

Notice Inviting Tender

Sealed proposals were invited from experienced and reputed firms for “**TENDER FOR BALANCE PREFAB CONSTRUCTION WORKS AT TITALIKHET, NEAR RANIKHET IN ALMORA DISTRICT**” as per tender conditions. The tender shall be received till 5 PM on 06.01.2026 and shall be opened at 11:00 AM on 07.01.2026. Details may be seen on our website <http://www.jicauttarakhand.org>.

Chief Project Director
Uttarakhand Forest Resource Management Project,
49, IT Park, Dehradun – 248001

TENDER

TENDER FOR COMPLETION OF BALANCE PREFAB CONSTRUCTION WORKS AT TITALIKHET, NEAR RANIKHET IN ALMORA DISTRICT



Uttarakhand Forest Resource Management Project
49, I.T. Park, Dehradun – 248001
Phone: 0135- 2796200, Mob: 9958161109

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UTTARAKHAND FOREST RESOURCE MANAGEMENT PROJECT

Address: 49, I.T. Park, Sahasradhara Road, Dehradun-248001

Phone: 0135-2796200, E-mail: cpdufrmp@gmail.com.

NOTICE INVITING TENDER

1.0 **TENDER DETAILS**

UFRMP invites Item rate tender in two bid system from experienced and eligible Contractors for “**Tender for balance Prefab works at Titalikhet near Ranikhet in Almora District**” as per information provided in the table below:

Tendering Document No.	TCP (Titalikhet-3)
Name of the Work	“Tender for balance Prefab construction works at Titalikhet near Ranikhet in Almora District”
Brief Scope of Work	Construction/ renovation/repair of LGSF huts
Estimated Cost	Rs.71,02,953.00
Period for completion	60 (Sixty) Days
Earnest Money Deposit @ 2.5% of Estimated Cost	EMD of Rs.1,77,500.00 in the form of Demand Draft in favor of “ Uttarakhand Forest Resource Management Project ”. payable at Dehradun as follows.
Cost of Tender Documents	Rs.2,000.00 as a cost of tender documents in the form of Demand Draft in favor of “ Uttarakhand Forest Resource Management Project ” payable at Dehradun is essentially required to be submitted along with the bid documents
Place, last date & time of submission of Tender	49, IT Park, Dehradun 06.01.2026 before 5.00 PM
Date & Time of Opening of Bids	07.01.2026 at 11.00 AM (Any change in schedule shall be intimated later)
Validity of Bid	90 days from the date of submission of tender bid.
Pre-Bid queries	For any other query, please contact Jay Kumar Sharma Contact no. 9958161109

The tender document can be download from the website www.jicauttarakhand.org. Tender fees and EMD is to be submitted in the form and manner described in table above failing which tender will be summarily rejected.

2.0 **MINIMUM ELIGIBILITY CRITERIA**

A. **Technical**

The interested bidders should meet the following minimum qualifying criteria:

Work Experience:

- i) **The bidding firm must have an experience of executing similar works as defined and the firm must have successfully completed similar works during the last 5 years ending initial stipulated last date of submission of tenders as per NIT:**

- a. Three similar works each costing not less than 20% of the estimated cost put to tender.
or
- b. Two similar works each costing not less than 35% of the estimated cost put to tender.
or
- c. One similar work costing not less than 50% of the estimated cost put to tender.

“Similar works” shall mean “Prefab building construction / repair / renovation work”.

B. Financial:

- i) The Average annual financial turnover for last 5 years shall be at least 100% of the estimated cost put to tender.
- ii) Net Worth of the company /firm as on last day of preceding financial year, should be positive.

C. Other Eligibility:

- (i) The Tenderer should be registered or have worked with any central / state Government/ Semi-Government Organization.
- (ii) The Tenderer should not be barred, black-listed form any Government/ Semi-Government Organization.
- (iii) Bidder should have all necessary registrations viz. GST, PAN, EPF etc.

3.0 SUBMISSION BY THE TENDERS:

The proposal is required to be submitted in sealed envelope, super-scribed “Tender for balance Prefab construction works at Titalikhet near Ranikhet in Almora District” containing two separate sealed envelopes for technical and commercial bids.

4.0 EARNEST MONEY DEPOSIT

Earnest Money Deposit of amount mentioned in “NIT of Tender” required to be submitted along with the tender shall be in the form of Demand Draft payable at place as mentioned in NIT in favour of **“Uttarakhand Forest Resource Management Project”** payable at **Dehradun** from any scheduled bank.

The EMD shall be valid for a minimum period of (Ninety) days from the last day of submission of bid as per NIT.

The EMD shall be payable to UFRMP without any condition(s), resource or reservations. Please note the following:

- The Bid will be rejected by UFRMP as non-responsive and shall not be considered in case EMD is not received in physical form.
- The EMD of bidders other than Successful tenderer shall be returned within 15 days, after opening of Financial Bid.
- The EMD of the successful consultant will be discharged on signing of the agreement and deposit of the Bid Security fee to UFRMP. The successful tenderer must deposit

Bid Security @ 5% of the finalized cost of the project in to form of FD / Bank Guarantee in the favor of “**Uttarakhand Forest Resource Management Project**” within 07 days of the issuance of LOI by UFRMP.

- If the bidder fails to deposit the Bid Security amount within the stipulated time period, the EMD of the successful bidder shall be forfeited. In such cases UFRMP may offer the works to the other bidders or call for fresh tender.
- The Bid Security Fee shall be returned to the successful tenderer on completion of the **Defect Liability Period (DLP)**.

