



**NATIONAL HORTICULTURAL RESEARCH AND DEVELOPMENT
FOUNDATION**

TENDER DOCUMENTS

FOR

**CONSTRUCTION OF FARMERS TRAINING HOSTEL
AT-CHITEGAON PHATA, POST-DARNA SANGWI
TAL – NIPHAD, (VIA-PANCHAVATI S.O.)
DIST- NASHIK 422003 (MAHARASHTRA)**

TENDER NO:

NATIONAL HORTICULTURAL RESEARCH AND DEVELOPMENT FOUNDATION

HEAD OFFICE:

BAGWANI BHAWAN, PLOT NO. 47 PANKHA ROAD, INSTITUTIONAL AREA, JANAKPURI,
NEW DELHI-110058(INDIA)

PRICE BID**TENDER ISSUED TO** - M/S.**NAME OF WORK** - CONSTRUCTION OF FARMERS TRAINING HOSTEL AT-
Chitegaon Phata, POST-DARNA SANGWI TAL – NIPHAD, DIST- NASHIK**PROJECT OWNER** - NATIONAL HORTICULTURAL RESEARCH AND DEVELOPMENT
FOUNDATION CHITEGAON PHATA**SSR STATE LEVEL** - SSR YEAR 2022 – 23**BASIC RATES OF MATERIAL** - BASIC RATE: SSR 2022-23 (EXCLUDING GST)**APPROVED MAKE:** CEMENT – ULTRATECT / AMBUJA (AS PER APPROVED MAKE LIST)
STEEL – TISCO/SAIL/RAJURI/POLAD (AS PER APPROVED MAKE LIST)
RATES ARE INCLUSIVE OF ALL TAXES INCLUDING GST.

ELECTRICITY AND WATER CHARGED SHOULD BE BORNE BY THE CONTRACTOR.

TENDER - SUMMARY

COST OF WORK
(AS PER TENDER ESTIMATED COST)
ADD:

A).....%ABOVE THE ESTIMATED COST
OR
B).....%BELOW THE ESTIMA

TOTAL COST OF PROJECT

RS.	6,46,01,125.00
<u>RS.</u>	
<u>RS.</u>	
<u>RS.</u>	

NAME OF PERSON -**PROJECT BY: ARCHITECTS****CONTACT NUMBER -**
CONTRACTOR'S SEAL & SIGN-**AR.SWAPNIL D.NIKAM**

NATIONAL HORTICULTURAL RESEARCH AND DEVELOPMENT
FOUNDATION

TENDER DOCUMENTS

FOR

Name of Work: Construction Of Farmers Training Hostel For NHRDF, At-Chitegaon Phata, Nashik

Estimated Cost: Rs. 6, 46, 01,125.00
(In Words- Six Core Fourty Six Lakh One Thousand One Hundred Twenty Five).

Earnest Money Deposited by D.D.: 1% of Tendered Amount

Total Security Deposited : 5% (1% as EMD & 4% through Running Account Bills)

Cost of Blank Tender Document : Rs. 5,000/- (Non Refundable)

Last Date of Tender Submission : 25/01/2025 upto 2 PM

Time Limit for Completion of Work : Fifteen (15) Months

Defect Liability Period : Fifteen (15) Months

Date and Time of Opening of Technical Bid : 25/01/2025 at 3 PM

Validity Period : Ninety (90) Days

Issued to M/s. /Shri.

(Name & address of Contractor or His firm)

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UNDERTAKING

NAME OF THE WORK: Construction of Farmers Training Hostel for NHRDF, At- Chitegaon Phata, Nashik

I have gone through the procedure of submitting tender in the two envelope system and I am fully conversant with the details of procedure to be followed in the system. I will submit tender properly after reading all the relevant details.

Date

Signature

M/s

(Name & Detail Address of the Agency Submitting Tender)

DECLARATION OF THE CONTRACTOR

NAME OF THE WORK: Construction of Farmers Training Hostel for NHRDF, At-Chitegaon Phata, Nashik

I/ We hereby declare that I/We am/ are myself/ ourselves thoroughly conversant with the local conditions regarding all materials and labour on which I/ We have based My /Our rates of this tender. The specifications and leads on this work have been carefully studied and understood before submitting this tender. I/ We undertake to use only the best materials approved by the Architect or his dully authorized assistant during execution of the work and abide the decision.

Date

Signature

M/s

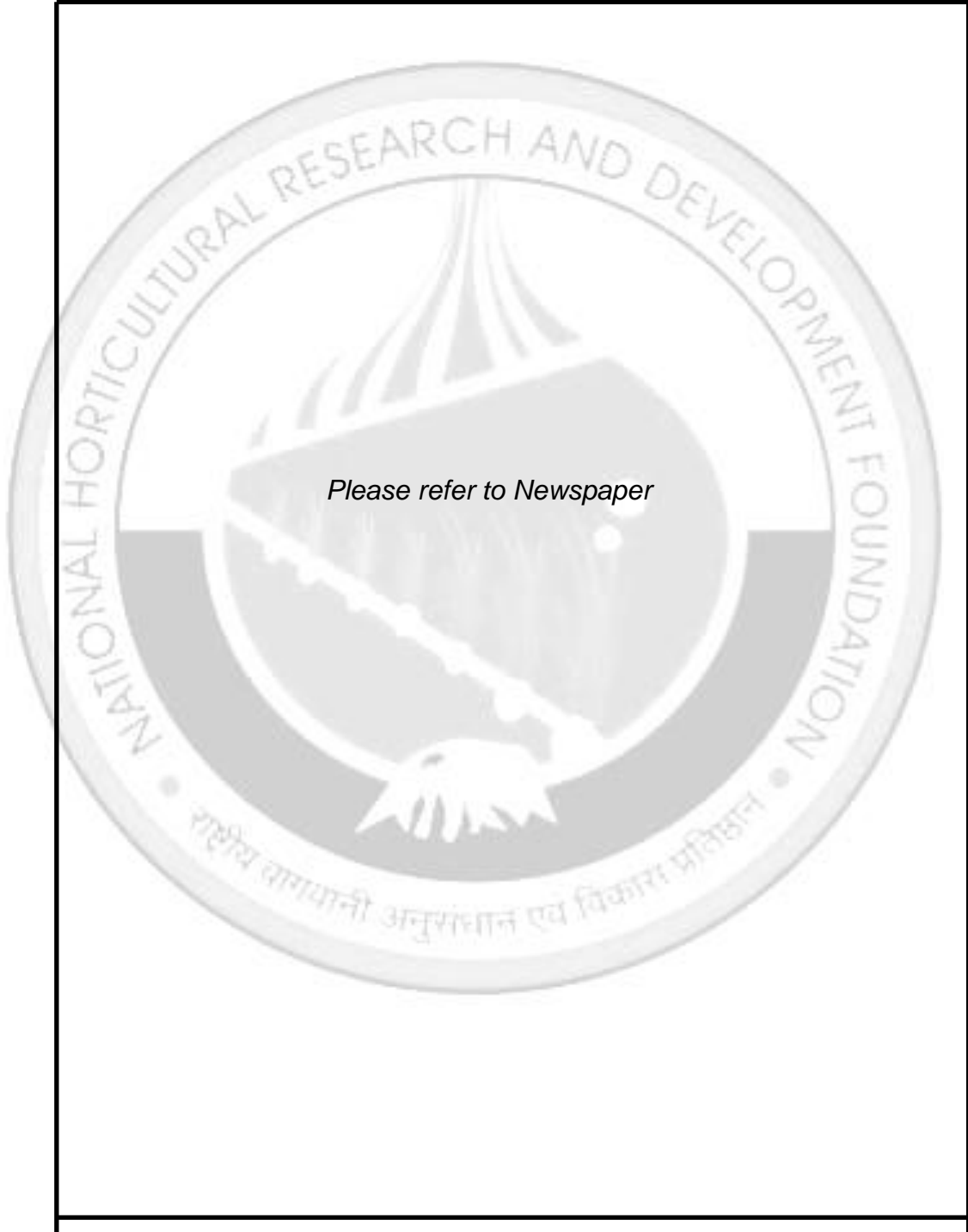
(Name & Detail Address of the Agency Submitting Tender)

TENDER NOTICE AS PUBLISHED IN NEWS PAPER

Name of the News Paper: Deshdoot, Nashik

Revision:

Date of Publishing: 09/01/2025



DETAILED TENDER NOTICE

Sealed Percentage Rate Tenders in form Schedule B are invited on or before **2 PM on 25/01/2025**
From reputed & Experienced Civil contractors for the works as mentioned in subsequent paragraphs.

Name of the Works: Construction of Farmers Training Hostel for NHRDF At-Chitegaon
Phata, Nasik

Tender documents will be issued from **10 AM to 5 PM** from NHRDF Chitegaon Office or can be
downloaded from NHRDF website.

1. Bidders should submit their tenders on or before **2 PM** on **25/01/2025** in NHRDF Chitegaon Office.
2. The Competent Authority i.e. *The Chief Executive Officer, NHRDF, New Delhi* reserves right to accept or reject any or all tenders without assigning reasons therefore.
3. The tenders shall be received in two envelopes system, as briefly discussed herein under.
4. Tender Document shall neither be sent nor received by post or courier.
5. No suggestions / conditions will be accepted for this work. The conditional tender will be rejected.
6. No alteration design will be accepted for this work.
7. No alternations in the form of tender, schedule of quantities, units, specifications and in the shape of special stipulations will be permitted. Tender of the Contractor/s quoting the rates for units other than specified in the tender will not be considered.
8. The contractors should make their own arrangement of water supply for construction purpose and testing purpose.
9. Validity period of the offer of the bidder will be 90 days from the receipt of the tender.
10. The lowest bidder will have to submit the rate analysis of all major items, if called for.
11. While quoting the offer, the contractor should mention above/ below or at par clearly. If nothing is mentioned, the offer will be treated "Below" at the percentage quoted by the bidder.
12. Escalation clause for this work is NOT applicable.
13. The amount of earnest money shall be forfeited in case after his / her / their tender is accepted and the contractor fail/ fails to complete the contract documents.
14. The Competent Authority i.e. *The Chief Executive Officer, NHRDF, New Delhi* may at its discretion defer the cancellation of the tender, if the contractor pays interest on the amount

of security deposit or any part thereof as remained unpaid, within specified period, at the rate of 20% per annum until the whole of such amount of security deposit has been paid.

15. Decision of tenders will vest with the Competent Authority i.e. *The Chief Executive Officer, NHRDF, New Delhi* who reserves the right of rejecting any or all the tenders without assigning any reasons for doing so.
16. Right is reserved to revise or amend the contract document fully or part thereof prior to date notified or amended for the receipt of tender. Such deviations / amendments if any shall be communicated in the form of corrigendum or by a letter as may be considered suitable.
17. The agency should have satisfactorily completed (start to finish) as a main contractor at least one similar type of work during last five years. Attested copy of certificate to that effect from concerned department is required to be produced at the time of submission of application for tender.



FORM OF TENDER - LETTER OF SUBMISSION OF TENDER

From:

M/s

(Name & Detail Address of the Agency Submitting Tender)

To,

The Chief Executive Officer
NHRDF,
New Delhi.

SUB: Construction of Farmers Training Hostel For NHRDF, At-Chitegaon Phata ,Nashik

Dear Madam,

Having examined the Tender document consisting notice Inviting Tender, General Conditions of contract, specifications, Drawings, Time Schedule, Schedule, Schedule of Rates and other documents and papers, all as detailed in the tender documents prepared by your Architects / Project Management Consultants **M/s. Swapnil D.Nikam** and having understood the provisions of the said tender documents and having thoroughly studied the requirements of **M/s. Swapnil D.Nikam** related to the work tendered in connection with the project and having conducted a thorough study of the job, Site(s) involved, the site conditions, soil condition, the climatic conditions of labour, power, water, material & equipment availability and suitability of borrow are, the availability of land for right of way and temporary office and all other factors and facilities and things whatever necessary to related to the formation of the tender and the performance of work, I/We hereby submit my/our tender for the performance of proposed work in accordance with the terms and conditions and within the time mentioned in the Tender Documents at the rate(s) quoted by me/us in the accompanying Schedule(s) of Rates included within the Tender Documents.

I / We hereby tender for the execution, for the , of the work specified in the Tender written memorandum within the time specified in such memorandum at% (In figures as well as in words) Below / above (.....please mention in writing) the estimated rates entered in schedule B (memorandum showing items of work to be carried out) and in accordance with all respects with the specifications, designs, drawing and instructions

I / We understand that the time limit for this job is **15 months** from the date of award of works.

