
	Window2	1	X	1/2	X	3.00	X	4.00	=	6.00	Sft
	Ventilator	8	X	1/2	X	2.00	X	1.00	=	8.00	Sft
								Total deduction	=	228.50	sft
								Net Quantity	=	2191.30	sft
								Or say	=	203.57	Sqm
9	12mm thick cement plaster (1:6) for brick work after racking out joints incl. watering, curing etc. complete with cost, conveyance, royalties & taxes of all materials, labour and T&P etc complete as per the direction of E.I.C..										
	Wall out side	2	X(	42.25	+	11.66	)X	10.00	=	1078.20	Sft
		1	X	32.50	X	10.00			=	325.00	Sft
	Step side	1	X	12.66	X	5.50			=	69.63	Sft
									=	1472.83	sft
	Deduction										
	Less Door	2	X	1/2	X	4.00	X	7.00	=	28.00	Sft
	Window	8	X	1/2	X	4.00	X	4.00	=	64.00	Sft
	Window2	1	X	1/2	X	3.00	X	1.00	=	1.50	Sft
								Total deduction	=	93.50	sft

						Net Quantity	=	1379.33	sft
						Or say	=	128.14	Sqm
10	20mm thick cement plaster (1:6), finished smooth to stone work after cleaning the surface incl. watering, curing etc. complete with cost, conveyance, royalties & taxes of all materials, labour and T&P etc complete as per the direction of E.I.C.								
	Wall out side	2	X(	43.08	+	12.49	)X	2.50	= 277.85 Sft
									Or say
									25.81 Sqm
11	12mm thick cement plaster (1:4) over brick work with cement punning for skirting after racking out joints incl. watering, curing etc. complete with cost, conveyance, royalties & taxes of all materials, labour and T&P etc complete as per the direction of E.I.C..								
	Wall out side	2	X(	11.66	+	6.00	)X	6.00	= 211.92 Sft
									Or say
									19.69 Sqm
12	Supplying fitting fixing vetrified tiles in floors of size 600 mm x 600 mm of approved make with application of polymer modified cement based water resistant adhesive bed of required thickness of 10 mm and filling joints with epoxy grout of approved quality including cost, conveyance, royalty, taxes of all materials with all labour, T&P required etc. complete as per the direction of E.I.C..								
	Verandah Opening	1	X	4.00	X	7.00			= 28.00 sft
	Drawing & Dining	1	X	10.00	X	20.33			= 203.30 sft
	Dados	2	X(	10.00	+	20.33	)X	0.33	= 20.02 Sft
	Master Bed Room	1	X	10.00	X	11.16			= 111.60 sft
	Dados	2	X(	10.00	+	11.16	)X	0.33	= 13.97 Sft
	Bed Room	1	X	10.00	X	10.00			= 100.00 sft
	Kitchen	1	X	10.00	X	6.58			= 65.80 sft
	Dados	2	X(	10.00	+	6.58	)X	0.33	= 10.94 Sft
	Office	1	X	10.00	X	12.00			= 120.00 sft
	Dados	2	X(	10.00	+	12.00	)X	0.33	= 14.52 Sft
									Total
									= 688.15 sft
									Or say
									= 63.93 Sqm