The intending tenderer must read the terms and conditions of UFRMP-JICA carefully. The applicant should only submit his tender if the organization is eligible and meets the defined criteria. Information and Instructions for Tenderers posted on Website(s) shall form part of Tender Document.

5.0 SITE VISIT

The bidder at his own responsibility, expenses and risk, is encouraged to visit and examine the Site(s) of Project/Work(s) and its/their surroundings and obtain all information (including that on the risks, contingencies and other circumstances which may affect or influence the bid) that may be necessary for preparing the Bid and entering into a contract. No extra charges consequent on any misunderstanding or otherwise shall be allowed.

6.0 TENDER OPENING AND AWARD OF WORKS

Bids shall be opened and checked for all participating Tenderers (on the scheduled time). Submission of all Documents, Payment of Tendering Fees, Meeting Eligibility Criteria, etc.

The technical bids shall be opened on the scheduled date of opening and shall be evaluated for technical requirements. Financial bids of technically successful bidders shall be opened on a date to decided later.

The competent authority will award the Contract to the Bidder whose Bid has been determined to be substantially responsive to the Bidding documents and who has offered the lowest evaluated Bid Price.

7.0 GENERAL INFORMATION

- I. The bidders are advised in their own interest to submit their bid documents well in advance from last date/time of submission of bids so as to avoid problems which the bidders may face in submission at last moment /during rushhours.
- II. The past experience in similar nature of work should be supported by certificates issued by the client’s organization. UFRMP has the right to verify any of these certificates whenever required.
- III. Tenderer should submit the Tender documents in Hard Copy in duplicate.
- IV. If the tenderer is found ineligible after opening of tenders, his tender shall become invalid, and cost of tender document and processing fee shall not be refunded.
- V. If any discrepancy is noticed between the documents at any later stage, cost of tender document and processing fee shall not be refunded.

- VI. Notwithstanding anything stated above, UFRMP reserves the right to assess the capabilities and capacity of the tenderer to perform the contract, in the overall interest of UFRMP. In case, tenderer's capabilities and capacities are not found satisfactory, UFRMP reserves the right to reject the tender.
- VII. As the tender is on Item Rate basis, price shall be entered against each item in the Bill of Quantities / Schedule of Quantities. The sum total shall be also quoted in figures.
- VIII. All the submitted documents must be duly signed by Tenderer/ authorized representative.
- IX. UFRMP reserves the right to reject any or all tenders or cancel/withdraw the invitation for bid without assigning any reasons whatsoever thereof. UFRMP does not bind itself to accept lowest tender. The UFRMP reserves the right to award the work to a single party or to split the work amongst two or more parties as deemed necessary without assigning any reason thereof.
- X. The tender shall be decided based on lowest rates quoted for individual packages. The bidder is bound to accept One or more of the packages as offered by UFRMP. No claim of the contractor whatsoever shall be entertained by UFRMP on this account.
- XI. For all scheduled BOQ items, the nomenclature/rates/unit of applicable DSR items shall be applicable. In case, any ambiguity is observed in scheduled BOQ items, nomenclature, unit, and rate of relevant DSR item will hold good.
- XII. For site related queries, please contact Chief Engineer (TCP), 49, IT Park, Sahstradhara road, Dehradun- 248 001 contact no. 9958161109.

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GENERAL CONDITIONS

1. Definitions

Terms which are defined in the Contract Document other than those defined hereunder shall keep their respective meanings as defined therein.

- i. The **Contract** means the legally binding written agreement including all the attachments and information signed between the Employer and the Contractor herein, to execute & complete the works in a specified time and thereafter to maintain them during the defect liability period specified therein.
- ii. **Bill of Quantities (BOQ)** means the priced and completed Bill of Quantities forming part of the Contract.
- iii. The **Completion Date** is the actual date of completion of the Works as certified by the Employer in accordance with relevant sub-clauses below.
- iv. The **Contractor** is proprietorship firm whose bid has been accepted by the Employer to carry out the Works, as specified in this contract.
- v. The **Contract Price** is the price stated in the Contract and thereafter as adjusted in accordance with the provisions of the Contract.
- vi. **Days** are calendar days; **months** are calendar months and **years** are calendar years.
- vii. A **Defect** is any part of the Works not completed in accordance with the Contract.
- viii. The **Defects Liability Period** is the period specified in the Contract and calculated from the Completion Date.
- ix. The **Employer** is the authority named in the Contract (or any other competent authority working under him, authorized and notified to the contractor) who will employ the Contractor to execute this Contract.
- x. The **Employer's Representatives** are the persons specified in the Special Conditions of the Contract (SCC).
- xi. **Equipment** is the Contractor's machinery (including Tools & Plants) and vehicles brought temporarily to the site for proper execution of works.
- xii. GCC means the General Conditions of Contract.
- xiii. The **Intended Completion Date** is the date on which it is intended that the Contractor shall complete the works. The Intended Completion Date is specified in the Contract. The Intended Completion Date may be revised/ extended only by the competent authority by issuing an official letter specifying the extension of Contract.
- xiv. **Materials** are all supplies, including consumables, intended to be used and brought to site / site store, including their quantity actually consumed, by the Contractor in the Works.
- xv. **Party** means the Employer or the Contractor, as the case may be, and "Parties" means both of them.