It has been explained to me / us that the time stipulated for job(s) and Completion of Works (s) in all respects and in different stages mentioned in the "Time Schedule of Completion of jobs" and signed and accepted by me / us is ESSENCE OF THE CONTRACT. I/We agree that in case of my/our failure of to strictly observe the time completion of work in all respects according to the schedule set out in

the said "Time Schedule of completion of job (s)", I/We shall pay liquidated damages to the Owner as per provisions of tender documents.

I / We have annexed the following documents to this tender.

- i) Earnest Money in the manner as specified in Tender Clause thereof
- ii) Average Annual Turnover of the bidder
- iii) An upto date & valid Income Tax for three preceding years in original or true copy thereof duly attested by Gazetted officer.
- iv) Power of Attorney or Partnership Deed (if any)
- v) Xerox copy of GST Certificate.
- vi) Power of Attorney of the signatory of the bidder
- vii) Xerox copy of Registration with Provident Fund authorities.
- viii) Xerox copy of Registration with Employees State Insurance Commissioner
- ix) A detailed CPM / PERT Chart. (Using MS projects / Primavera / Yojana)
- x) Schedule of Rates in FORM-A.
- xi) Schedule of Daily Skilled / Unskilled Labour Rates in Form-B
- xii) Information regarding concurrent commitments in FORM-C.
- xiii) Information regarding equipments, tools tackles etc. in FORM-D.
- xiv) Information regarding site organisation in FORM-E
- xv) Information regarding bidder in FORM-G.
- xvi) Enclosures as per list of enclosures in FORM-H.
- xvii) Exceptions and deviations, if any, in FORM-I
- xviii) List of Arbitration / Disputes – Form – J.
- xix) Quality Assurance Plan - Form – K.
- xx) Housekeeping Plan – Form – L.
- xxi) Material Procurement Plan – Form - M.
- xxii) List of Equipments to be deployed during the progress of the work - FORM- N
- xxiii) Detail Work Programme - FORM-O
- xxiv) Original tender documents, as issued duly signed additional documents as listed below (if any)
- xxv) Geotagging Certificate by Architect. (Mandatory).

Note: The Certificate in respect of above documents, wherever necessary, should have been issued/certified/attested only after the date of issue of this tender.

I/We hereby undertake that the statements made herein and the information given in the Annexures referred to above, are true in all respects, and that in the event of any such statement or information being found to be incorrect will entitle the Owners to resend any resultant Contract.

"I/We confirm having deposited the 'Earnest Money Deposit' of Rs..... /- (Rupees Only) vide D.D. from Nationalised / Scheduled Bank bearing No.....on.....drawn in favour of NHRDF PAYABLE AT NASHIK as Earnest Money for the due execution of the works at my/our tendered rates, together with any variations in prices based by the Project Architects on these rates.

In the event of this tender being accepted, I/We agree to enter into and execute the necessary contract as required by you. I/We do hereby bind myself/ourselves for forfeit of the said Earnest Money of Rs...../- (Rupees Only) in the event of refusal or delay in signing the Contract Agreement. I/We further agree to complete the work within **15 months** from the date of award of the work.

I / We agree to pay the GST as required by you. I/We do hereby bind myself / ourselves for forfeit of the said Earnest Money of Rs...../- (Rupees Only) in the event of refusal or delay in signing the Contract Agreement. I/We further agree to complete the work within **15 months** from the date of award of the work. I / We understand that if the tender is not awarded to me, the NHRDF will return Earnest Money Deposit back to me as per the procedure of company and shall not carry any interest.

I / We, understand and agree that if I / We am/are awarded the work, on the Earnest Money Deposit / Retention

Money amount / any pending amounts including of running Accounts bills, price differential for agreed materials, final bill amount lying with the owners from submission of this tender document

Till the finalisation of bills and defects liability period, will not bear any interest under any circumstances and the owners will not be liable to pay any amount towards interest, compensation, demurrage charges, finance charges, delayed payment charges etc. on such amounts.

I / We agree to pay GST and any other taxes applicable and prevailing from time to time on such items for which the same are leviable and the rates quoted by me / us are inclusive of the same.”

I/We agree for deduction of Income Tax at source as per the act.

I / We, explicitly understand that the rates payable to me/us are FIXED AND ARE NOT LIABLE FOR CONSIDERATION OF ANY ESCALATION towards any increase in prices of the building material and labour or otherwise etc., during the complete execution period of the all the works.

I / we understand that you are not bound to accept the lowest or any other tender you may receive, nor bound to give any reason, and agree to accept and abide by the decisions of Owner and Architects / Project Management Consultant, in this tender.

I/We am/are submitting herewith my/our authority to sign the above tender document and the same shall be binding on my / our company for all the times during the pendency of contract.

Dated this _____ day of _____ '2023.

Yours faithfully,

SIGNATURE OF THE BIDDER

Signature of witness

Name & Designation of Authorized

Name and address in Block Letters

Person signing the tender on behalf of the bidder

(s) Encl: As Stated.



GENERAL CONDITIONS OF CONTRACT

SECTION - I

DEFINITIONS & INTERPRETATION

1. DEFINITIONS & INTERPRETATION

1.1. DEFINITIONS

In the contract (as hereinafter defined) the following words and expressions shall have the meanings hereby assigned to them except where the context otherwise requires.

- a. The 'Alteration Variation Order' means an order given in writing by the ARCHITECTS to effect additions to or deletions from the alteration in the works.
- b. "Approved" shall mean approved in writing including subsequent written confirmation of previous verbal approval and Approved means approved in writing including aforesaid.
- c. The ARCHITECTS / PROJECT MANAGEMENT CONSULTANT (PMC) shall mean the Person nominated by THE OWNER from time to time and shall include those who are expressly authorized by THE OWNER to act for and on his behalf for all functions pertaining to operation of this contract.
- d. 'Architects / PMC's Representative' / Engineer In Charge shall mean any Resident Engineer or Assistant or Clerk of works to the ARCHITECTS appointed from time to time to perform the duties set forth in the tender document whose authority shall be notified in writing to the Contractor.
- e. "BIS" Bureau of Indian Standard means erstwhile Indian Standard Institution and shall include all the Standards published by the said institute in past and which will be published in future.
- f. 'Constructional Plant' shall mean all appliances or things of whatsoever nature required in or about the execution, Completion or Maintenance or the works temporary works (as hereinafter defined) but does not include materials or other things intended to form or forming part of the permanent work.
- g. The 'Contract' shall mean the agreement between THE OWNER and THE CONTRACTOR or the execution of the invitation to Tender, instructions to Tenders, General Conditions of contract, Special Conditions of contract, Job Specifications, General Requirements, Time Schedule of Completion of job, Drawings, Letter of Intent awarding the work, Agreed Variations, if any etc.
- h. The 'Contract Document' shall mean collectively the tender documents, designs, drawings, specifications, agreed variations if any and other documents, documents constituting the tender and acceptance thereof.
- i. The 'Contractor' shall mean the person or persons, firm or company whose tender has

- been accepted by Owner and includes the Contractor's legal representatives, his successors and permitted assigns.
- j. 'CPWD' Shall mean Central Public Works Department while 'PWD' shall means Public Works Department (for Maharashtra State Level)
- k. 'Days' mean a set of 24 hours from mid night to mid night irrespective of the number of hours worked in that day
- l. Drawings' shall include maps, plans and tracings or prints thereof with any modifications approved in writing by the ARCHITECTS and such other drawings as may, from time to time, be furnished or approved in writing by the Architects.
- m. 'SSR' shall mean State Schedule of rates for Nashik Region or any such region wherein the proposed work is planned to be constructed
- n. The 'Virtual Completion Certificate' shall mean the certificate to be issued by the ARCHITECTS when the works have been completed to their satisfaction.
- o. The 'Final Certificate' in relation to the work shall mean the certificate regarding the satisfactory compliance of the various provisions of the contract to be issued by the ARCHITECTS/ PMC after the period of defects liability is over.
- p. "Government" Shall mean Government of Maharashtra(GoM) & Government of India (GoI)
- q. THE PROJECT CO-ORDINATOR shall mean the person specifically appointed by M/S. SWAPNIL D. NIKAM or his successors in office designated by the owner.
- r. 'Headings and Material Notes' in these contract document are given solely for facility of reference and are not part of the contract documents and are not to be taken into account in the interpretation of the provisions of the contract.
- s. 'I.S.' or 'IS' shall mean Indian Standard
- t. 'Language for Drawings & Instructions' - All the drawings, titles, notes, instruction, dimensions etc., shall be in English Language.
- u. 'Letter of Intent' shall mean intimation by a letter to bidder that the tender has been accepted in accordance with the provisions contained in the letter.
- v. Owner shall mean National Horticultural Research And Development Foundation having its construction site at NHRDF Chitegaon and its Head Office at Bagwani Bhawan, Plot no.47, Institutional Area, Janakpuri, New Delhi – 110058.
- w. 'Notice in writing or written Notice' shall mean & notice in written, typed or printed characters sent (unless delivered personally or otherwise proved to have been received) by registered post to the last known private or business address or deemed to have been received in the ordinary course of post it would have been delivered.
- x. The 'Owner' shall mean National Horticultural Research and Development Foundation on behalf of its Board of Management Committee having its Head Office at Plot no.47, Bhagwani Bhawan, Institutional Area,Janakpuri, D-Block, New Delhi - 110058 or any other place as modified subsequently and shall include its officers or any nominees authorised by Chief Executive Officer to

deal with these presents on its behalf. Wherever the words "Organisation or Institution" appears, these shall deemed to mean Owner and these words convey the same meaning.

- y. 'PAN' means Permanent Account Number.
- z. The 'Period of defects Liability' in relation to a work means the specified period from the date of issue of completion Certificate during which the Contractor stands responsible for rectifying all defects that may appear in the works.
- a. 'Plans' shall mean all maps, drawings, sketches and layouts as are incorporated in the contract in order to define broadly the scope and specifications of the work or works, and all reproductions thereof.
- b. 'ARCHITECTS' / Project Architects / 'Consulting Engineer' / Consultants shall mean the ARCHITECTS and Consulting Engineers, to the owner, NHRDF for this project M/S. SWAPNIL D. NIKAM or their successors or authorised nominees for their respective works having registered office at 'Lalit App.Falt No.5 ,Near Nilesh Supar Market,Chandak Circle ,Tidke Colony,Nashik.
- c. 'Project Coordinator' or 'Project Manager' shall mean the Manager designated by M/S. Swapnil D. Nikam or their successors or authorised nominees for their respective works
- d. 'R. A. Bill" shall means Running Account Bill
- e. 'Singular and plural' The singular shall include plural and vice-versa wherever the context so requires.
- f. 'Site' shall mean the lands and other places on, under, in or through which the permanent works are to be carried out and any other lands or places provided by the Owner for the purposes of the contract.
- g. 'Specifications' shall mean all directions, various technical specifications, provisions and requirements attached to the contract, which pertain to the method and manner of performing the work or works and the materials to be furnished under the contract for the work or works, as may be modified by the OWNER or the ARCHITECTS during the performance of contract in order to provide for the unforeseen conditions or in the best interest of the work or works. It shall also include the latest edition including all addenda corrigenda of relevant Bureau of Indian Standard and other relevant Codes.
- h. The 'Sub-Contractor' shall mean any person or firm or company (other than the Contractor) to whom any part of the work has been entrusted by the Contractor, with the written consent of the Architects and the legal representatives, successors and permitted assigns of such person, firm or company.
 - 1. 'Temporary Works' shall mean all temporary works of every kind required I or about the execution, Completion or maintenance of the works.
 - 2. The 'Tender' shall mean the tender submitted by the bidder for acceptance by the owner.
- i. 'Week' means a period of any consecutive seven days.
- j. The constructional details or works are given in the metric system and all work in the project shall be carried out according to the metric system. All documents concerning the work shall also be maintained in the metric system.
- k. The 'Works' shall mean and include all works to be executed in accordance with the contract or

part thereof as the case may be and shall include all extras, addition, or substituted works as required for the purpose of the contract.

- I. 'Working Day' means any day, which is not declared to be holiday or rest by the Owners
- m. 'Value of Contract' shall mean the sum accepted or the sum calculated in accordance with the price accepted in tender and/or the contract rates as payable to the Contractor for the entire execution and full completion of the work.
- n. Wherever in this contract the words 'directed' 'permitted' 'required' 'ordered' 'designed' 'considered' 'necessary' or like words are used it shall be understood that the said directions requirements, permissions from ARCHITECTS or OWNER. are intended similarly words approval, acceptable, satisfactory or like words shall mean approved by or acceptable or satisfactory to the ARCHITECTS or the OWNER, as the case may be unless any other meaning is plainly intended.
- o. GST' shall mean Goods & Services Tax



SECTION - II

FACILITIES TO CONTRACTOR

2. FACILITIES TO CONTRACTOR

2.1. LOCATION OF SITE AND ACCESS BY ROAD

a. LOCATION OF SITE

The general information about location of proposed building furnished is of indicative nature only and shall be considered as binding in any way on *Contractor* and shall not govern either the scope of work or the nature of the respective rights and the obligations of the parties to such contract.

b. ACCESS BY ROAD

The site under consideration is accessible by municipal road. The Contractor has to strictly adhere to the traffic regulations of the statutory authorities and also security norms of the owners.