13	Supplying, fitting and fixing Vetrified tiles in walls, dado skirting, risers of steps on 12mm Cement plaster (1:3) jointed with neat cement slurry mixed with colour pigments to match the colour of tiles including rubbing and polishing etc. complete. (AR-2006,Page-90, item-17)										
	Toilet	1	X	6.00	X	4.92		=	29.52	sft	
	Toilet Dados	2	X(	6.00	+	4.92	)X	5.00	=	109.20	Sft
	Kichen Dados	2	X(	10.00	+	6.58	)X	5.00	=	165.80	Sft
								Total	=	304.52	sft
	Deduction										
	Door	1	X	2.50	X	5.00		=	12.50	Sft	
	Door	1	X	3.00	X	5.00		=	15.00	Sft	
								Total	=	27.50	sft
								Net	=	277.02	Sqm
								Quantity.	=	277.02	Sqm
								Or say	=	25.74	Sqm
14	Supplying of M.S.doors, window frames and ventilators made out of M.S. angle, CR sheet, M.S. flat for window grill with locking arrangements with a coat of iron primer including cost, carriage, taxes of all materials and labour etc. complete and as per direction of the Engineer-in-Charge.										
	Door size(D)	4	X	4.00	X	7.00	X	3.00	=	336.00	
	Door size(D1)	1	X	3.00	X	7.00	X	3.00	=	63.00	
	Window	8	X	4.00	X	4.00	X	4.00	=	512.00	
	Window2	1	X	3.00	X	4.00	X	4.00	=	48.00	
	Ventilator	8	X	2.00	X	1.00	X	1.50	=	24.00	
								Total	=	983.00	Kg
15	Painting two coats with approved paint to doors and windows over a coat of primer incl. cost of all material,T&P and labour etc complete.(for Iron work) as per direction of the EIC.										
	Door size(D)	4	X	4.00	X	7.00	X	2.25	=	252.00	sft
	Door size(D1)	1	X	3.00	X	7.00	X	2.25	=	47.25	sft
	Window	8	X	4.00	X	4.00	X	2.75	=	352.00	sft

	Window2	1	X	3.00	X	4.00	X	2.75	=	33.00	sft			
	Ventilator	8	X	2.00	X	1.00	X	1.00	=	16.00	sft			
								Total	=	700.25	sft			
								Or say	=	65.05	Sqm			
16	Finishing walls with water proofing cement paint of approved shade on new work two coats to give an even shade including cost of paint.													
17	Quantity same as item	=	8	+	9	+	10	=		357.52	Sqm			
	Distemping two coats to wall with distemper of approved shade on new work to give an even shade including cost of distemper.													
	16mm thick plaster area No.				=	8					203.57	Sqm		
											Total.=			
18	Labour welfare @1% of civil Cost													
19	Supplying fitting fixing of Water connection & PH Works 15%													
20	Supplying fitting fixing of Installation of Electrification works 10%													
21	Supplying fitting fixing of Fabricated Door													
											Grand Total.=			
											Or say.=			

SCHEDULE
CONSTRUCTION OF FOREST GUARD QUARTER

Sl. No.	Description of item	No		Length		Width		Height		Quantity	Unit	Rate	Amount
				"ft"		"ft"		"ft"					
	Center line method												
	Longwall			3	x	25.50				76.50	ft		
	Longwall			1	x	10.83				10.83	ft		
	Short wall			4	x	18.75				75.00	ft		
	Short wall			2	x	10.83				21.66	ft		
	Total			(A)	+	(B)				183.99	ft		
	Door,Window & Ventilator												
	Door size(D)	3	X	4.00	X	7.00		=		84.00	Sft		
	Door size(D ₁)	2	X	3.00	X	7.00		=		42.00	Sft		
	Door size(D ₂)	1	X	2.50	X	7.00		=		17.50	Sft		
	Window	4	X	4.00	X	4.00		=		64.00	Sft		
	Window2	3	X	3.00	X	4.00		=		36.00	Sft		
	Ventilator	8	X	2.00	X	1.00		=		16.00	Sft		
	Ver. Opening	1	X	10.00	X	7.00		=		70.00	Sft		
								Total . =	=	329.50	sft		
	Floor Area												
	Verandah	1	X	4.00	X	10.00		=		40.00	Sft		
	Drawing Room	1	X	8.33	X	10.00		=		83.30	Sft		
	Master Bed Room	1	X	10.66	X	10.00		=		106.60	Sft		
	Kitchen	1	X	8.00	X	7.08		=		56.64	Sft		
	Dinning	1	X	8.92	X	7.08		=		63.15	Sft		
	Toilet	1	X	5.25	X	7.08		=		37.17	Sft		
	Office	1	X	10.00	X	10.00		=		100.00	Sft		
								Total . =	=	486.86	sft		
1	Earth work in excavation of foundation in hard soil with all lead & lift including dressing & levelling the bed of the foundation to the required width & depth & stacking the excavated materials away from the working areas etc.complete as per the direction of E.I.C.												
	Qty=	1	X	183.99	X	2.50	X	2.50	=	1149.94	cft		
	Coloumn	12	X	4.00	X	4.00	X	5.00	=	960.00	cft		