- xvi. **Plant** is any integral part of the Works which is to have a mechanical, electrical, electronic or chemical or biological function.
- xvii. The **Site** is the project area as defined in the Contract.
- xviii. **Specifications** mean the Specifications of the Works included in the Contract and any modifications or additions made/approved by the Employer for proper execution and completion of works.
- xix. The **Start Date** is the date when the Contractor is required to commence the execution of contracted works.
- xx. **“Third Party”**, means any person or entity other than the Employer and the Contractor.
- xxi. A **Variation** is the difference in quantities of works resultant to any instructions duly given by the Employer either in writing or verbally which varies from the Works as specified in BOQ.
- xxii. **Compensation Events** is the situation which would prevent works to be completed on or before the Intended Date of Completion except the conditions under Force Majeure.

2. Interpretation

In interpreting these General Conditions of Contract, singular also means plural, male also means female or neutral, and the other way around. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined.

3. Subcontracting

Subcontracting of works is allowed for minor works.

4. Force Majeure

- (i) For the purpose of this Contract “Force Majeure” means an event which is beyond the reasonable control of Employer or Contractor, is not foreseeable, is unavoidable, and which makes performance and its obligations hereunder impossible or so impractical, as reasonable to be considered impossible in the circumstances, and includes, but is not limited to war, riots, civil disorder, earthquake, fire, explosion, storm, flood or other adverse weather conditions.
- (ii) Force Majeure shall not include (a) any event which is caused by the negligence or intentional action of Employer or Contractor, (b) any event which through diligence could reasonably have been expected to be considered at the time of the conclusion of this contract, avoid or overcome in the carrying out of its obligations hereunder.
- (iii) Force Majeure shall not include insufficiency of funds or failure to make payment required.

5. Employer’s / Contractor's Obligations and Liquidated Damages

The Employer carries the risks which this Contract states are Employer’s risks, and the Contractor carries the risks which this Contract states are Contractor’s risks.

6 (i) Employer's Risks

The Employer is responsible for the expected risks which are specified below:

- (a) the risks mentioned under force majeure in so far as they directly affect the execution of the Works, or

- (b) a cause due, solely, to the design of the Works, other than the Contractor's design, or
- (c) dispute by villagers on land / source / alignment etc., or
- (d) non-availability of funds, or

6 (ii) Contractor's Risks

All risks of loss of, or damage to,

- (a) the risks mentioned under force majeure in so far as they directly affect the execution of the Works,
or
- (b) Physical property (either pertaining to the Contracted Works or to the Employer or any Third Party)
- (c) Personal injury or death (of Contractor's staff / member of work-force or the Employer's staff or any Third Party) which arise during and in consequence of the performance of the Contract,

The risks mentioned at (b) and (c) above are the responsibility of the Contractor.

6 (iii) Liquidated Damages

The Contractor shall pay liquidated damages to the Employer at the rate per week stated in the Contract for each week that the Completion Date is later than the Intended Completion Date (for the whole of the works or the milestone as stated in the contract document). The total amount of liquidated damages shall not exceed the amount defined in the Contract. The Employer may deduct liquidated damages from payments due to the Contractor. Time is the essence of the contract and payment or deduction of liquidated damages shall not relieve the contractor from his obligation to complete the work as per agreed construction program and milestones or from any other of the contractor's obligations and liabilities under the contract.

If the Intended Completion Date is extended after liquidated damages have been paid, the Employer shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate.

6. The Works to Be Completed by the Intended Completion Date

The Contractor shall make all efforts to commence the execution of the works on the Start Date and shall carry out the Works in accordance with the schedule given by the Contractor and duly approved by the Employer. This program shall invariably be within the framework of the milestones prescribed in Contract, in order that all the works are completed in all respect by the Intended Completion Date.

7. Approval by the Employer

The Contractor shall get approved drawings from the Employer. All the Specifications and site plan shall be approved by the Employer. The Contractor shall solely be responsible for safety of all materials / machinery / equipment's etc. stored / placed for this purpose and all residing / handling personnel. The Employer's approval shall not relieve the Contractor of his responsibility of proper design and safety of the Temporary Works.

8. Identifying Defects & Shortcomings

The Employer shall check the Contractor's work, but such checking shall not relieve the Contractor of his responsibilities regarding correctness, quality and quantity of works in any manner. The Employer shall notify the Contractor of any defects or shortcomings that are found and instruct the Contractor to search for a defect or shortcoming and to uncover and test any work which may have a defect or shortcoming in their opinion.

9. Procedure for Settlement of Disputes and Arbitration

The Parties shall seek to resolve any dispute amicably by mutual consultation. If the dispute cannot be settled amicably, such dispute or disagreement shall be finally settled under the rules of Arbitration, as applicable, as per Uttarakhand procurement rules

For this Contract the jurisdiction shall be Dehradun/ Uttarakhand state.

10. Program

Within the time stated in the Contract and the milestones specified therein, the Contractor shall submit to the Employer for approval of a detailed Program for execution of the Works including Environmental Management Plan showing the general methods, arrangements, sequence and detailed timing for all the activities necessary for the Works along with monthly cash flow forecast. This Program shall necessarily include PERT Chart as well as Bar Chart of all the activities.

An update of the Program shall be a program showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining works including any changes to the sequence of the activities required for timely completion of works within the Intended Completion Date.