2.2. WATER SUPPLY

The Contractor shall be responsible for the arrangements to obtain supply of water necessary for the works, his workshops, his offices etc. all pumping installations, pipe net- work and distributions net-work and distributions and payment towards water used in construction process at his own cost. The owners will give suitable letters for obtaining permissions from statutory bodies/assist the Contractors in getting water supply. However, all the expenses related to obtain water during entire construction process will be Contractors responsibility. Water quality shall be as required for civil work and test reports of the same shall be submitted once a week.

2.3. POWER SUPPLY

- a. The Contractor shall make arrangements for temporary power supply and payment to power authority for proposed works and for his labour colony etc. at his own cost All the works will be done as per IEA regulations and passed by the ARCHITECTS. The temporary line will be removed forthwith after the completion of work or if there is any hindrance caused to the other works due to the alignment of these lines; the Contractor will re-route or remove the temporary lines at his own cost. The Contractors at his cost will also provide suitable electric meters, fuses, switches, temporary supply lines etc.
- b. It shall be the responsibility of the Contractor to provide and maintain the complete installation of **the load side** of the supply with due regard to safety requirements at site. The Contractors will ensure that this equipment and Electrical wiring etc. are installed, modified maintained by a licensed Electrician/Supervisor. A test certificate shall be produced to the ARCHITECTS / OWNERS for their approval, before power is actually drawn as per the requirements of Power Company.
- c. At all times IEA regulations shall be followed failing which the Owner has a right to

disconnect the power supply without any reference to the Contractor. No claim shall be entertained for such disconnection by the ARCHITECTS / OWNERS. Power supply will be reconnected only after production of fresh certificate from authorized electrical supervisor.

- d. The Owner is, not liable for any loss or damage to the Contractor's equipment as a result of variation in voltage or frequency or interruption in power supply or other loss to the Contract. or arising there from
- e. The Contractor shall ensure that the Electrical Equipments installed by him are such that average power factor falls below 0.90 in any month. He will reimburse to the Owner at the panel rate determined by the Owner for all units consumed during the month, if the power is supplied through owner's connection.
- f. The Contractor will have to provide and install his own light and power meters, which will be governed as per Central/State Government Electricity Rules.
- g. In case of damage to any of the Owner's equipment on account of fault, intentional or unintentional on the part of the Contractor, the owner reserves the right to recover the cost of such damage from the Contractor's bill.
- h. Only motors upto 3 HP will be allowed to be started direct on line. For motors above 2 HP and upto 50 HP suitable starting devices approved by the ARCHITECTS shall be provided by the Contractor. For motors above 100 HP slipring induction motors with suitable starting devices as approved the ARCHITECTS shall be provided by Contractor.
- i. The Contractor shall ensure at his cost that all electric lines and equipment and all installations are approved by the State Electricity Inspector before power can be supplied.
- j. The total requirement of power shall be indicated by the bidder along with his tender.

2.4. LAND FOR CONTRACTORS'S FIELD OFFICE, GODOWN, WORKSHOP / SITE OFFICE

- a. The contractors shall construct an independent site office for the owners and Architects in the owner's premises as per the enclosed drawing. On completion of the work such office shall be demolished by the contractors as directed by the Architects. The office for the Owners and the Architects shall be constructed by the contractor at their own cost on the basis of the layout enclosed alongwith the tender document. The statutory permissions, payment of deposits, other charges shall be borne by the owner. This temporary office shall be cleared after the completion of the work by the contractors. The necessary furniture, electrical points & suitable capacity A.C. machines shall be arranged by the contractors in the conference room, Owners office, Architects office.
- b. The Contractors, Architects & Owners will jointing identify a suitable place in the owners compound for contractors site office, field office, stores, laboratory reinforcement yard / fabrication yard. If such place is physically not available at site the contractors will make their own arrangement for such structures in nearby convenient location. Under

no circumstances the owners will be liable to pay for any damages, compensation in case such land is not available either in owner's premises or outside. This also will not be a reason for any delays in the physical progress of the constructions work. The contractor will have to make their own arrangement. Under no circumstances any labour hutment, labor colonies and other related facilities such as tea stall, canteen etc. will not be permitted within the owner's compound. All such structures will be constructed by the contractors at his own cost and shall be demolished after the completion of work as directed by the Architects.

- c. On completion of the works undertaken by the Contractor, he shall remove all temporary works erected by him and have the site cleared as directed by ARCHITECTS. If the Contractor fails to remove such surplus, rubbish materials and dispose of the same the ARCHITECTS/OWNER shall do so as he deems fit and get the site cleared and the Contractor shall forthwith pay the amount of all expense so incurred and shall have no

Claim in respect of any surplus materials disposed as aforesaid. The owner reserves the right to ask the Contractor at any time during the pendency of the contract, to vacate the land by giving 7 (Seven) days' notice on security reasons or on national interest or otherwise. The site of such temporary use by the Contractor shall be vacated upon instructions of the ARCHITECTS.

- d. If specifically instructed then only the Contractors shall erect free of cost a name board showing the following details:

- Name of clients.
- Name of work.
- Name of Architects.
- Name of Civil Contractors.
- Space for 3 additional Contractors names.

- e. Tree Protection:

The trees at site shall be protected & maintained during the progress of work by Contractor. In case Contractor damages existing garden, lawns, trees etc. the same shall be made good by Contractor at no extra cost.

2.5. **LAND AND RESIDENTIAL ACCOMMODATION**

The Contractors shall not allow any hutments, toilets, canteens or such other structures on site under consideration. It is specifically brought to notice that no person will be allowed to reside overnight at site individually or with family during the entire pendency of work.

2.6. **INTERNAL ROADS**

All the roads & access roads needed for proper execution of the contract on site area further to access road to site shall be constructed & maintained by the Contractor or land provided by owner. On completion of work, the Contractor shall make good the owner's roads and access to its original status.

2.7. MAINTAINANCE OF TREES

The Contractor shall take all the care to see that the existing trees are well maintained. No trees branches shall be cut from site by Contractors men, labourers for any purpose. In case of such happening, the Contractors shall be solely responsible for the liabilities thereof. The Contractors shall ensure adherence of statutory laws in this respect and indemnify owners suitably in case of breach of the said rules and regulations.

2.8. EXECUTION OF WORKS

The work is to be executed at the site having various buildings wherein the occupants will be working in shifts as per owner's requirements. The Contractors shall have to execute the work in areas in consultation with owners by taking appropriate safety measures, diversions and timings. The Contractors shall have to erect necessary barricades, propping, scaffoldings, screens, safety devices and barricading arrangements covers at his own cost as will be directed by owners / Architects. Nothing extra shall be payable on this account. Further the Contractors shall have to adhere strictly to the security and other rules of the owners during the entire execution of work.

2.9. HOUSEKEEPING

It is brought to notice of Contractors that during the entire pendency of work; Housekeeping within the area of works shall be strictly managed by Contractors as per the requirements of company. This will constitute daily schedules, alternate day schedules, weekly schedules etc. as per the ARCHITECTS / OWNERS instructions and requirements. No debris will be allowed to be thrown from top to the ground level. Necessary chute shall be provided as per the instructions of ARCHITECTS / OWNERS without any extra cost and the debris will be removed daily.

SECTION – III

GENERAL INSTRUCTIONS TO BIDDERS

3. SUBMISSION OF TENDER

3.1. The documents issued to the bidders shall be as follows:

A complete set of tender documents as per index sheet and drawings are to be submitted along with the quotation.

3.2. If addenda / Corrigenda are issued to this tender document, they must be signed, submitted along with the tender documents. The bidder should write clearly the revised quantities in Schedule of Rates of Tender Document and should price the work based on revised quantities when are issued in addenda.

3.3. Bidders are advised to submit quotations based strictly on the terms and conditions and specifications contained in the tender documents and not stipulate any deviations. Should it however become unavoidable, deviations should be stipulated in the prescribed pro-forma only, contained in the proposal form, Owner reserve the right to evaluate the quotations containing deviations having financial implications, by adding the cost for such deviations as determined by Owner.

3.4. Tender to be submitted in two separate sealed envelopes and One Covering Envelope containing the first two envelopes. The bidder shall submit the tender and document in two sealed envelopes as below-

A. ENVELOPE NO 1 (DOCUMENTS- TECHNICAL BID)

The Envelop No. 1 should be clearly marked as Technical Bid and shall contain the following document/certified copy, as the case may be duly signed and stamped by the Bidder.

- i. Earnest Money in the manner as specified in Tender Clause thereof
- ii. Average Annual Turnover of the bidder
- iii. An upto date & valid Income Tax for three preceding years in original or true copy thereof duly attested by Gazetted officer.
- iv. Power of Attorney or Partnership Deed (if any)
- v. Xerox copy of GST Certificate.
- vi. Power of Attorney of the signatory of the bidder.
- vii. Xerox copy of Registration with Provident Fund authorities.
- viii. Xerox copy of Registration with Employees State Insurance Commissioner.
- ix. A detailed CPM / PERT Chart. (Using MS projects / Primavera / Yojana)
- x. Schedule of Rates in FORM-A.
- xi. Schedule of Daily Skilled / Unskilled Labour Rates in Form-B
- xii. Information regarding concurrent commitments in FORM-C.
- xiii. Information regarding equipments, tools tackles etc. in FORM-D.
- xiv. Information regarding site organisation in FORM-E
- xv. Information regarding bidder in FORM-G.
- xvi. Enclosures as per list of enclosures in FORM-H.
- xvii. Exceptions and deviations, if any, in FORM-I
- xviii. List of Arbitration / Disputes – Form – J.
- xix. Quality Assurance Plan - Form – K.

- xx. Housekeeping Plan – Form – L.
- xxi. Material Procurement Plan – Form - M.
- xxii. List of Equipments to be deployed during the progress of the work - FORM- N
- xxiii. Detail Work Programme - FORM-O
- xxiv. Original tender documents, as issued duly signed additional documents as listed below (if any)
- xxv. Geotagging Certificate by Architect (Mandatory).

Note: The Certificate in respect of above documents, wherever necessary, should have been issued/certified/attested only after the date of issue of this tender.

B. ENVELOPE NO 2 (MAIN TENDER – FINANCIAL BID)

1. The Envelope No. 2 should be clearly marked as Financial Bid and shall contain only the main tender including conditions & specifications and required appendix duly signed and stamped by the Bidder.
2. The bidder should quote his offer on Schedule B of the Tender as Percentage Rate of the Total Estimated Amount of all works including all expenses like travel, accommodation, out of pocket expenses, service tax or any other statutory levies etc. at the appropriate place of the tender documents, to be submitted only in Envelope No. 2. The bidder should not quote this offer anywhere directly or indirectly in Envelope No. 1.

C. COVERING ENVELOPE

The two sealed Envelope No. 1 & 2 shall be again put together in one common cover Envelope & sealed. This sealed cover shall be marked on the left hand top corner, "TENDER FOR THE Proposed Farmers Hostel Building For NHRDF, At-Chitegaon Phata, Nashik DIST- NASHIK FOR NASHIK and with the note "QUOTATION DO NOT OPEN" written prominently. The full name, postal address and telegraphic address of the bidder shall be written on the bottom left corner of the sealed cover.

3.5. QUALIFICATION CRITERIA:-

To qualify for award of the contract each tenderer in his name should have in last 5 years i.e. **2019-20,2020-21,2021-22,2022-23,2023-24:**

- a. Achieved a minimum average annual financial turnover (**in all classes of civil engineering construction works only**) during last 5 financial years should be at least Rs. 10 Crore.

In support of this, attested copy of Annual Audit Report certified by the Chartered Accountant in which indicates contract receipts should be submitted and also be submitted the work done certificates issued by Competent Authority.

- b. Satisfactory completion of similar Type of work as a primary contractor (Building Work) during last Five years:
 - i. Three Similar Type (Building Works) of work of value at least Rs. 5 Cr.
 - ii. Two Similar Type (Building Works) of work of value of at least Rs. 10 Cr.
 - iii. One similar type (Building Works) of work of value of at least Rs. 20 Cr.