	Soakpit	1	X	4.00	X	4.00	X	0.50	=	8.00	cft		
										1329.04	cft		
	<u>Deduct</u>												
	Coloumn	12	X	4.00	X	2.50	X	0.50	=	60.00	cft		
								Net					
								Quantity	=	1269.04	cft		
								Or say	=	35.91	Cum		
3	C.C.(1:3:6) using 40mm HG metal of approved quality from approved quarry incl. hoisting, laying concrete in layers not exc. 15cm thick, compacting curing, finishing the exposed surface smooth, dewatering, shoring, shuttering if necessary at the time of laying concrete with cost, conveyance, royalty & taxes of all materials, cost of labour and T&p etc. all complete as per the direction of E.I.C..(A/R P/43 item 3)												
	<u>Under foundation</u>												
	Filler wall	1	X	183.99	X	2.50	X	0.50	=	229.99	cft		
	Coloumn	12	X	4.00	X	4.00	X	0.50	=	96.00	cft		
	Steps	1	X	11.66	X	4.00	X	0.50	=	23.32	cft		
	Steps		X		X		X	0.50	=	6.00	cft		
		1		4.00		3.00			=				
	<u>Plinth filling inside</u>												
	Verandah	1	X	4.00	X	10.00	X	0.33	=	13.20	cft		
	Drawing Room	1	X	8.33	X	10.00	X	0.33	=	27.49	cft		
	Master Bed Room	1	X	10.66	X	10.00	X	0.33	=	35.18	cft		
	Kitchen	1	X	8.00	X	7.08	X	0.33	=	18.69	cft		
	Dinning	1	X	8.92	X	7.08	X	0.33	=	20.84	cft		
	Toilet	1	X	5.25	X	7.08	X	0.33	=	12.27	cft		
	Office	1	X	10.00	X	10.00	X	0.33	=	33.00	cft		
	Septic tank	1	X	11.66	X	7.66	X	0.33	=	29.47	cft		
	Soakpit	1	X	4.00	X	4.00	X	0.33	=	5.28	cft		
								Total	=	550.73	cft		
	<u>Deduct</u>												

	Coloumn	12	X	4.00	X	4.00	X	0.50	=	96.00	cft
								Net			
								Quantity	=	454.73	cft
								Or say	=	12.87	Cum
4	R.R.H.G. stone masonry in C.M. (1:6) in foundation and plinth using hard granite stone boulders not less than 0.025 cum picked up including cost, conveyance, royalty, taxes of all materials with all labour, T&P required etc. complete as per direction of the of E.I.C.										
	<u>A) Foundation and Plinth</u>										
	1 st footing	1	X	183.99	X	2.00	X	1.50	=	551.97	cft
	2 nd footing	1	X	183.99	X	1.50	X	1.50	=	413.98	cft
									=	965.95	cft
	<u>Deduct</u>										
	Column	12	X	4.00	X	2.00	X	1.50	=	144.00	cft
		12	X	4.00	X	1.50	X	1.50	=	108.00	cft
								Total	=	252.00	cft
								Net			
								Quantity	=	713.95	cft
								Or say	=	20.20	Cum
5	Reinforced Cement concrete M-20 Grade with crushed granite coarse aggregate 20mm down graded of approved quality mixed by concrete mixer and placing manually, compacting with vibrators including cost of all materials, labour charges and transportation of materials within a lead of 1.0km. by mechanical means and placement within initial lead of 50m and initial lift of 1.50m for mixed concrete complete as directed by Engineer in charge.										
	<u>A) Coloumn base</u>										
	Coloumn	12	X	4.00	X	4.00	X	0.75	=	144.00	cft
	Sloping portion	12	X	((3.5X3.5)+(1.25X1.25))/2			X	2.00	=	165.60	cft
	Column	12	X	0.83	X	0.83	X	2.00	=	16.53	cft