11. Extension of the Intended Completion Date

The Employer may extend the Intended Completion Date, if a Compensation Event occurs or a Variation is necessitated which makes it impossible for Completion to be achieved by the Intended Completion Date without taking additional steps to accelerate the remaining work and which would cause the Contractor to incur additional costs.

12. Completion and Commissioning of Work

The Contractor shall ensure to complete and commission the Work before or on the day of the Intended Completion Date as defined in Contract. Well before the end of completion period, the Contractor shall request the Employer to issue a certificate of completion of the works and the Employer will do so after inspecting the works by himself through technical Audit / Third Party Quality Control team and certify that the work has been completed as per the specifications within the completion period as defined in the contract document.

13. Changes in the Quantities (Variation)

If the quantity of the work to be executed differs from the quantity in the Bill of Quantities for the particular item, it should be brought to the notice of the Employer by the Contractor before the execution of work. After verification, he will approve for such variations in quantities of the Contract. If requested by the Employer, the Contractor shall provide the Employer with detailed cost breakdown of any rate in the Bill of Quantities.

14. Payments

Payments shall be adjusted for deductions of advance payments and other recoveries in terms of the contract and taxes, at source, as applicable under the law. The Employer shall pay the Contractor, the certified amounts as early as possible.

15. Tax

The rates quoted by the Contractor are basic inclusive of the GST. GST shall not be paid extra. The Employer will release payments after deduction of taxes at source as per applicable law.

16. Penalty

In case of non-completion / delay in completion of Works as scheduled, an amount will be deducted as penalty as mentioned in the Special Conditions of Contract (SCC).

17. Performance Security

The Performance Security shall be applicable as per terms of the NIT.

18. Completion

The Contractor shall request the Employer to issue a Certificate of Completion of the Works and the Employer will do so upon deciding that the Work is completed in accordance with relevant clauses.

19. Taking Over

The Employer shall take over the Site and the Works within Fifteen days after certificate of completion has been issued.

20. Termination

The Employer may terminate the Contract if the other party causes a fundamental breach of the Contract, or any other reason thereof. If the Contract is terminated the Contractor shall stop work immediately, handover the site along with the work executed and materials available at the site up to the date of termination. The Employer shall immediately takeover the site along with the materials on 'As is where is basis' and make it safe and secure.

If the contract is terminated all the conditions as per Uttarakhand procurement rules shall be applicable.

21. Payment upon Termination

If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Employer shall issue a certificate for the value of the work completed as per the satisfaction of the Employer. The payment upon termination will be done after deducting advance payments received up to the date of the issue of the certificate, other recoveries due in terms of the contract, tax due to be deducted at source as per applicable law and the penalty to be imposed as per the rates as indicated in the Contract. If the total amount due to the Employer exceeds any payment due to the Contractor the difference shall be a debt payable to the Employer.

22. Property

All materials on the Site, Plant, Equipment, Temporary Works and Works are deemed to be the property of the Employer, if the Contract is terminated because of a Contractor's default. The Employer will assess the cost of utilizable materials lying at site, which will be final and binding to the Contractor and will be deemed to be the property of the UFRMP. The Employer will be free to use the materials for the Works under the present project or any other project.

23. Fraud and Corruption

The Employer requires that Contractor, and Consultants under this contract, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the Employer defines, for the purposes of this provision, the terms set forth below as follows:

- a. "Corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; "fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;
- b. "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence or affect the execution of the contract.

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Format I: TECH I

COVER LETTER FOR TECHNICAL BID

Date:

To,
Chief Project Director
Uttarakhand Forest Resource Management Project (UFRMP)
24, IT Park,
Sahasradhara Road, Dehradun PIN- 248001
Email: **cpdufrmp@gmail.com**

Sub: Tender for Balance Prefab works at Titalikhet near Ranikhet in Almora District”

Dear Sir,

Having examined the tender notice, I/we, the undersigned, intend to submit our bid in response to the tender notice for “**Tender for balance Prefab works at Titalikhet near Ranikhet in Almora District**”. We attach the response as per requirements under this tender, which constitutes our bid.

Contacts Information

PARTICULARS	INFORMATION
Name	
Title/ Designation	
Name of the Firm	
Address of the Firm	
Website	
Phone	
Mobile	
Fax	

2. We confirm that the information contained in this response, or any part thereof, including its exhibits and other supporting documents & instruments delivered or to be delivered to UFRMP is true, accurate, verifiable and complete. This response includes all the information necessary to ensure that the statements therein do not in whole or in part mislead UFRMP in its evaluation process.

3. We fully understand and agree to comply that on verification, if any of the information provided here is found to be misleading during this evaluation process or anytime thereafter, we are liable to be dismissed from the process or termination of the Contract during the Project, if awarded to do so, for providing the said Services to the Project. We agree to unconditional acceptance of all the terms & conditions set out in the tender document.

4. It is hereby confirmed that I/ we are entitled to act on behalf of our Firm/ Joint Venture and are authorized to sign this document as well as such other documents, which may be required in this connection.

We further affirm that:

- i) Our Proposal shall be valid and remain binding upon us for the period of time specified in the bid.
- ii) We confirm our understanding of our obligation to abide by project’s policy with regard to

corrupt and fraudulent practices.

- iii) Our Proposal is binding upon us and subject to any modifications resulting from the Contract negotiations.

Dated this day of month, 2019

(Signature) in the capacity of
Name & address of the Firm with seal stamp of the Bidder

Witness signature

Witness name

We hereby declare that:

We understand you are not bound to accept any Proposal that you receive.