3.6. ALL PAGES TO BE INITIALED

All signatures in tender documents shall be dated, as the pages of all sanctions of tender Documents shall be initialed at the lower right hand corner or signed wherever required in the tender papers by the bidder or by a person holding power of attorney authorising him to sign on behalf of the bidder before submission of tender.

3.7. RATES TO BE IN FIGURES AND WORDS

The bidder shall quote in English, in figures and in words for the rates and amount tendered by him in the schedule of rates forming part of the documents, in such a way that interpolation is not possible. The amount for each item shall be worked out and entered and requisite total given of all items. Tendered amount for the work shall be entered in the tender and duly signed by the bidder.

If some discrepancies are found between the rates given in words and figures or the amount shown in the tender, the following procedure shall be followed. –

- (a) When there is difference between the rate in figures and words, the rate which corresponds to the amount worked out by the bidder shall be taken as correct
- (b) When the rates quoted by the bidder in figures and words tally but the amount is incorrect, the rate quoted by the bidder shall be taken as correct.
- (c) When it is not possible to ascertain the correct rate by either of above methods, the rate quoted in words shall be taken as correct.

3.8. CORRECTIONS AND ERASURES

All corrections and alterations in the entries of tender papers shall be signed in fully by the bidder with date. No erasures / or over writing are permissible.

3.9. SIGNATURE OF BIDDER

The tender shall contain the name, residence and place of business of persons making the tender and shall be signed by the bidder with his usual signature. Partnership firms shall furnish the full names of all partners in the tender. It should be signed in the partnership's name by the name and designation of the person signing. Tender by a corporation shall be signed an authorized representative and a power of attorney on behalf shall accompany the tender. A copy of constitution of the firm with names of all partners shall be furnished.

The official language of Tender shall be English.

3.10. WITNESS

Witness and sureties shall be persons of status and property. Their name, occupation and address shall be stated below their signatures.

4. TRANSFER OF TENDER DOCUMENTS

Transfer of tender document purchased by one intending bidder to another is not permissible.

5. EARNEST MONEY DEPOSIT

5.1. The bidder must pay Earnest Money Deposit given in the Letter / Notice inviting tenders.

5.2. The EMD (1 % of the tendered value) shall be paid in demand draft on any Nationalised / Scheduled Bank in favour of “NHRDF, payable at Nashik

6. VALIDITY

Tender submitted by the bidder shall remain valid for acceptance for a period of 90 Days from the date of opening of the tender. The bidders shall not be entitled during the said period without the consent in writing of the Owner to revoke or cancel his tender or to vary the tender given or any term thereof. In case of bidder revoking or canceling his tender or varying any term in regard thereof without the consent of Owner in writing the EMD paid by him along with the tender shall be forfeited.

7. ADDENDA / CORRIGENDA

- 7.1. Addenda / Corrigenda to the tender document may be issued prior to the date of opening of the tenders to clarify documents or to reflect modification in the design or contract terms.
- 7.2. The Addenda/Corrigenda will be issued in triplicate to each persons or organisation to which a set of tender documents has been issued. Each recipient should acknowledge the receipt of the same and attach one copy of the Addenda / Corrigenda along with his offer. All Addenda / Corrigenda issued shall become part of Tender Documents.

8. RIGHTS OF OWNER TO ACCEPT OR REJECT THE TENDER

- 8.1. The right to accept the tender will rest with the Owner. The Owner further does not bind himself to accept the lowest tender and reserves the authority to reject any or all the tenders received without assigning any reason whatsoever. The whole work may be split up between two or more Contractors or accepted in part (not entirely) if considered expedient. The quoted rate should hold good for such eventualities. Tenders in which any of the particulars and prescribed information is missing or incomplete in any respect and / or the prescribed conditions are not fulfilled are liable to be rejected.
- 8.2. Canvassing in connection with tenders is strictly prohibited. The submitted tenders of the bidders who resort to canvassing are liable to rejection. Tenders containing uncalled remarks or any additional condition are liable to be rejected.

9. TIME SCHEDULE

- 9.1. The work shall be executed strictly as per the Time Schedule. The period of construction given in Time Schedule includes the time required for mobilization as well as testing, rectifications if any retesting and completion in all respects to the entire satisfaction of the ARCHITECTS.
- 9.2. A joint program of execution of the work will be prepared by the ARCHITECTS and Contractor based on priority requirement of this project. This program will take into account the time of completion mentioned in as stated above and the time allowed for the priority works by the ARCHITECTS.
- 9.3. Monthly / weekly construction program will be drawn by the ARCHITECTS jointly with the Contractor based on availability of work front and the joint construction program as per 9.2 above. The Contractor shall scrupulously adhere to these target / programs by deploying adequate personnel construction tools and tackles and he shall also supply in good time the

resources to achieve the target / programmes. In all matters concerning the extent of target set out in the weekly and monthly programs and the degree of the same will be finally binding on the Contractor.

- 9.4. Compensation for delay in completion will be imposed as and when the milestones are not reached within schedule time @ 1% per week of delay for the value of that section /cumulative value upto maximum of 5% of the value of that section / cumulative value. The milestones will be as follows: -

Sr. No.	Mile Stone Activity
1	Completion of foundation
2	Plinth Work.
3	Work in Superstructure. i) 50% ii) Balance 50%
4	Structural Steel Works i) 50% ii) Balance 50%
5	Completion of total masonry work
6	Completion of total internal plaster.
7	Completion of total external plaster.
8	Completion of internal painting
9	Completion of external painting
10	Completion of total Aluminium glazing work
11	Completion of tiling work including flooring, dado, skirting, staircase etc.
12	Completion of Misc. items & obtaining virtual completion certificate.

10. **BIDDER'S RESPONSIBILITY**

The intending bidders shall be deemed to have visited the site and familiarized themselves thoroughly with the site conditions before submitting the tender. The work is to be executed to the various buildings wherein the occupants will be working in shifts as per owner's requirements. The Contractors shall have to execute the work in areas in consultation with owners by taking appropriate safety measures, diversions and timings. The Contractors shall have to erect necessary barricades propping, scaffoldings, screens, covers etc at his own cost as will be directed by owners / Architects. Nothing extra shall be payable on this account. Further the Contractors shall have to adhere strictly to the security and other rules of the company during the entire execution of work. Non-familiarity with the site conditions will not be considered a reason either for extra claims or for not carrying out the works in strict conformity

with the drawings and specifications and owners security and housekeeping and other rules and timings.

The Contractor shall provide at his own cost a safety barricade of new metal corrugated sheets of 5 mts height, including adequate steel framework for the same, which should be safe and stable, on all sides of the construction site as will be directed by the Architects / owners. This is absolutely mandatory and nothing extra shall be paid on this account.

11. OPENING AND EVALUATION OF TENDERS

On the date specified in the tender notice, following procedure will be adopted for opening of the tender:

A. ENVELOPE NO 1 (DOCUMENTS- TECHNICAL BID)

- i. Envelope No 1 of the tender will be opened to verify the documents as per requirements. If the documents contained in this envelope do not meet the requirements of the tender, a note will be recorded accordingly by the tender authority and the said tenders' Envelope 2 will not be considered for further action but the same will be recorded.
- ii. The Technical Bid will be evaluated on the basis of the documents submitted in the Envelope No. 1 and qualification criteria as mentioned in Para 3.5 of the tender document on a scale of 100. The agency obtaining at least 60% marks on the basis of technical evaluation will qualify for evaluate on Financial Bid. The agency who qualifies in the financial evaluation, may be called for presentation/ negotiation if so required.

B. ENVELOPE NO 2 (FINANCIAL BID)

This Envelope No. 2 of those agencies who secure at least 60% marks on the basis of technical evaluation as mentioned above shall be opened at a specified date & time. The final selection of the agency will be based on Combined Quality Cum Costs Based (CQCCB) system of both bids in the ratio of Technical 70% and Financial 30%

12. ACCEPTANCE OF TENDER

Acceptance of tender will rest with the Owner who reserve the right to reject any or all tenders without assigning any reasons thereof. The bidder whose tender may be accepted shall have to pay EMD in prescribed format and enter into regular percentage rate tender by completing the contract document within 10 days of being notified to do so and shall abide all the rules and regulations and special conditions of contract embodied therein. In the event of failure of the bidder to sign the agreement within the stipulated time the Earnest Money paid by him shall be liable for forfeiture to NHRDF and the acceptance of the tender shall liable to be considered as withdrawn.

13. SIGNING OF THE CONTRACT

The successful bidder shall be required to execute an agreement with the Owner in the pro-forma attached with tender document within 10 days of the receipt by him of the notification of acceptance of the tender. In the event of failure on the part of the successful bidder to sign the agreement within the above-stipulated period, his EMD will be forfeited and the acceptance of the tender shall be considered as cancelled.

14. FIELD MANAGEMENT AND CONTROLLING AUTHORITY

- 14.1. The field management will be the responsibility of the ARCHITECTS, appointed by the Owner. The ARCHITECTS may authorise several representatives to assist in performing his duties and functions.
- 14.2. The Site Engineer/Clerk of works shall only co-ordinate with the other agencies engaged to work at site, to ensure minimum disruption of work carried out by different agencies. It shall be the responsibility of the Contractor to plan and execute the works strictly in accordance with site instructions and avoid hindrances to the works being executed by other agencies. The instructions of the Clerk of works shall be binding on the Contractor.

15. NOTE TO SCHEDULE OF RATES

The schedule of rates should be read in conjunction with all other sections of the tender.

- 15.1. Rates must be filled in the original tender document. Any exception works by the bidder to the schedule of rates shall be brought out in the terms and conditions of offer.
- 15.2. The quantities shown for each item of work are only approximate. Under any circumstances. Any increase or decrease in the quantities for each item of work shall not form the basis of alteration of the rates quoted and accepted or any other extra claims. If at any time, the whole or any part of the items or works as specified in the tender are required to be deleted or dropped at sole discretion of Architects / owners the Contractor shall have no claim to any payment or compensation whatsoever on account of any loss of profit / advantage which he might have derived from the execution of the work in full.
- 15.3. The Owner reserves the right to interpolate rates for such items of work falling between similar items of lower or high magnitude

SECTION –IV

GENERAL OBLIGATIONS

16. INTERPRETATION OF CONTRACT DOCUMENTS

- 16.1. Complete documents forming the contract are to be taken as mutually explanatory should there be any discrepancy, inconsistency, error or omission amongst any of them, the matter may be referred to ARCHITECTS who shall give his decision and issue to the Contractor instructions directing in what manner the work is to be carried out. The decision of the ARCHITECTS shall be final and conclusive and the Contractor shall carry out work in accordance with the decision.
- 16.2. Works shown in the drawing but not mentioned in the specifications or described in the specifications but not shown in the drawings shall never the less be deemed to be included in the same manner as if they had been specifically shown upon the drawings as well as described in the specifications.
- 16.3. Unless otherwise stated specifically, the 'Singular' shall also mean 'Plural' and vice-versa wherever the context so requires. Words implying 'persons' shall include relevant 'corporate companies' or 'registered associations' or body of individuals or 'firm of partnership' as the case may be.

17. SPECIAL CONDITIONS OF CONTRACT

- 17.1. Special conditions of Contract shall be read in conjunction with General Conditions of the Contract, Specifications of work, drawing and other documents forming part of this contract wherever the context so requires.
- 17.2. Notwithstanding the sub-divisions of the documents into the separate volumes, each part shall be read with and into the contract so far as it may be practicable to do so.
- 17.3. Where any portion of the general conditions of the contract is repugnant to or at variance with any provisions of the Special conditions of Contract, unless a different intention appears, the provisions of the Special Conditions of Contract shall be deemed to over-ride the provisions of the General conditions of Contract and shall to the extent of such repugnancy or variations prevail.
- 17.4. Wherever it is mentioned in the specifications that the Contractor shall perform certain work or provide certain facilities, it is understood that the Contractor shall do at his cost without any extra claims or addition to the agreed rates.
- 17.5. The materials, design and workmanship shall satisfy, the relevant, Indian Standard and the job specifications contained herein and requirements in addition to those contained in the standard codes and specifications, these additional requirements shall also be satisfied.

18. BIDDER TO OBTAIN HIS OWN INFORMATION

18.1. The bidder shall for all purposes and whatsoever reasons may be, deemed to have himself independently obtained all necessary information for the purpose of preparing his tender. The correctness of the details given in the Tender Documents as guideline information is to help the bidder but to make-up the bidder is not guaranteed.