								=	326.13	cft	
								Or say	=	9.24	Cum
B) Plinth Bend	1	x	183.99	x	0.83	x	1.00	=	152.71	cft	
								Or say	=	4.32	Cum
C) Lintel Band	1	x	183.99	x	0.83	x	0.50	=	76.36	cft	
								Or say	=	2.16	Cum
<u>D) Coloumn & Beam</u>											
Coloumn	12	X	0.83	X	0.83	X	10.00	=	82.67	cft	
Roof Beam	1	x	183.99	X	0.83	X	0.66	=	100.79	cft	
								=	183.46	cft	
								Or say	=	5.19	Cum
<u>D) For roof slab</u>											
Roof slab	1	X	27.33	X	20.58	X	0.33	=	185.61	cft	
	1	X	12.66	X	12.66	X	0.33	=	52.89	cft	
Septic tank	1	X	11.66	X	7.66	X	0.33	=	29.47	cft	
Soakpit	1	X	4.00	X	4.00	X	0.33	=	5.28	cft	
Window	6	x	5.00	X	2.00	X	0.25	=	15.00	cft	
Chhaja	3	x	11.66	X	2.00	X	0.25	=	17.49	cft	
Kitchen Chhaja	2	x	17.50	X	2.00	X	0.25	=	17.50	cft	
Verandah Opening	1	x	11.66	X	2.00	X	0.25	=	5.83	cft	
								=	329.07	cft	
								Or say	=	9.31	Cum
6	Cutting, straightening, coiled or bent up T. S. rod for R.C.C. work incl. bending, binding & tying the grills and placing in proper position with cost, conveyance, taxes of binding wire 18 to 20 gauge and T.S. rod, cost of all labour & T&P etc complete as per the direction of E.I.C.										
A) Coloumn base			326.13	@	3.00		kg/cft	=	978.39		
B) Plinth Bend			152.71	@	1.50		kg/cft	=	229.07		
C) Lintel Band			76.36	@	3.50		kg/cft	=	267.26		
D) Coloumn & Beam			183.46	@	5.00		kg/cft	=	917.30		
E) For roof slab & chajjas.			329.07	@	2.50		kg/cft	=	822.68		