Yours sincerely,

Authorised Signature [in full and initials]

Name and Title of Signatory:

Enclosed: Cover sealed envelope contains two separate sealed envelopes inside– one containing Technical Proposal along with the cover letter, processing fee & EMD, and second sealed envelope containing Financial Proposal.

**Format 2:TECH II: Letter of Authorisation
(To be submitted on organization's letterhead)**

Date: _____

To,
Chief Project Director
Uttarakhand Forest Resource Management Project (UFRMP)
24, IT Park,
Sahasradhara Road, Dehradun PIN- 248001

Sub: for “Tender for balance Prefab works at Titalikhet near Ranikhet in Almora District”

Ref: Your tender no _____ dated _____

Dear Sir,

With reference to your tender notice No. _____ dated _____, we hereby authorize Mr/Ms<name>, <designation> of our organization whose signature is attested below, as our authorized representative to sign the bid documents including all documents in support of our bid on our behalf.

We hereby agree to ratify the acts, deeds and things lawfully done by our aforesaid representative shall and shall always be deemed to have been done by us and accordingly binding on us.

(Signature of Authorized Representative)

Yours Sincerely,

(Signature)

Name:

(Designation/ Head of Firm)

Format 3:TECH III: Bid Validity

UNDERTAKING

(ON NON-JUDICIAL STAMP PAPER OF RS. 100/-)

I, the undersigned do hereby give undertaking that our Firm M/s..... agree to abide by this bid for a period of 3 months (90 days) as per relevant clauses of ITB.

.....
(Signed by an Authorized Officer of the Firm)

.....
(Title/ Designation of Officer)

.....
(Name of Firm)

Format 4: TECH IV: Undertaking

(ON NON-JUDICIAL STAMP PAPER OF RS. 100/-)

“Tender for balance construction works at Titalikhet near Ranikhet in Almora District”

I/ We, the undersigned, do hereby declare that I/ we have no dues/ recovery pending of IT, CST, State Trade Tax or any other Government Department Taxes with any previous Employer and are not barred nor blacklisted by ant Government / Semi Government / Public sector organisations / enterprises for any works.

We shall be fully responsible for the consequences if the information is found false / misleading at any stage of the evaluation process or after the award of the contract.

.....
(Signed by Authorized Officer of the Firm)

.....
(Title/ Designation of Officer)

.....
(Name of Firm)

Format 5: TECH V- DETAILS OF WORK EXPERIENCE

“Tender for balance construction works at Titalikhet near Ranikhet in Almora District”

S No.	Name of work and its location	Name of Client	Date and Number of Completion Certificate	Date of Start	Date of Completion	Cost of Work on completion
1.						
2.						
3.						
4						
5						

Signature of Bidder with Seal

Format 6: FIN 1: Summary of Financial Bid

“Tender for balance Construction works at Titalikhet near Ranikhet in Almora District”

S.No.	Items	Amount in figures (In Rupees)	Amount in words (in Rupees)
1	Construction/ renovation / repair of LGSF huts. Balance Prefab construction works at Titalikhet near Ranikhet in Almora District”		
	Grand Total (including GST)		

Signature of Bidder with Seal

Format 7: FIN II

Bill of Quantities					
Balance works of Eco-Tourism at Titalikhet (Staff block, Dining and Kitchen and One Bed room cottage at Uttarakhand)					
Sr. No.	Description of Items	Unit	Quantity	Rate in Rs.	Amount in Rs.
I	Civil Works				
1.0	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge: In cement mortar.	Cum.	22.34		
2.0	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
	Nominal concrete 1:3:6 or richer mix (including equivalent design mix).	Cum.	2.76		
3.0	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge.				
	All kinds of Soil.	Cum.	6.08		
4.0	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.				
	Ordinary rock.	Cum.	3.62		
5.0	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm.	491.08		
6.0	Carriage of materials manually including loading, unloading and stacking of excavated earth upto 1.0 Km.	Cum.	9.70		
	Concrete Works				

7.0	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
i)	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	Cum.	0.52		
ii)	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources).	Cum.	0.94		
8.0	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75 mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	Sqm.	61.01		
9.0	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand).	Cum.	37.47		
10.0	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
	Cement mortar 1:4 (1 cement :4 coarse sand).	Sqm.	2.20		
11.0	Centering and shuttering including strutting, propping etc. and removal of form for:				
	Suspended floors, roofs, landings, balconies and access platform.	Sqm.	6.96		
12.0	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg.	41.76		

13.0	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels.				
	Granite of any colour and shade.				
	Area of slab over 0.50 sqm.	Sqm.	9.10		
14.0	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.				
	Granite work.	metre	15.16		
15.0	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	metre	15.16		
16.0	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/Granite /stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	Each	4.00		
17.0	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Each	615.80		
	Wood & PVC Works				

18.0	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).				
	Second class teak wood.	Cum.	0.07		
19.0	Providing 40x5 mm flat iron hold fast 400 mm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 300x100x150 mm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	Each	8.00		
20.0	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:				
	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm.	74.16		
21.0	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws :				
	35 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size.				
	Second class teak wood.	Sqm.	17.28		
22.0	Providing and fixing glazing in windows. Float glass panes: 4 mm thickness glass pane (weight not less than 10 kg/sqm).	Sqm.	84.04		
23.0	French spirit polishing.				
	Two or more coats new works including a coat of a wood filer.	Sqm	96.51		
24.0	Extra for providing frosted glass panes 4 mm thick (weight not less than 10 kg per sqm) instead of ordinary float glass panes 4 mm thick (weight not less than 10 kg per sqm) in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured).	Sqm.	4.74		