18.2. The bidder shall be deemed to have examined the tender documents, to have obtained his own information in all matters whatsoever that might influence carrying out the works at the scheduled rates and satisfies himself to the sufficiency of his tender. Any error in description or quantity or omission there from shall not vitiate the contract nor should it release the Contractor from executing the work comprised in the contract according to drawings and specifications at the schedule rates. He is deemed to know the scope, nature and magnitude of the works, the requirements of materials and labour involved etc. and as to what works he has to complete in accordance with the contract document whatever be the defects, omission or errors that may be found in the Contract Documents. The work is to be executed to the various buildings wherein the occupants will be working in shifts as per owner's requirements. The Contractors shall have to execute the work in areas in consultation with owners by taking appropriate safety measures, diversions and timings. The Contractors shall have to erect necessary barricades propping, scaffoldings, screens, covers etc at his own cost as will be directed by owners / Architects. Nothing extra shall be payable on this account. Further the Contractors shall have to adhere strictly to the security and other rules of the owners during the entire execution of work. The Contractor shall be deemed to have visited site and surroundings area, to have satisfied himself to the nature and the conditions of available facilities like Railways, Roadways, Bridges, Culverts, drainage arrangement, electrical lines, water supply, means of transport and communication like by land, water and air and possible interruptions thereto, the access to, from site and agreed to have made inquiries, examined, satisfied himself of the sites for obtaining sand, stones, bricks, and other materials, the site for disposal of surplus materials, the available communication like depots buildings, as may be necessary for executing and completing the works, to have made local independent inquiries as the sub soil water and variations thereof storms, prevailing winds and climatic conditions and all other similar matters affecting the works. He is deemed to have acquainted himself of his liability for payment of Government Taxes, Royalties to collector's or such similar Govt. authorities, Custom Duties and other charges including WORKS CONTRACT TAX, TURNOVER TAX, GOODS and SERVICE TAX, OR SUCH OTHER TAXES. TDS SHALL BE

DEDUCTED AS PER PREVAILING RATES. It is brought to notice of Contractors during the entire pendency of work; housekeeping within the area of works shall be strictly managed by the Contractors as per the requirements of company. This will constitute daily schedules, alternate day schedules, weekly schedules etc. as per the ARCHITECTS / OWNERS instructions and requirements. No debris will be allowed to be thrown from top to the ground level. Necessary chute shall be provided by the contractors at his own cost as per the instructions of ARCHITECTS / OWNERS and the debris will be removed daily.

- 18.3. Any neglect or failure on the part of bidder in obtaining necessary and reliable information or issues stated at 18.2 or any other matters affecting the contract shall not relieve him from any risks or liabilities or the works at the schedule rates and time in strict accordance with the contract documents.
- 18.4. Any changes in layout details, designs due to site conditions or technological or any other requirements of Owners / Architects the same shall be binding on the Contractor and no extra claim on this account shall be entertained under any circumstances.
- 18.5. No verbal agreement or inferences from conversation with any officer or company ARCHITECTS of the Owner either before, during or after the execution of the contract agreement shall in any way affect or modify the terms or obligations herein.

19. RETENTION AMOUNT

19.1. The total Retention amount shall comprise of

- a) Earnest Money Deposit (Rs along with tender)
- b) Retention Money to be deducted 4% from each R.A. bill as detailed out here in under in Clause 19.2.

The above referred Retention Amount will remain with owners till the expiry of defects liability period and shall be released as per detailed terms referred hereunder. Under no circumstances any interest, compensation, demurrage charges, finance charges, delayed payment charges at any time will be payable on the said amount by owners at any time.

19.2. The Retention Money

- a) The Retention Money shall be deducted at 4% (Four Percent) from each R.A. Bill upto final bill.
- b) The Retention Money shall be released after completion of defect liability period of 12 Months (1 years).

19.3. Contractor can furnish the total EMD amount by a demand draft in favour of "NHRDF" payable at NASHIK.

19.4. If Contractor / sub-Contractor or their employees damages, break or destroy the property belonging to the owner or others during the execution of the contract, the same shall be made good by the Contractor at his own expense and in default thereof, the ARCHITECT may cause the same to be made good by other agencies and recover expenses from the Contractor (for which the certificate of the ARCHITECTS representative will be final)

19.5. All compensation or other sums of money payable by the Contractor to the Owner or recoveries to be made under terms of this contract may be deducted from or paid by the sale of sufficient part of his Retention Money or from any sums which may be due or may become due to the contractor by the Owner on any account whatsoever. In the event of his Retention Money being reduced, by reasons of any such deduction or sale, the Contractor shall within 10 days thereafter make good, bank drafts, any sum or sums which may have

fallen short of Retention Amount or any part thereof. No interest shall be payable by the owner for sum deposited as Retention Money at any time.

- 19.6. The Retention Amount deducted from each R.A. Bill till final bill shall be refunded after a defects liability period of *15 months*, which will be counted from finalisation of the final bill duly certified by the Architects, provided the Contractor has satisfactorily attended to all defects and has rectified the same in accordance with the conditions of the contract and duly certified by the Architects to that effect. No interest, compensation, demurrage charges, finance charges, delayed charges will be payable on Retention Money at any time.

20. FORFEITURE OF RETENTION AMOUNT

Whenever any claim against the Contractor, for the payment of a sum of money arises out of or under the contract the owner shall be entitled to recover such sum by appropriating in part of whole the Retention Amount of the Contractor, and or to sale any Govt. security. The Contractor shall pay to the Owner on demand any balance remaining due.

21. TIME OF PERFORMANCE

The work covered by this contract shall be commenced within seven days after the issue of the letter of acceptance of tender and be completed in stages on or before the dates as mentioned in the time schedule of completion of works. The Contractor should bear in mind that time is the ESSENCE OF THE CONTRACT, unless such time be extended pursuant to the provision of respective clause. Request for Revision of Construction time after tenders are opened will not receive consideration. The above period of seven days is included within the overall completion schedule.

22. EXTENTION OF TIME

If the Contractor shall desire an extension of time for completion of the work having been unavoidably hindered in the execution or on any /other grounds, he shall apply in writing to the ARCHITECT who shall in his opinion (which shall be final) be convinced of the reasonable grounds, then he may advice the owners about extension of time as in his opinion be necessary. The owners if convinced shall communicate to Contractors about such extension of time limit. However, such extension of time limit shall not cover the provisions of escalations. The grant of extension of time limit shall be sole discretion of owners. Any extension of time granted by the Owners in terms as stated above shall neither entitle the Contractor to any claim for increase in prices or any escalation nor shall it relieve and release him from any of the obligations under the contract.

23. EXCEPTED RISKS (FORCE MAJEURE)

- 23.1. If, at any time, during the pendency of the contract, the performance in whole or in part by either party of any obligation under this contract, shall be prevented or delayed by reason of any war, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions or other acts of God, (hereinafter referred to as 'eventualities') then provided notice of the happening of any such eventuality is given by either party to the other within 10 days from the date of occurrence thereof, neither party shall by reason of such eventuality be entitled to terminate this contract nor shall either

party have any claim for damages against the other in respect of such non-performance or delay in performance and work under this contract shall be resumed as soon as practicable after such eventuality has come to an end or ceased to exist and the decision of the Owner as to whether the work has been so resumed shall be final and conclusive. The time of completion shall then be extended by a period equal to the period during which the eventuality was prevailing.

23.2. Any extension of time granted by the Owners in terms of sub-clause above shall neither entitle the Contractor to any claim for increase in prices or any escalation or any escalation nor shall it relieve and release him from any of the obligations under the contract. If the performance of the contract as a whole is delayed by reason of the force majeure conditions continuing to persist for a continuous period exceeding six months, the owners and the Contractor shall discuss the matter and decide either to terminate the Contract without obligations on either side or to continue its execution on such terms as may be agreed upon.

23.3. The Owner shall not be held responsible or be called upon to make good any losses/ costs incurred by the Contractor consequent to the happening of any of the event under clause 23.1 above.

24. COMPENSATION FOR DELAY

24.1. Time is the essence of the contract. In case the Contractor fails to complete the work within the stipulated period, he shall be liable to pay to the Owner as compensation, an amount equal to **1%** of the value of contract per **month** of the delay subject to a **maximum 5%** of the value of the contract. This is a genuine Pre-estimate of the loss/damage which will be suffered on account of delay/breach on the part of the Contractor and he agrees to pay the said amount on demand without going into for any proof of the actual loss or damages caused by such delay/breach.

24.2. To ensure good progress during execution of work, the Contractor shall be bound in all cases in which the time allowed for any work exceeds by one month to complete one-fifth of the work before one fourth of the time allowed under the contract has elapsed, three-eighth of the work before the half of such time has elapsed. In the event of the Contractor failing to comply with these conditions, he shall be liable to pay as compensation for delay and the compensation so paid shall not relieve the Contractor from his obligations to complete the work or from any other obligations and liabilities under this contract.

24.3. The Contractor on award of Tender shall prepare a list of milestones based on suggested milestones in clause no. 10.4. (Major activities) and get the same approved from Architects for the completion of work and strictly adhere to the said schedules and mile stones. Failure on the part of Contractors to adhere to such milestones will render him liable to pay compensation as stated below.

At least 4 milestones of the total work period shall be agreed upon between the Contractor and the Owner allotting a proportionate value per milestone. This shall form the minimum value per milestone. If the Contractor is unable to achieve the milestone, accordingly retention of 5% of the relevant minimum billing value shall be retained. This process shall be applicable to all the milestones. However, in case the Contractor is able to complete the

project within the contractual completion period to the satisfaction of the architect / Owner, the withheld retention amount shall be refunded to the Contractor.

Incase Contractor is unable to complete as described above; the retention money shall be adjusted against compensation for delay.

24.4. Alternatively, the ARCHITECTS will be free to take suitable action as per provision of Clause 25 below.

25. **FAILURE BY THE CONTRACTOR TO COMPLY WITH THE PROVISIONS OF THE CONTRACT**

25.1. If the Contractor refuses or fails to execute the work or any separate part thereof with such diligence as will ensure its completion within the time specified in the contract or extension thereof or fails to perform any of his obligation under the contract or in any manner commits a breach of any of the provisions of the contract, it shall be open to the Owner at its option by written notice to the Contractor to:

a) Terminate the Contract

In which event the contract shall stand terminated and shall cease to be in force and effect, on and from the date appointed by the owner on that behalf, whereupon the Contractor, shall stop forth with any of the Contractor's work then in the progress except such work as the owner may in writing, require to be done to safeguard any property of work, or installation from damage, and the Owner for its part may take over the work remaining unfinished by the Contractor and complete the same, through a fresh Contractor or by other means, at the risk and cost of the Contractor, and any of his sureties if any, shall be liable to the Owner for any excess cost occasioned by such work having been above the cost of the rates specified.

b) Without terminating the contract

To take over the work of the Contractor or any part thereof and complete the same through a fresh Contractor or any other means at the risk and cost of the Contractor. The Contractor and any of his sureties are liable to the owner for any excess cost over and above the cost, the rates specified in the scheduled of quantities/rates, occasioned by such works having been taken over and completed by the owner. However the Contractor shall still extend performance guarantee for the said work carried out by the Owner or his other Contractors.

25.2. In such event of Clause 25.1 (a) or (b) above: -

a) The whole or part of the Retention Money furnished by the Contractor is liable to be forfeited without prejudice to the rights of the Owner to recover from the Contractor the excess cost, referred to in the sub-Clause aforesaid, the Owner shall also have the right of taking possession and utilising in completing the works or any part thereof, such of materials, equipment and plants available at the work site belonging to the Contractor shall not be entitled for any compensation for use or damage to such materials equipment and plant.

- b) The amount that may have become due to the Contractor on account of work already executed by him shall not be payable to him until after the expiry of six (6) calendar months reckoned from the date of termination of contract or from the taking over work or part thereof by the Owners, getting it executed by another agency in full respect whichever is later. The decision of Architects in this respect shall be final, binding and conclusive.

25.3. Before determining the contract as per clause 25.1 (a) or (b) provided in the judgment of the Owner the defaults committed by the Contractor is /are curable and can be cured by the Contractor an opportunity is given to him, then the owner may issue notice in writing calling the Contractor to cure the default within such time specified in the notice.

25.4. The owner shall also have the right to proceed or take action as per 25.1 (a) or Clause 25.1 (b) above in the event that the Contractor becomes, bankrupt insolvent, compounds with his creditors, assigns the contract in favour of his creditors or any other persons or being a company or a corporation goes into voluntary liquidation, provided that in the said events it shall not be necessary for the owner to give any prior notice to the Contractor.

25.5. Termination of the contract as provided for in sub-clause 25.1(a) above shall not prejudice or effect the rights of the Owner which may have accrued upto the date of such termination.