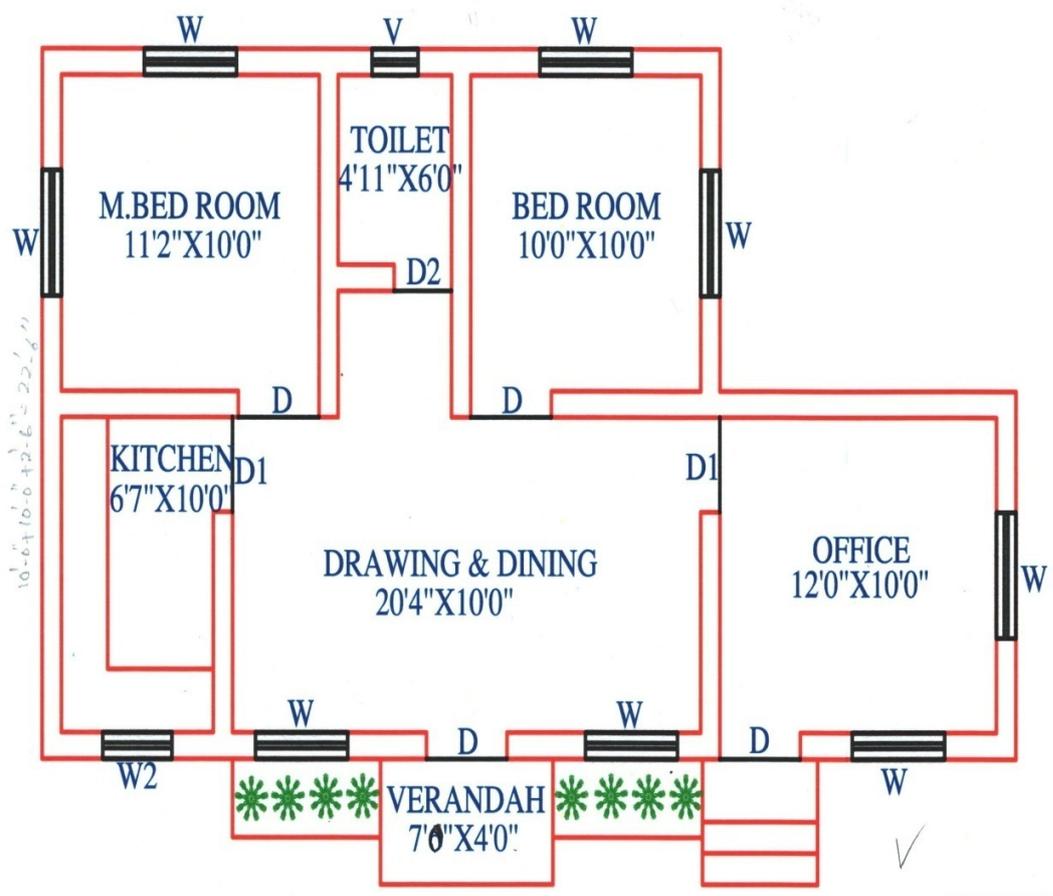
8	16mm thick cement plaster (1:6), finished smooth to brick work after cleaning the surface incl. watering, curing etc. complete with cost, conveyance, royalties & taxes of all materials, labour and T&P etc complete as per the direction of E.I.C.											
	Verandah	2	X(	4.00	+	10.00	)X	10.00	=	280.00	Sft
	Drawing Room	2	X(	8.33	+	10.00	)X	10.00	=	366.60	Sft
	Master Bed Room	2	X(	10.66	+	10.00	)X	10.00	=	413.20	Sft
	Kitchen	2	X(	8.00	+	7.08	)X	10.00	=	301.60	Sft
	Dinning	2	X(	8.92	+	7.08	)X	10.00	=	320.00	Sft
	Toilet	2	X(	5.25	+	7.08	)X	10.00	=	246.60	Sft
	Office	2	X(	10.00	+	10.00	)X	10.00	=	400.00	Sft
									=	2328.00	sft	
	<u>Deduction</u>											
	Door size(D)	3	X	4.00	X	7.00			=	84.00	Sft	
	Door size(D1)	2	X	3.00	X	7.00			=	42.00	Sft	
	Door size(D2)	1	X	2.50	X	7.00			=	17.50	Sft	
	Window	4	X	1/2	X	4.00	X	4.00	=	32.00	Sft	
	Ventilator	8	X	1/2	X	2.00	X	1.00	=	8.00	Sft	
	Ver. Opening	1	X	1/2	X	10.00	X	7.00	=	35.00	Sft	
									=	Total deduction		
									=	218.50	sft	
									=	Net Quantity		
									=	2109.50	sft	
									=	Or say		
									=	195.97	Sqm	
9	12mm thick cement plaster (1:6) for brick work after racking out joints incl. watering, curing etc. complete with cost, conveyance, royalties & taxes of all materials, labour and T&P etc complete as per the direction of E.I.C..											
	Wall out side	2	X(	26.33	+	19.58	)X	10.00	=	918.20	Sft
		1	X	32.50	X	10.00			=	325.00	Sft	
	Step side	1	X	15.66	X	5.50			=	86.13	Sft	
									=	1329.33	sft	
	<u>Deduction</u>											
	Less Window	6	X	1/2	X	4.00	X	4.00	=	48.00	Sft	
	Less Window	8	X	1/2	X	2.00	X	1.00	=	8.00	Sft	
	Ver. Opening	1	X	1/2	X	10.00	X	7.00	=	35.00	Sft	