25.0	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	Sqm	74.16		
26.0	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	each	14.00		
27.0	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.				
	1.0 mm thick.	Sqm	148.32		
28.0	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :				
	300x16 mm.	Each	8.00		
29.0	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
i)	300 x 10 mm.	Each	39.00		
ii)	150x10 mm.	Each	31.00		
30.0	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
	125 mm.	Each	72.00		
31.0	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
	Twin rubber stopper.	Each	33.00		

32.0	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles of approved quality with necessary screws etc. complete.	Each	11.00		
33.0	Providing and fixing ISI marked oxidised M.S. door latches conforming to IS:5930 with screws etc. complete (Copper oxidised as per IS 1378). 300x20x6 mm.	Each	12.00		
34.0	Providing and fixing factory made uPVC white color sliding glazed window up to 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealant shall be paid separately). Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.				
	Ventilator Casement window single panel with or without fixed panel with S.S. 304 friction hinges as per size and weight of sash, single point locking				

	zinc alloy (zamak) powder coated handles.				
i)	Using R2 series with frame (39 mm & above) x (39 mm & above) & sash /mullion (39 mm & above) x (60 mm & above). (Height upto 1.2 metre).	Sqm.	5.94		
	Three track three panels sliding window with two glazed & one wire mesh panels with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.				
ii)	Using R3 series with frame (98 mm & above) x (40 mm & above) & both glazed and fly screen sash (30 mm & above) x (55 mm & above) with zinc alloy (zamak) powder coated handle on every glazed panel along with multi-point locking system. (Height upto 1.8m).	Sqm.	99.15		
35.0	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete.				
	Galvanised M.S. Wire gauze with 0.63 mm dia wire and 1.4 mm aperture on both sides.	Sqm.	39.66		
36.0	Providing and fixing, in position wall paneling on existing G.I. frame using board of required thickness. Board is fixed to the 'W' profile with 25 mm countersunk ribbed head screws @ 200 mm C/C., all complete as per the drawing & directions of engineer-in-charge, the joints of the boards are finished with specially formulated jointing compound and 48 mm wide jointing tape to provide seamless finish.				
	Multipurpose cement board reinforced with suitable fibre cement screw.				
i)	12 mm thick.	Sqm.	25.00		
ii)	Plain Gypsum plaster board conforming to IS: 2095 Part -1:2011 (Board with BIS certification marks).				
	12.5 mm thick.	Sqm.	45.00		
iii)	Only for jointing and taping of gypsum board 12.5 mm thick.	Sqm.	692.88		
	Flooring Works				

37.0	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
	25mm thick.	Sqm.	58.08		
38.0	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	Sqm.	29.36		
39.0	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete.	Sqm.	104.11		
40.0	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.				
	Size of Tile 600x600 mm	Sqm.	370.75		
41.0	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white				

	cement & matching pigments etc. complete.				
	Size of Tile 600x600 mm	Sqm.	38.65		
42.0	Providing and fixing thermal insulation with Resin Bonded Fibre glass wool conforming to IS: 8183 having density 24 kg/m ³ , 50 mm thick, wrapped in 200G Virgin Polythene Bags fixed to wall with screw, rawel plug & washers and held in position by criss crossing GI wire etc. complete as per directions of Engineer-in-Charge.	Sqm.	5.10		
43.0	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm.	1,385.75		
44.0	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. One coat.	Sqm.	166.44		
45.0	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour (including priming coat).	Sqm.	1,385.75		
46.0	Finishing walls with textured exterior paint of required shade : New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm.	Sqm.	723.33		
47.0	Finishing walls with textured exterior paint of required shade : Old work (One or more coats) applied @ 1.82 ltr/10 sqm.	Sqm.	110.82		

48.0	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
	Hot finished seamless type tubes.	Kg	852.84		
49.0	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work.				
	On steel work.	Sqm.	81.40		
50.0	Supplying and installation of moisture resistant/fire resistant 9 mm thick Heavy duty fiber cement board (High pressure steam cured) conforming to IS 14862:2000 of category III type B as per standard sizes fixed with self-drilling / taping screws. Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick of 8 to 10 gauge of length varying from 25 to 45 mm.	Sqm.	35.00		
	Sub Total For DSR Items				
	NON DSR Items				
1.0	Providing and fixing Trim for window and door 1mm thick with zinc coating not less than 275 gm/cum galvanized sheet materail Girth up to 400mm.	RM	414.30		
	Sub Total For NON DSR Items				
II	Electrical Works				
1.0	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class existing PVC conduit, with modular switch, modular plate, suitable existing GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group C.	Each	28.00		
2.0	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class existing PVC conduit, with modular switch, modular plate, suitable existing GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. (Only modular switch, modular plate for suitable existing GI box and required connection etc.)				