26. CONTRACTOR'S LIABILITY TO PAY COMPENSATION

In any case in which any of the powers conferred upon the Owner by Clause 25 hereof shall have become exercisable and the same had not been exercised, the non – exercise thereof shall not constitute a waiver of any of the conditions hereof. He is declared liable to any compensation amount to the whole of his Retention Money and the liability of the Contractor for past and future compensation shall remain unaffected. In the event of the owner putting in force the powers vested in him under the preceding clause No.25, he may, if he do so desires, take possession of all or any tools and plants, materials and stores in or upon the works or the site thereof belonging to the Contractor or procured by him and intended to be used for the execution of the work or any part thereof paying or allowing for the same in account at the contract rates or in case of these not being applicable, at current market rates to be certified by the ARCHITECTS whose certificate thereof shall be final. The

ARCHITECTS may give notice in writing to the Contractor or his clerk of the works, foremen or other authorised agent, requiring him to remove such tools, plants, materials or stores from the premises (within a time to be specified in such notice) and in the event of the Contractor failing to comply with any such requisition, Architects representative may remove them at the Contractor's expense or sell them by auction or private sale on account of the Contractor and at his risk in all respect without any further notice as to the date, time or place of sale and the certificate of the Architects representative as to expense of any such removal and the amount of the proceeds and expense of any such sale shall be final and conclusive.

27. NO COMPENSATION FOR ALTERATION IN OR RESTRICTION OF WORK

At any time the commencement of the work if the Owner decide for whatever reason, not to carry out the whole work or part thereof as specified in the tender, then owner shall give notice in writing of the fact to the Contractor, who shall have no claim to any payment or compensation on whatever account (profit or advantage which he might have derived by executing the work in full) neither shall he have any claim for compensation by reason or any alterations having been made from the original specifications, drawings, designs and instructions which may involve any curtailment of the work as originally contemplated.

28. CHANGE IN CONSTITUTION

When the Contractor is a partnership firm the prior approval writing from the Owner shall be obtained before any changes are made in the constitution of the firm. Where the Contractor is individual or a Hindu Undivided family business concern, such approval as aforesaid shall likewise be obtained before such Contractor enters into any agreement with other parties, where the reconstituted firm would have the right to carry out the work hereby undertaken by the Contractor. In either case, if prior approval is not obtained, the contract shall be deemed to have been allotted in contravention of clause 34 hereof and the action and consequence shall ensure as provided in that clause.

29. TERMINATION OF CONTRACT BY THE OWNER

29.1. If the Contractor being an individual or a firm, commit any "Act of Insolvency" or shall be adjudged an insolvent or being and incorporated Company shall have an order for compulsory winding up voluntarily or subject to the Liquidator in such acts of insolvency or winding up shall be unable within seven days after notice to him requiring him to do so, to shown in the reasonable satisfaction of the ARCHITECTS that he is able to carry out and fulfill the contract, and to give security, therefore, if so required by the ARCHITECTS.

Or if the Contractor (Whether an individual) Firm or Incorporated Company) shall suffer execution to be issued, or shall suffer any payment under this Contract to be attached by or on behalf of any of the creditors of the Contractor.

Or shall charge or encumber this Contract without the consent in writing of the ARCHITECTS first obtained.

Or if the ARCHITECTS shall certify in writing to the Owner that the Contractor-

- (i) has abandoned the Contract, or
- (ii) has failed to commence the works, or has without any lawful excuse under these conditions suspended the progress of the works for 7 days after receiving from the ARCHITECTS written notice to proceed, or
- (iii) has failed to proceed with the works with such due diligence and failed to make such due progress as would enable the works to be completed with the time agreed upon, or
- (iv) has failed to remove materials from the site or to pull down and replace work for seven days after receiving from the ARCHITECTS written notice that the said materials or work were condemned and rejected by the Consultant under these

conditions, or

- (v) has neglected or failed persistently to observe and perform all or any of the acts, matters or things by this Contract to be observed and performed by the Contractor to observe or perform the same, or
- (vi) Has to the detriment of good workmanship or in defiance of the ARCHITECTS instructions to the contrary sub-let any part of the Contract

Then and in any of the said cases the Owner in consultation with the ARCHITECT, may notwithstanding any previous waiver, after giving seven days' notice in writing to the Contractor, determine the Contract but without hereby affecting the powers of the ARCHITECT or the obligations and Liabilities of the Contract, the whole of which shall continue in force as fully as if the Contract had not been as determined and if the works subsequently executed had been executed by or on behalf of the Contractor, and further, the Owner with the consent of the ARCHITECTS, by his Agents, or Servants may enter upon and take possession of the work and all plant, tools scaffoldings, sheds, machinery, steam and other power utensils, and materials lying upon the premises or the adjoining lands or roads and use the same by means of his own property or may employ the same by means of his own servants and workmen in carrying on and completing the works, and finishing or using the materials and plant for the works, and the Contractor shall not in any way interrupt or do any act, matter or thing to prevent or hinder such other Contractor or other person or persons employed for competing and finishing or using the materials an plant for the works. When the works shall be completed or as soon thereafter as convenient, the ARCHITECT shall give a notice in writing to the Contractor to remove his surplus materials and plant, and should the Contractor fail to do so within a period of 14 days after receipt thereof by him the Owner shall sell the same by public auction, and shall give credit to the Contractor for the amount released deducting there from the costs of removal and sales. The ARCHITECTS shall if anything shall be due or payable to or by the Owner for the value of the said plant and material so taken possession of by the Owner and the expenses or loss which the Owner shall have been put to in procuring the works to be completed and the amount, if any, owing to the Contractor and the amount which shall be so certified shall thereupon be paid by the Owner, to the Contractor or by the Contractor to the Owner, as the case may, and the certificate of the ARCHITECTS shall be final an conclusive between the parties. On termination of the Contract, the Contractor shall forthwith remove himself and his workmen from the works site.

29.2. TERMINATION OF CONTRACT FOR DEATH

If the Contractor is an individual or a proprietary concern and the individual or the proprietor dies or if the Contractor is a partnership concern and one of the partner dies then, unless Owner is satisfied that the legal representative of the individual or the proprietary concern

OR

The surviving partners are capable of carrying out and completing contract, he (the Owner) is entitled to cancel the contract, for the uncompleted part without being in any way liable for any compensation payment to the estate of the deceased Contractor and/or the surviving partners of the Contractor's firm on account of cancellation of contract. The decision of the Owner in such shall be final binding. The Owner shall not hold the estate of

the deceased Contractor and/or the Surviving partners of the Contractor's firm liable for any damages for non- completion of contract.

30. MEMBERS OF THE OWNER / ARCHITECT / CONSULTANT / NOT INDIVIDUALLY LIABLE

No official or employee of the Owner / ARCHITECTS / Consultant shall in any way Personally be bound or liable or acts obligations of the Owner /ARCHITECTS /Consultant under the contract or answerable for any default or omission in the observation or performance of any of the a Architects, matters or things which are herein contained.

31. OWNER NOT BOUND BY PERSONAL REPRESENTATIONS

The Contractor shall not be entitled to any increase on the scheduled rates or any other rights or claims whatsoever by reason of any representation, explanation statement or alleged understanding promise or guarantees given or to have been herein contained.

32. SITE OFFICE

Contractors shall establish a fully finished site office at his expenses as will be directed by owners / Architects.

33. CONTRACTOR'S SUBORDINATE STAFF AND THEIR CONCERN

33.1. The Contractor on award of the work shall name and depute qualified minimum Technical and other staff as per the Tender conditions innumerate elsewhere in this document having sufficient experience in carrying out work of similar nature to whom the equipment, materials if any, shall be issued and instructions for works given. The Contractor shall also provide to the satisfaction of the ARCHITECTS sufficient and qualified staff to supervise the construction of the works, competent sub-agents, foremen and loading hands including those specially qualified by previous experience to supervise the types of works comprised in the contract in such manner as will ensure the best quality and expeditious working. At any time in the opinion of the Architects representative any additional qualified experienced staff is considered necessary they shall be employed by the Contractor to the satisfaction of the Architects representative.

If any of the Contractor's Sub-Contractor's, agents, sub-agents, assistants, foremen or any employees in the opinion of ARCHITECTS be guilty/qualify of any misconduct or incompetent or, such a person (s) shall be removed from the site. Such persons shall not again be employed in connection with the works without the written permission of the ARCHITECTS. Vacancy so created shall be immediately filled at the expense of the Contractor.

33.2. The Contractor shall be responsible for the proper behavior of all the Staff, foremen, workmen, and the others, shall exercise proper degree of control over them and in particulars without prejudice to the said generality the Contractor shall be bound to prohibit / prevent any employees from trespassing or acting in any way detrimental or prejudicial to the interest of the owner's security rules or the properties. The Contractor shall be responsible for any damages, civil or criminal action or any other grounds whatsoever. The

decision of the ARCHITECTS upon any matters arising under this clause shall be final and binding on contractors.

33.3. If and when required by the owner, all Contractor's personnel entering upon the Owner's premises shall be properly identified by badges of a type acceptable to the Owner which must be worn at all times on Owner's premises. The Contractor, his staff, work force, sub-Contractor shall strictly adhere to all the safety, security and other rules of the company and relevant statutory requirements such as factory inspector etc. during the pendency of work.

34. SUB-LETTING WORKS

34.1. No part of the contract nor any share or interest therein shall in any manner or degree be Transferred assigned or subject by the Contractor directly or indirectly to any person, firm or Corporation whosoever except as provided for in the succeeding sub-clause without the specific consent in writing of the Owners / Architects.

34.2. SUB-CONTRACTING OF WORKS

The ARCHITECTS may give written consent to sub contract for the execution of any part of the works at the site, provided the Contractor submits each individual sub-contract to the ARCHITECTS / Owners for approval of mode of operations and agency for the work. The Contractor is advised not to enter in to such sub contracts unless the specific consent of ARCHITECTS / OWNERS is obtained in writing in advance.

34.3. LIST OF SUB-CONTRACTED WORKS TO BE FURNISHED

At the commencement of each month or specific event, the Contractor shall furnish to the Architects, a list of all sub-Contractors, persons or firm engaged by the Contractor and worked at the site during the previous month and specific events with particulars like general nature of the sub-contract or works done by them.

34.4. CONTRACTOR'S LIABILITY NOT LIMITED BY SUBCONTRACTORS

Notwithstanding any sub-letting with such approval as may be required and notwithstanding that the ARCHITECTS shall have received copies of any Sub-Contracts, the Contractor shall remain solely responsible for the quality and proper expeditious execution of the works and the performance of all the conditions of the contract in all the respects as if such sub-contracts or sub-letting and not taken place, and as if such work had been done directly by the Contractor.

34.5. Contractors shall submit a notarized copy the declaration against the payments released to the sub-contractors against each R.A. Bill.

34.6. OWNER MAY TERMINATE SUB-CONTRACTS

If any sub-Contractor engaged upon the works at the site executed any work which in the opinion of the ARCHITECTS is not in accordance with the contract documents, the Architects / Owner may give written notice to the Contractor and request him to terminate such sub-contract. The Contractor upon the receipt of such notice shall terminate and dismiss the Sub- Contract and the sub-Contractor. The Owner shall have the right to remove such sub-Contractor from the site if Contractor fails to vacate the Sub-Contractor immediately.

34.7. NO REMEDY ACTION TAKEN UNDER THIS CLAUSE

For action taken by the Owner under the clause shall not relieve the Contractor of the any of his liabilities under the contract or give rise to any right or compensation, extension of time or otherwise.

35. POWER OF ENTRY

If the Contractor shall not commence the work in the manner described in the contract documents or if he any time in the opinion of the ARCHITECTS.

- i) Fails to carry on the works in conformity with the contract documents
- Or
- ii) Fails to carry on the works in accordance with the contract schedule or
- iii) Substantially suspend work or the works for the period of seven days without authority from the ARCHITECTS or
- iv) Fail to carry on and execute the works to the satisfaction of the ARCHITECTS.
- v) Fail to supply sufficient or suitable constructional plant, temporary works, labour materials or other things or
- vi) Commits, suffers or permits any other breach of any of the provision of the contract on his part to be performed or observed or persist in any of the above mentioned breach of the contract for fourteen days, after the notice in writing shall have been given to the Contractor by the ARCHITECTS requiring such breach to be rectified or
- vii) If the Contractor during the continuance of the contract shall become bankrupt, make any arrangement or composition with his creditors, or permit any executions to be levied or go into liquidation whether compulsory or voluntary not being merely a voluntary liquidation for the purpose of amalgamation or reconstruction.