								=				
								Or say	=	47.23	Sqm	
13	Supplying, fitting and fixing Vetrified tiles in walls, dado skirting, risers of steps on 12mm Cement plaster (1:3) jointed with neat cement slurry mixed with colour pigments to match the colour of tiles including rubbing and polishing etc. complete. (AR-2006,Page-90, item-17)											
	Toilet	1	X	5.25	X	7.08			=	37.17	sft	
	Toilet Dados	2	X(	5.25	+	7.08	)X	5.00	=	123.30	Sft	
	Toilet Dados	2	X(	8.00	+	7.08	)X	5.00	=	150.80	Sft	
								Total	=	311.27	sft	
	Deduction											
	Door	1	X	2.50	X	5.00			=	12.50	Sft	
	Door	1	X	3.00	X	5.00			=	15.00	Sft	
								Total	=	27.50	sft	
								Net Quantity.	=	283.77	Sqm	
								Or say	=	26.36	Sqm	
14	Supplying of M.S.doors, window frames and ventilators made out of M.S. angle, CR sheet, M.S. flat for window grill with locking arrangements with a coat of iron primer including cost, carriage, taxes of all materials and labour etc. complete and as per direction of the Engineer-in-Charge.											
	Door size(D)	3	X	4.00	X	7.00	X	3.00	=	252.00		
	Door size(D1)	2	X	3.00	X	7.00	X	3.00	=	126.00		
	Window	4	X	4.00	X	4.00	X	4.00	=	256.00		
	Window2	3	X	3.00	X	4.00	X	4.00	=	144.00		
	Ventilator	8	X	2.00	X	1.00	X	1.50	=	24.00		
								Total	=	802.00	Kg	
15	Painting two coats with approved paint to doors and windows over a coat of primer incl. cost of all material,T&P and labour etc complete.(for Iron work) as per direction of the EIC.											
	Door size(D)	3	X	4.00	X	7.00	X	2.25	=	189.00	sft	

	Door size(D1)	2	X	3.00	X	7.00	X	2.25	=	94.50	sft		
	Window	4	X	4.00	X	4.00	X	2.75	=	176.00	sft		
	Window2	3	X	3.00	X	4.00	X	2.75	=	99.00	sft		
	Ventilator	8	X	2.00	X	1.00	X	1.00	=	16.00	sft		
								Total	=	574.50	sft		
								Or say		53.37	Sqm		
16	Finishing walls with water proofing cement paint of approved shade on new work two coats to give an even shade including cost of paint.												
	Quantity same as item	=	8	+	9	+	10	=		333.11	Sqm		
17	Distempering two coats to wall with distemper of approved shade on new work to give an even shade including cost of distemper.												
	16mm thick plaster area No.			=	8					195.97	Sqm		
											Total.=		
18	Labour welfare @1% of civil Cost												
19	Supplying fitting fixing of Water connection & PH Works 15%												
20	Supplying fitting fixing of Installation of Electrification L.S.												
21	Supplying fitting fixing of Fabricated Door												
											Grand Total.=		
											Or say.=		

Certified that the estimate has been prepared basing on the Revision P.W.D.Schedule of Rate, 2014 on GST Over head charges have not been added to the rate.

82



10'-6" + 10'-0" + 12'-6" = 33'-6"