	Group C.	Each	214.00		
3.0	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	Metre	100.00		
4.0	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
i	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire (Circuit wire for Light and 5A socket).	Metre	278.00		
ii	2 X 10 sq. mm + 1 X 6 sq. mm earth wire.	Metre	83.00		
5.0	Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.				
	4 Pair.	Metre	100.00		
6.0	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface (on surface of wall/ slab, metal decking/ trusses etc as per site conditions with suitable fixing arrangement)/ /recessed steel/PVC conduit as required.	Metre	46.00		
7.0	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
i)	5/6 A Switch.	Each	11.00		
ii)	3 pin 5/6 A socket outlet.	Each	2.00		
iii)	Telephone socket outlet.	Each	9.00		
iv)	TV antenna socket outlet.	Each	8.00		
v)	Bell Push.	Each	5.00		
8.0	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	19.00		

9.0	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	4.00		
10.0	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.				
i)	1 or 2 Module (75mmX75mm).	Each	10.00		
ii)	6 Module (200mmX75mm).	Each	1.00		
11.0	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	Nos.	68.00		
12.0	Supplying and fixing suitable size GI box with modular plate and cover in Front on surface or in recess, including providing and fixing 6 pin 15/16 & 5/6 amps modular socket outlet and 15/16 amps modular switch, connection, painting etc. as required.	Each	26.00		
13.0	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	Nos.	30.00		
14.0	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	Nos.	5.00		
15.0	Installation, testing and commissioning of pre-wired, LED fitting / fluorescent fitting / compact fluorescent fitting of all types, with all accessories and tube/lamp etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	Nos.	193.00		
16.0	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	Nos.	18.00		
17.0	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.				
	Upto 450 mm sweep.	Nos.	12.00		

18.0	Extra for fixing the louvers/ shutters complete with frame for a exhaust fan of all sizes.	Nos.	12.00		
	Distribution Works				
19.0	Supplying and fixing following way, single pole and neutral, steel sheet, MCB distribution board, 230 V on surface/recess complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator).				
	12 way, Double Door.	Each	3.00		
19.0	Supplying and fixing following way, horizontal type three pole and neutral, steel sheet, MCB distribution board, 415 V on surface/recess complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator).				
	6 way (4 + 18), Double Door.	Each	4.00		
20.0	Supplying and fixing 5 A to 32 A rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	Single pole.	Each	68.00		
21.0	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	40 amps.	Each	11.00		
22.0	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	63 A.	Each	8.00		
	Total for DSR items				
	NON DSR Items				
	Lighting Fixtures & Fans				
	Supply of the following LED light fixtures complete with drivers and				

	other accessories, fans and exhaust fans etc.				
1.0	Mirror LED Light 3W.	Nos.	10.00		
2.0	LED Surface Mounted Downlighter.	Nos.	97.00		
3.0	LED Surface Mounted 600 x 600 mm.	Nos.	8.00		
4.0	Bracket Light.	Nos.	27.00		
5.0	4' LED Batten Wall Light.	Nos.	3.00		
6.0	Bed Side Table Light.	Nos.	10.00		
7.0	Study Table Light.	Nos.	8.00		
8.0	Bulk Head Lights.	Nos.	21.00		
9.0	Ceiling Fans.	Nos.	18.00		
10.0	Exhaust Fans.	Nos.	12.00		
	Sub Total For NON DSR Items				
III	External Plumbing				
1.0	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge.				
	All kinds of Soil.	Cum.	13.80		
2.0	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge.				
	Ordinary rock.	Cum.	4.95		
3.0	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lift.	Cum.	14.06		
4.0	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources).	Cum.	2.81		
	Sanitary Fixture & Fittings				

	DSR Items				
1.0	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.	Each	6.00		
2.0	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
	W.C. pan with ISI marked white solid plastic seat and lid.	Each	2.00		
3.0	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:-				
	White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer.	Each	10.00		
4.0	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	Each	10.00		
5.0	Providing and fixing G.I. inlet connection for flush pipe connecting with W.C. pan.	Each	6.00		
6.0	Providing and fixing CP Brass Single lever telephonic wall mixer of quality & make as approved by Engineer in charge.				
	15 mm nominal dia.	Each	6.00		
7.0	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	Flexible pipe.				
	32 mm dia.	Each	4.00		

8.0	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required :				
	Single half stall urinal with 5 litre P.V.C. automatic flushing cistern.	Each	1.00		
9.0	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	10.00		
10.0	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	Each	6.00		
11.0	Providing and fixing toilet paper holder.				
	C.P brass.	Each	8.00		
12.0	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	Each	3.00		
13.0	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	Each	3.00		
14.0	Providing & fixing uplasticised PVC connection pipe with brass unions.				
	45 cm length.				
	15 mm nominal bore.	Each	52.00		
15.0	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.				
	15 mm nominal bore.	Each	7.00		

16.0	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.				
	15 mm nominal bore.	Each	10.00		
17.0	Providing and fixing C.P. brass angle valve 15mm dia for cistern, basin mixer and gyser points of approved quality conforming to IS : 8931.				
	15mm nominal bore.	Each	52.00		
18.0	Providing and fixing PTMT soap Dish Holder having length of 138 mm, breadth 102 mm, height of 75 mm with concealed fitting arrangements, weighing not less than 106 gms.	Each	4.00		
	Soil, Waste, Vent Water Pipes				
	DSR Items				
1.0	Providing and fixing soil, waste and vent pipes.				
	100mm dia.				
	Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989.	Metre	56.00		
2.0	Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 (1 cement : 2 fine sand) in S.C.I./ C.I. Pipes :				
	100mm dia.	Each	17.00		
3.0	Providing and fixing M.S. holder bat clamps of approved design to sand cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10 x 10 x 10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) including cost of cutting holes and making good the walls etc.				
	For 100 mm dia pipe.	Each	11.00		
4.0	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.				
	100mm.				
	sand cast iron S&S as per IS: 3989.	Each	9.00		
5.0	Providing and fixing plain bend of required degree.				
	100mm.				
	sand cast iron S & S as per IS: 3989.	Each	9.00		
6.0	Providing and fixing heel rest sanitary bend.				
	100 mm dia.				
	Sand cast iron S&S as per IS - 3989.	Each	9.00		