Then in any such case, the owner shall have the power to enter upon the works and take possession thereof and of the materials, temporary works, constructional plant and stock thereon, and to revoke the Contractor license to use the same, and to complete the works by his agents, other Contractor, or workmen, or to relate the same upon any terms and to such other person firm or corporation as the Owner in his absolute discretion may think proper to employ and for the purpose aforesaid, to use or authorise the use of any materials, temporary works, constructional plant and stock as aforesaid, without making payment or allowance to the Contractor for the said materials other than such as may be certified in the writing by the Architects to be reasonable, and without making any payment or allowance to the Contractor for the use of the temporary said works constructional plant and stock or being liable for any loss or damage thereof and if the owner shall by reason for his taking possession of the work of the works being completed by the other Contractor (due account, being taken by of any such extra work or works which may be omitted by then the amount of such excess as certified by the Architects shall be deducted from any money which may be due for work done by the Contractor under the contract and not paid for any deficiency shall forthwith be made good and paid to the owner or to sell in which ever manner and for whatever such price as he may think fit all or any of the constructional plant, materials etc. constructed by or belonging to and to recoup and retain

the said sufficiency or any part thereof out of the proceeds of the same.

36. CONTRACTOR'S RESPONSIBILITY FOR EXECUTION OF WORKS VIS-À-VIS SITE CONDITIONS

36.1. Without repugnance to any other conditions, it shall be the responsibility of the Contractor executing the work of civil construction considering the following:

- I. The work is to be executed to the buildings wherein the occupants will be working in shifts as per owner's requirements. The Contractors shall have to execute the work in areas in consultation with owners by taking appropriate safety measures, diversions and timings. The Contractors shall have to erect necessary barricades propping, scaffoldings, screens, covers etc at his own cost as will be directed by owners / Architects. Nothing extra shall be payable on this account. Further the Contractors shall have to adhere strictly to the security and other rules of the company during the entire execution of work.
- II. It is brought to notice of Contractors that during the entire pendency of work, Housekeeping within the area of works shall be strictly managed by Contractors as per the requirements of owners. This will constitute daily schedules, alternate day schedules, weekly schedules etc. as per the ARCHITECTS / OWNERS instructions and requirements. No debris will be allowed to be thrown from top to the ground level. Necessary chute shall be provided at his own cost by the contractors as per the instructions of ARCHITECTS / OWNERS and the debris will be removed daily.
- III. To work in close cooperation and co-ordinate in the works with the mechanical, electrical, air-conditioning, and intercommunication Contractors and the other agencies or their authorised representative, in providing the necessary grooves, recesses, cuts and opening etc. and making good the same to the desired finish as per specifications, for the placement of electrical Inter communication, air- conditioning, Contractors and other agencies and
- IV. Prepare and put a joint scheme, showing the necessary opening, cuts, grooves, recesses, the method of fixing required for the works of the aforesaid and the finishes therein, to the ARCHITECTS and shall have the written consent of the other agencies to this effect.
- V. The ARCHITECT before communicating his approval to the scheme with any required modifications shall get the final consent of all the agencies, which shall be binding on all such agencies including the Contractors for Civil works. No claim shall be entertained on account of the above.
- VI. The working between all the agencies at site shall be guided / co-ordinated by the Architect / Owner. However it is the joint responsibility of all Contractors at site to ensure the completion of the total project as per the scheduled time period envisaged by the Owner/Architect.

36.2. The Contractor shall confirm in all respect with the provisions of any statutory regulations. Ordinances or bye-laws of any local or duly constituted authorities or public bodies which may be applicable from time to time to the works or any temporary works. The Contractor shall keep the Owner indemnified against all penalties and liabilities of every kind, arising out of no adherence to such status, ordinances, laws, rules, regulations etc.

37. OTHER AGENCIES AT SITE

The Contractor shall have to execute the work in such place and condition where other agencies will also be engaged for other works such as site grading filling and leveling, electrical and mechanical engineering works etc. No claim shall be entertained due to work being executed in the above circumstances.

38. SERVING OF NOTICES

38.1. To the Contractor

Any notice may be served on the Contractor or his duly authorised representative at the job site or by registered mail or by courier service directly to the address furnished by the Contractor. Proof of issue of such notice should be conclusive of the Contractor having been duly informed of the contents therein.

38.2. To the Owner

Any notice to be given to the Owner under the terms of the contract shall be served by sending the same by Registered mail to or delivered the same to the Project Co-ordinator or the Project Manager as defined above.

39. RIGHTS OF VARIOUS INTERESTS

39.1. The Owner reserves the right to distribute the work between more than one Contractors. The Contractor shall co-operate and afford the other Contractors all reasonable opportunity for access to the works for the carriage and storage of materials and execution of their works.

39.2. Wherever the work is being done by any department of the owner or by the Contractors employed by the Owner as per the contingent upon work covered by this contract the respective rights and various interests involved shall be determined by the ARCHITECTS to secure the completion of the various portions of the work in general harmony.

40. PATENTS, ROYALITES, RENT & EXCAVATE MATERIAL

40.1. The Contractor, if licensed under any patent covering equipment, machinery, materials or compositions of matter to be used or supplied or methods and process to be practiced or employed in the performance of this contract, agrees to pay all royalties and license fees which may be due with respect thereto. If any equipment, machinery, materials composition of matters, to be used or supplied or methods and process to be practiced or employed in the performance of this contract, agrees to pay all royalties and license fees which may be due with respect thereto. If any equipment, machinery, materials composition of matters, to be used or supplied or methods and process to be practiced or employed in the performance of this contract, is covered by a patent under which the Contractor before supplying or using the equipment, machinery, materials, composition method or processes shall obtain such licenses and pay such royalties and licenses fees as may be necessary for performance of this contract.

40.2. In the event the Contractor fails to pay any such royalty or obtain any such license, any suit for infringement of such patents which is brought against the Contractor as a result of such failure will be defended by the Contractor at his own expenses and the Contractor will pay any damages and costs awarded in such suit.

- 40.3. The Contractor shall promptly notify the Owner if the Contractor has acquired knowledge of any plan under which a suit for infringement could be reasonably brought because of the use of the owner of any equipment, machinery, materials process, methods to be supplied hereunder. The Contractor agrees to and does hereby grant to Owner, together with the right to extend the same to any of the subsidiaries of the Owner as irrevocable, royalty-free license to use in country, any invention made by the Contractor or his employee in or as a result of the performance of the work under the contract.
- 40.4. All charges on account of royalty, tollage, rent, octroi terminal or sales tax and / or other duties or any other levy on materials obtained for the work or temporary work or part thereof (excluding materials provided by the Owner) shall be borne by the Contractor.
- 40.5. The Contractor shall not sell or otherwise dispose off or remove except for the purpose of this contract, the sand, stone, clay, ballast, earth, rock or other substances or materials obtained from any excavation made for the purpose of the works or any building or produce upon the site at the time of delivery of the possession thereof but all such substances, materials, buildings and produce shall be the property of the Owner provided that the Contractor may with the permission of the ARCHITECTS use the same for the purpose of the works by payment of cost of the same at such a rate as may be determined by the ARCHITECTS.
- 40.6. The Owner shall indemnify and save harmless the Contractor from any loss on account of claims against Contractor for the contributory infringement of patent rights arising out and based upon the claims that the use by the Owner of the process included in the design prepared by the Owner and used in the operation of the plant infringes on patent right. With respect to any sub-contract entered into by the Contractor pursuant to the provisions of therelevant clause hereof, the Contractor shall obtain from the sub-Contractor an undertaking to provide the Owner with the same patent protection that Contractor is required to provide under the provisions of this clause.

41. LIENS

- 41.1. If at any time there should be evidence or any lien, claim for which the Owner might have become liable, which is chargeable to the Contractor; then the Owner may pay and discharge the same and deduct the amount so paid from any amount which may be or may become due and payable to the Contractor. If any lien or claim remains unsettled after all payments are made, the Contractor shall settle all the claims including all payments and reasonable expenses.
- 41.2. Nothing Extra for Adverse Sub-Soil ConditionsThe nature of sub-soil of the work site may vary widely horizontally and vertically. The KI and KII value may vary widely from place to place. In addition the water bearing seems may also be conspicuous with the water table at a depth of 1.5 to 2.5 meters. A number of cohesive and non-cohesive strata may be available in the site

- 41.3. The Contractor shall have to make cuts and resort to shoring, strutting / temporary

supporting, pumping with due care to avoid collapsing of sides and occurrence of "Piping" The Contractor shall also be careful to avoid occurrence of excessive "heaving" by avoiding keeping the excavation exposed to atmosphere for a longer period.

41.4. Slips and falls in excavation shall be cleared by the Contractor at his own cost. Excessive heaving shall have to be cut and refilled with lean concrete by the Contractor at his own cost. The Contractor shall have to adopt underwater work in case of occurrence of piping/quick condition without any additional cost to the Owner.

41.5. No Compensation in Case of Change on Location of Site

Change of location of site does not invalidate the contract and bidder have no claim for any compensation for such changes.

41.6. Schedule of Quantities

The Schedule of Quantities unless otherwise stated shall be deemed to have been prepared in accordance with the standard procedures of the ARCHITECTS and shall be considered to be approximate and no liability shall attach to the ARCHITECTS and the Owners for any error that may be discovered therein. It is also specifically brought to the notice of Contractors that any increase, decrease, deletion of any of items of work due to any reason, shall not entitle Contractor to any extra claim, amount or compensation under any circumstances.

41.7. Sufficiency of Schedule of Quantities

The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the prices stated in the Schedule of Quantities and / or the Schedule of Rates and Prices, which rates and prices shall cover all his obligations under this Contract, and all matters and things necessary for the proper completion of the works.

41.8. Photographs of Works Carried out the Contractor shall supply at his own cost a reasonable number of photographs of the works carried out from time to time as per the instructions of the ARCHITECTS. In the event of any dispute or termination of Contract, by Owner, the Contractor shall arrange to obtain Photographs of the works completed at his own cost upon the date of such termination of Contract. A monthly report shall be submitted by the contractor along with the photographs of the works in progress (minimum 30 nos.). This shall be submitted before 6th day of every month through hard copies (2 nos.)

41.9. Matter to be Finally Determined by Architects The Architect's/Owner's opinion, direction, Certificates (except for payments) with respect to all or any of the matter under Clauses 2,6,8,16,17,23,30,40,42,44,47 hereof and as to the exercise by him of the right to have any works opened up, (which matters are herein referred to as the except matters) shall be final and conclusive and binding on the parties hereto and shall be without appeal. The Architect's shall ensure and base his opinion on the decision given by the owner. Any other decision, opinion directions, Certificate of Valuation of the ARCHITECTS or any refusal of the Consultant to give any of the same shall be subject to the right of Arbitration and review in the same way in all respects (including the provision as to opening the reference) as if it were a decision of the ARCHITECTS under the follow

SECTION – V

PERFORMANCE OF WORK

42. EXECUTION OF WORKS

All the works shall be executed in strict conformity with the provisions of the contract documents explanatory detailed drawings specifications and instructions by the Architects whether mentioned in the contract or not. The Contractor shall be responsible for ensuring that works are executed in the most substantial, proper and workmen like manner using the quality materials and labour, throughout the job completing in strict accordance with the specifications and to the entire satisfaction of the ARCHITECTS

42.1. Quality Assurance Plan

Contractors shall submit a detailed Quality Plan stating the various items and the mode of testing against the same. The details about the laboratory set up and the staff to be engaged for Quality Assurance shall be furnished by the contractors.

It is an agreed term of contract that the Contractor shall appoint suitable Technical/Managerial staff at site as specified in the Tender and agreed by him. Further the Contractor shall ensure that during execution of work he shall keep suitable daily records in terms of quality control checks register and produce the same to Architects / Clients representative and obtain his concurrence / objections for particular activity before proceeding further. If any objections are recorded on the said quality control check registers by the Architects / Clients representative, the same shall be rectified in terms of physical work at site to be specifically agreed and endorsed by the Architects / Clients representative and then proceed with the particular work. In the Technical specification & Price Bid, the details of quality control check for some of the items are given. This may not be full and final exhaustive list for all items and activities. It will be Contractor's responsibility to device such check lists for various items not covered under the said list, get the same approved from Architects before proceeding with the particular item and observe the same faithfully to the requirement of the work.

42.2. Failure on the part of the Contractors to employ suitable Technical / Managerial staff in terms of specific Tender requirements as specified by the Owner/ Architect will attract a penalty of 1% or part thereof of tendered value of work per month subject to maximum limit of 5% of the Tendered value of work. In addition to above, the owners and Architects shall be free to appoint suitable Technical and other staff and the cost thereof along with additional 30% administrative expenditure of owners shall be debited to Contractors every month till the completion of the project. The decision given by the Architects in this regards shall be final, binding and conclusive. It is made abundantly clear that the maintaining quality control checks by means of check lists is only a working arrangement to ensure quality of work from time to time. It is the ultimate responsibility of the Contractors to carry out the entire work to the accepted specifications in a workman like manner taking cognizance of overall Contractors obligations, liabilities under this contract. The Architects decision regarding quality of work of a particular item and of the entire work will be final, and

conclusively binding on the Contractors.