PLINTH AREA-690 SQ FT
OFFICE AREA-149 SQ FT
TOTAL AREA-839 SQ FT

Uday
28/10/2020
ACFCCAMPA

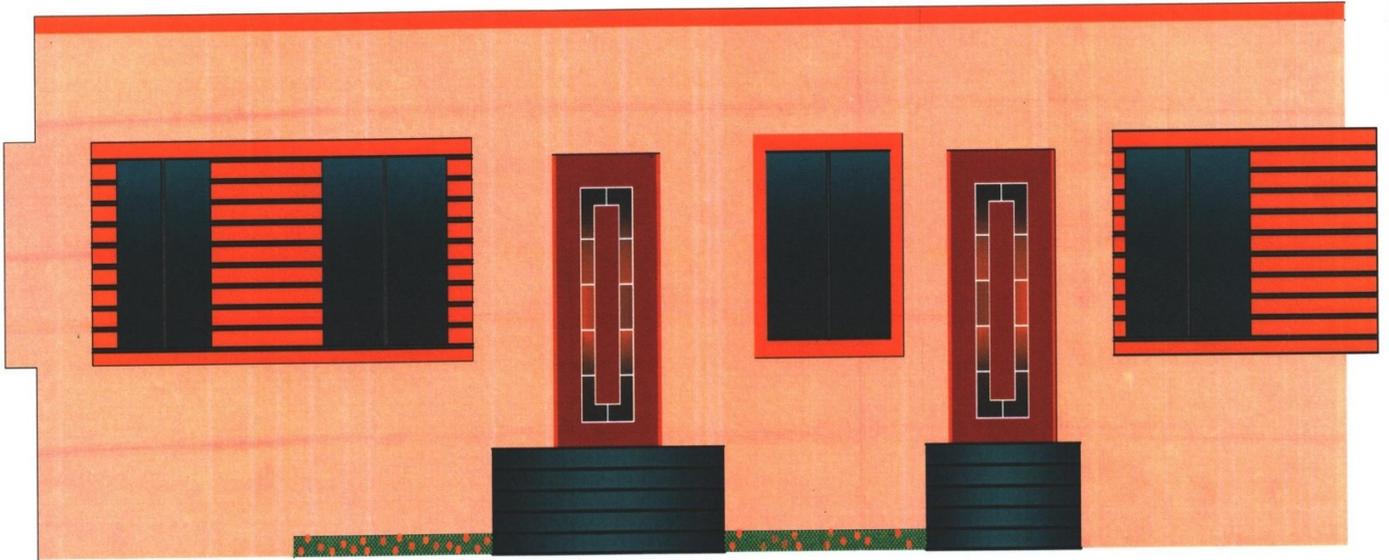
[Signature]
28/10/2020
Dy.CFO (CAMPA)
O/o PCCF, Odisha

[Signature]
28/10/2020
Chief Executive Officer
State CAMPA, Odisha
O/o. PCCF & HoFF, O...

[Signature]
Principal Chief Conservator of Forests
Forest Division & Nodal Officer, FC A...

PROPOSED PLAN OF DY.RANGER/FORESTER QUARTER.

NAME OF THE CONSULTANT:
SOVA CONSULTANTS
 (Approved by Govt. of Odisha, An ISO 9001:2015 Certified.)
 Soil Testing Laboratory & Engineering Consultant.
 REGD. OFF- Pl. no-37, Jagmohan Nagar, Bhubaneswar-751030, Odisha.
 Phone-9437171010, 9437280639
 E-mail-consultsova@gmail.com



Uday
28/10/2020
AGF (CAMPAs)

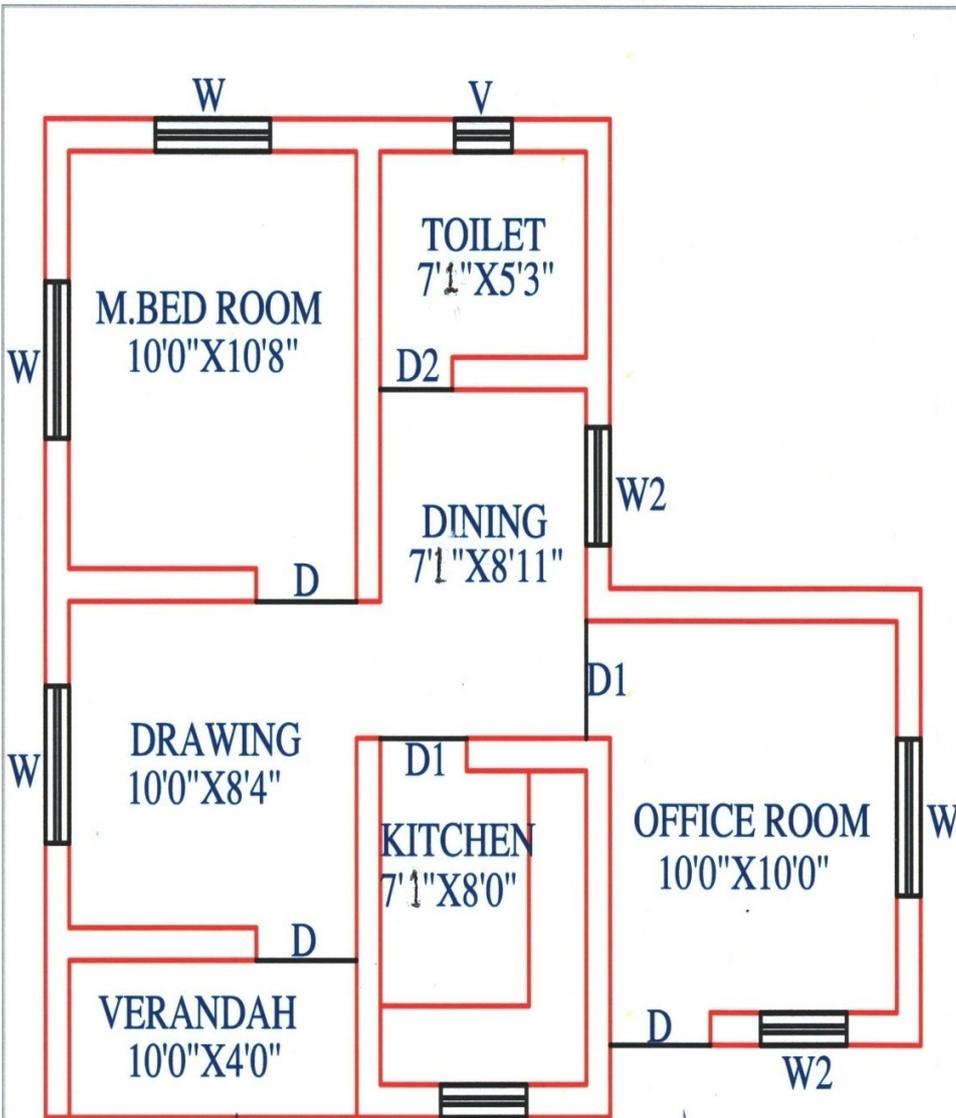
[Signature]
28/10/2020
Dy. CF (CAMPAs)
PCCF, Odisha