7.0	Providing and fixing double equal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete :				
	100 x 100 x 100 x 100mm.				
	Sand cast iron S&S as per IS 3989.	Each	5.00		
8.0	Providing and fixing double equal plain junction of required degree.				
	100 x 100 x 100 x 100mm.				
	Sand cast iron S&S as per IS 3989.	Each	5.00		
9.0	Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.				
	100 x 100 x 100mm.				
	Sand cast iron S&S as per IS 3989.	Each	5.00		
10.0	Providing and fixing single equal plain junction of required degree.				
	100 x 100 x 100mm.				
	Sand cast iron S&S as per IS 3989.	Each	5.00		
11.0	Providing and fixing terminal guard :				
	100mm.				
	Sand cast iron S&S as per IS 3989.	Each	5.00		
12.0	Providing and fixing collar :				
	100mm				
	Sand cast iron S&S as per IS 3989	Each	9.00		
13.0	Providing lead caulked joints to sand cast iron/ centrifugally cast (spun) iron pipes and fittings of diameter:				
	100mm.	Each	9.00		
14.0	Painting sand cast iron/ centrifugally cast (spun) iron soil, waste vent pipes and fittings with two coats of synthetic enamel paint of any colour such as chocolate grey, or buff etc. over a coat of primer (of approved quality) for new work :				
	100 mm diameter pipe.	Metre	110.00		
15.0	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.				
	25 mm nominal dia Pipes.	Metre	110.00		

16.0	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
	110 mm diameter.	Metre	150.00		
	Internal Water Supply				
1.0	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.				
i)	15mm nominal outer dia. Pipes.	Metre	54.00		
ii)	20mm nominal outer dia. Pipes.	Metre	50.00		
iii)	25mm nominal outer dia. Pipes.	Metre	9.00		
2.0	Providing and fixing gunmetal gate valve with CI wheel of approved quality (Screwed end)				
	25mm nominal bore.	Each	5.00		
	Total for DSR Items				
	Non-DSR Items				
1.0	Providing & fixing storage type water heater of approved shade with copper container, glasswool insulation, stove enamelled M.S jacket, thermostatically controlled inner heater with pilot neon lamps, angle valve on inlet connection, 15mm dia C.P flexible connection pipe in inlet & outlet suitable for working pressure of 5 kg/sqcm complete as required. Capacity as under:				
	5 Litre Capacity.	Each	2.00		
	15 Litre Capacity.	Each	7.00		
2.0	Providing and fixing of floor traps formed of Cast Iron 'P' traps complete, including cost of cutting and making good the walls and floors wherever required.				
	100 mm inlet and 100 mm outlet.	Each	8.00		

3.0	Providing and fixing floor trap Extension Piece made out of 100 mm dia M.S. pipe (heavy grade C-Class) of required length (upto 450 mm) with 32 mm to 50 mm dia threaded maleable iron sockets (maximum 4 nos.) welded as side inlets, neatly finished, inside and outside painted with 2 coats of redoxide primer & 2 coats of synthetic enamel paint, including the cost of jointing with floor trap with dripseal joint.	Each	11.00		
4.0	Providing and fixing floor drain points formed out of 100 X 50 mm dia reducing elbow with suitable extension piece including cost of cutting and making good the walls and floors wherever required.	Each	14.00		
5.0	Providing and fixing 125 mm dia round chrome plated bronze grating with frame, screw down type embedded in floor, all complete.	Each	20.00		
6.0	Providing, fixing, testing and commissioning 15 mm dia C.P. two way bib cock with wall flange, of make Jaquar Cat No CON-041KN or approved equivalent, all complete.	Each	8.00		
7.0	Providing and fixing low flow C.P brass ablution faucet (health faucet) of make Jaquar Cat No.: ALD-573GA or approved equivalent, comprising hand held shower with operating lever, 1 m long flexible tube and wall hookmeeting Green Building/ GRIHA certification requirement for flow, including all necessary accessories.	Each	8.00		
8.0	Providing, fixing, testing and commissioning of brass single flow shower make Jacquar Cat. No.OHS-1709 or approved equivalent with revolving ball joint and 190 mm long branch light body shower arm make Jacquar Cat. No. SHA-477 or approved equivalent in chrome finish including required accessories and fittings, all complete.	Each	6.00		
9.0	Providing, fixing, testing and commissioning of wall mounted low flow bath cum shower mixer fitting with diverter lever and bend, of make Jaquar Cat No. CON-273KNUPRGA or approved equivalent, meeting Green Building/ GRIHA certification requirement for flow, for overhead	Each	6.00		

	shower connection including making connections with water supply, cutting and making good the walls wherever required all complete .				
10.0	Providing, fixing, testing and commissioning 32 mm C.P. cast brass bottle trap of make Jaquar Model No. ALD-769 or approved equivalent with unions, waste connection pipes and wall flange, all complete including cutting and making good the walls and floors, all complete.	Each	8.00		
	Total for Non-DSR Items				

Signature of Bidder with Seal