[Signature]
28/10/2020
AEEF (KL)
Chief Executive Officer
State CAMPAs, Odisha
O/o. PCCF & Hoff, Odisha

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

PROPOSED ELEVATION OF DY.RANGER/FORESTER QUARTER.

NAME OF THE CONSULTANT:-
SOVA
CONSULTANTS
(Approved by Govt. of Odisha, (An ISO 9001:2015 Certified.)
Soil Testing Laboratory & Engineering Consultant.
REGD. OFF. Pl.no-37, Jagmohan Nagar, Bhubaneswar-751030, Odisha.
Phone-9437171010, 9437280639
E-mail-consultsova@gmail.com



[Signature]
Principal Chief Conservator of Forests,
Forest Diversion & Nodal Officer, FC Act

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

[Signature]
28/10/2020
ACF (CAMP A)

[Signature]
28/10/2020
Dy. CF (CAMP A)
O/o PCCF, Odisha

[Signature]
28/10/2020
Dy. CF (CAMP A)

[Signature]
28/10/2020
Chief Executive Officer
State CAMP A, Odisha
O/o. PCCF & HoFF, Odisha

PROPOSED PLAN OF FOREST GUARD QUARTER.

NAME OF THE CONSULTANT
SOVA
CONSULTANTS
(Approved by Govt. of Odisha, (An ISO 9001:2015 Certified.)
Soil Testing Laboratory & Engineering Consultant.
REGD. OFF.-PL.No-37, Jagmohan Nagar, Bhubaneswar-751030, Odisha.
Phone-9437171010, 9437280639
E-mail-consultsova@gmail.com

69



28/10/2020
ACFC (CAMPa)

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

28/10/2020
Chief Executive Officer
State CAMPa, Odisha
O/o. PCCF & HoFF, Odisha

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

PROPOSED ELEVATION OF FOREST GUARD QUARTER.

NAME OF THE CONSULTANT:
SOVA CONSULTANTS
(Approved by Govt. of Odisha, X/A No ISO 9001:2015 Certified.)
Soil Testing Laboratory & Engineering Consultant.
REGD. OFF-Pl.no-37, Jagmohan Nagar, Bhubaneswar-751030, Odisha.
Phone-9437171010, 9437280679
E-mail-sonuhoava@gmail.com

Tender Inviting Notice approved for 58 Number of Pages

Divisional Forest Officer, Khariar.
Divisional Forest Officer
Khariar Division.