42.3. Along with the Tender document in an independent format, shall submit a Quality Assurance plan indicating the following broadly.

1. Details of Technical Supervising staff at site in terms of Tender provisions.
2. Confirmation of establishing within a specific period of site Testing laboratory at site including obtaining various Testing Apparatus, equipments in terms of Tender provisions.
3. Details of various material testing laboratories which Contractors intend to use other than site Testing laboratory.
4. Details and methodology of frequency of various building material to be tested in terms of Tender provisions / Good engineering practice.
5. Details of various materials to be brought for works and their source.
6. The sequence of various operations of work at various stages including testing procedure within the scheduled period of completion.

The above points (1 to 6) shall be got specifically approved from the Architects after the Letter of Intent is given to Contractors prior to commencement of work. It is further agreed that in addition to above items, if the Architect instruct to carry out certain measures, maintain additional information, registers etc. at site the Contractor shall do so without any extra cost.

Failure to maintain a full-fledged working Testing laboratory including various Testing apparatus gadgets, machine shall attract a penalty to the tune of ½ % of Tendered value of work or part that per subject to a limit of 5% of Tendered value of work.

43. **COORDINATION AND INSPECTION OF WORKS**

The co-ordination and inspection of the day-to-day work under the contract shall be the responsibility of the ARCHITECTS or his authorised representative. A site order book will be maintained by the Contractor for each sector in which the aforesaid written instructions will be entered. These will be signed by the Contractor or his authorized representative by way of acknowledgement within 12 hours.

44. **WORKS IN MONSOON AND DEWATERING**

44.1. The execution of work shall require working in the monsoon also. The Contractor must maintain a minimum labour-force as may be required for the job and plan and execute the construction and erection according to the prescribed schedule. No extra rate / claim will be entertained for such work in monsoon.

44.2. During monsoon and other period, it shall be the responsibility of the Contractor to keep the construction work site free from water, debris at his own cost. Suitable arrangement of pumps pipelines, removing debris daily, housekeeping etc. shall be made by Contractors for which no extra payment shall be made.

45. **HOUSEKEEPING**

It will be the responsibility of the Contractors to remove debris, on daily basis and to maintain owner's premises in an utmost clean manner to meet owner's requirements, will

be Contractors responsibility. The Contractor shall submit a housekeeping strategy to the Architects along with Tender document. Nothing extra will be paid to Contractors for housekeeping. In case of Contractor failure, the owners shall appoint its housekeeping agency to do the job and deduct suitable payment from Contractors bill (R.A. & Final). The Architects decision in this regard will be final, binding and conclusive.

46. WORK ON SUNDAYS AND HOLIDAYS

For carrying out the works on Sundays and holidays Contractors will approach the ARCHITECTS or his representative at least two days in advance and obtain permission in writing. The Contractor shall observe all labor laws and other statutory rules and regulations, consequence if any, including the cost thereto shall be exclusively borne by the Contractor and the Owner shall have no liability on this account.

47. GENERAL CONDITIONS OF CONSTRUCTION AND ERECTION WORK

- 47.1. The usual working time at the time of work is 48 hours per week. Overtime is permitted in cases of need and but the Owner will not compensate the same. Shift working at 2 or 3 shifts per day will become necessary and the Contractor should take this aspect in to consideration for formulating his rates for quotation. No extra claims will be entertained by the Owner on this account. The execution of work shall strictly confirm to owner's security rules.
- 47.2. The Contractor must arrange for the placement of workers in such a way that the delayed completion of the work or any parts thereof or for any reason whatsoever will not affect their proper employment. The owner will not entertain any claim for idle time payment whatsoever.
- 47.3. The Contractor shall submit to the ARCHITECTS reports at regular intervals regarding the state and progress of work. The details and pro-forma of the report will mutually be agreed after the award of contract. The Contractor shall provide display boards showing progress and labour strength at work site, as directed by the ARCHITECTS.

48. DRAWING TO BE SUPPLIED BY OWNERS / ARCHITECTS

- 48.1. The drawings attached with tender are only for the general guidance to the Contractor to enable him to visualise the type of work to be completed. The Contractor will be deemed to have studied Drawings and formed an idea about the total work involved.
- 48.2. In the course of progress of work detailed working drawings on the basis of which execution of the work has to proceed, shall be furnished in stages. The Contractor shall be deemed to have gone through the drawings supplied to him thoroughly and carefully, in conjunction with all other connected drawings and discrepancies if any; shall be brought to the notice of the ARCHITECTS before actually carrying out the works. The drawings required for the work shall be supplied progressively as the work proceeds. The decisions regarding the issuance of various drawings, details and their sequence shall be purely prerogative of Architects and shall be binding on the Contractors. The Contractors shall not be allowed for any claims out of such decisions. Wherever specifically asked for the Contractors shall submit fabrication drawings for items of structural steel works, aluminium works to Architects. On receiving specific approval the Contractors shall execute the work of such items.
- 48.3. Copies of all detailed working drawings relating to the works shall be kept at the Contractor's office on the site and shall be made available to the ARCHITECTS at any time during the contract period. The drawings and other documents issued shall be returned to the

ARCHITECTS/Owner on completion of the works.

48.4. DRAWINGS AND SPECIFICATIONS

The works shall be carried out to the entire satisfaction of the Owner and the Architect/Consultant, in accordance with the signed drawings and specifications and such further drawings and details as may be provided by the ARCHITECTS, and in accordance with such written instructions, directions and explanations as may from time to time be given by the ARCHITECTS, whose decision as to the sufficiency and quality of the work and materials shall be final and binding upon all parties.

48.5. Three sets of the signed Drawings and Specifications and Schedule of Quantities shall be furnished by the ARCHITECTS to the Contractor. The ARCHITECTS shall furnish within such time as he may consider reasonable, one copy of additional drawings which in his opinion may be necessary for execution of any work. Such copies shall be kept on the works, and the ARCHITECTS or his representative shall at all reasonable times have access to the same. The Contractors shall insure the latest revised drawings issued by Architects are always followed at site for execution works. All drawings and specifications shall be returned to the ARCHITECTS by the Contractor before the issue of the Final Certificate.

48.6. Over and above two copies of drawings will be charged to Contractors. No drawings shall be taken as in itself an order for variation unless, in addition to the ARCHITECTS signature it bears express words stating that it is intended to be such an order or bears a remark "VALID FOR CONSTRUCTION".

48.7. If the work shown on any such further drawings or work that may be necessary to comply with any such instructions, directions or explanations, be in the opinion of the Contractor is extra to that comprised in or reasonably to be inferred from the Contract, he shall before proceeding with such work, give notice in writing to this effect to the ARCHITECTS and in the event of the ARCHITECTS agreeing to the same in writing, the Contractor shall be entitled to an allowance in respect of such extra work as an authorised extra.

48.8. If the ARCHITECTS and the Contractor fail to agree as to whether or not there is an extra item then if the ARCHITECTS decide that the Contractor shall have to carry out the said work, the Contractor shall do so. The question, whether or not there is any extra, and if so the amount thereof, shall failing agreement, be settled by Arbitration as hereinafter provided but such reference shall in no way delay the fulfillment of this Contract.

48.9. No claim for payment for extra work shall be allowed unless the said work shall have been executed as per the provisions of Clause 39 (Authorities Notices, Patent Rights and Royalties) or by the authorities, directions in writing of the ARCHITECTS as herein mentioned.

48.10. The Contract shall remain in the custody of the owners and shall be produced by the Owner when required by the Architects or by the Contractor.

49. **DRAWINGS TO BE SUPPLIED BY THE CONTRACTOR**

49.1. Where approval of drawings or designs for manufacture / construction /fabrication has been

specified, it shall be Contractor's responsibility to have the detailed engineering drawings prepared as per the directions of ARCHITECTS and get them approved specifically before proceeding with manufacture/construction/fabrication works as the case may be. Any changes that may have become necessary in these drawings during the execution of work shall have to be carried out by the Contractor to the satisfaction of Architect-at no extra cost. All final approved drawings shall bear the certification stamp duly signed by both the Contractor and the ARCHITECTS as indicated below:

"Certified true for (Name of work)

Agreement No. (ARCHITECT)

Signed (Contractor)

49.2. A period of 2 (TWO) weeks from the date of receipt shall be required for approval of drawings by the ARCHITECT

50. **SETTING OUT WORKS**

- 50.1. The ARCHITECTS shall furnish to the Contractor with only the four corners of the work that is set boundary limits, and a level bench mark only. The Contractor shall set out the works, provide an efficient staff for the purpose and shall be solely responsible for the accuracy of such setting out.
- 50.2. The Contractor shall provide, fix and be responsible for the maintenance of all stacks, templates, level marks, profiles and other similar things shall take all necessary precautions to prevent their removal or disturbance. He shall be responsible for the consequences, arising out of such removals, disturbances, corrections, thereon and for their efficient and timely reinstatement. The Contractor shall also be responsible for the maintenance of all existing survey marks, boundary marks, distance marks and center line marks, either existing or supplied and fixed by the Contractor.
- 50.3. Before beginning the work the Contractor shall at his own cost, provide all necessary reference and level posts, pegs, bamboos, flags, ranging rods, strings and other materials for proper lay out of the work in accordance with the scheme for bearing marks acceptable to the Architects. The center longitudinal, face and cross line shall be marked by means of small masonry pillars. Each pillar shall have distinct mark at the centre to enable the Theodolite to be set over it. No work shall be started until all these points are checked and approved by Architects in writing, but such approval shall not relieve the Contractor of any of his responsibilities. The Contractor shall also provide all labour, materials and other facilities as necessary for the proper checking of layout and inspection of the points during construction.
- 50.4. Pillars bearing geodetic marks located at the sites of units of works under construction shall be protected and fenced by the Contractor.
- 50.5. On completion of work, the Contractor must submit the geodetic documents according to which the work was carried out.

51. RESPONSIBILITY FOR LEVEL AND ALIGNMENT

51.1. The Contractor shall be entirely and exclusively responsible for the horizontal and vertical alignment, the level and correctness of every part of the work and shall rectify effectual any errors or imperfections therein. Such rectifications shall be carried out by the Contractor at his own cost, when instructions are issued to that effect by the ARCHITECTS.

52. LIGHTING, WATCH & WARD, ELECTRICITY & WATER CHARGES

52.1. The Contractor shall, in connection with the works provide and maintain at his own cost all lighting, guards, fencing and watch and ward when and where necessary or required the ARCHITECTS or his representative. In case water and electricity are arranged by Contractor, there will be no recovery will be made as per actual on the basis of consumption by meter.

52.2. The Contractor shall procure and provide the whole of the materials required for the construction including building materials, tools, tackles, construction plant and equipment for the completion and maintenance of the work. The owner may give necessary recommendation to the respective authorities, if so desired by the Contractor but assumes no further responsibility of any nature for procurement of the same. The owner reserves his right to insist on the procurement of materials which has the approval of Indian Standards Institution having ISI stamps and / or which is supplied by reputed suppliers. In special cases where materials are not available with ISI stamp / specific permission to use alternate material shall be obtained from the owner. The steel centering props, shuttering temporary supports scaffolding, screens, curtains, barriers is to be provided by Contractors only, as will be instructed by Architects. Nothing extra will be payable on this account.

52.3. The Contractor shall properly store all materials either issued to him or brought by him to the work site to prevent damages due to rain, wind, direct exposure to sun, etc. as also from theft, pilferage etc. for proper and speedy execution of his works. The Contractor shall maintain sufficient stocks of all materials required by him.

52.4. No material, Constructional plant such as shuttering props, machinery like Vibrators, mixer etc. shall be dispatched from the site or Contractors stores before obtaining the specific approval in writing of the ARCHITECTS.

52.5. It shall be the responsibility of the Contractor to arrange in time all materials required for the works. If however in the opinion of the ARCHITECTS the execution of the work is likely to be delayed due to the Contractor's inability to make arrangements for supply of materials, which normally he has to arrange for, the Architects shall have the right at his own discretion to owner or procure the materials from the market or elsewhere. The Contractor will be bound to take such materials at the rates decided by the ARCHITECTS. This however, does not in any way absolve the Contractor from responsibility of making arrangement for the supply of such materials in part or in full, should such a situation occur nor shall this constitute a reason for the delay in the execution of the work.

52.6. The Contractor shall, if desired by the ARCHITECTS/OWNER be required to execute an indemnity bond in the prescribed form for the safe custody usage and accounting of all materials issued by the owner.

52.7. Account of the materials such, as cement, lime etc. shall be maintained by the Contractor indicating the daily receipt consumption and balance in hand in a manner prescribed by the Architects. All connected papers, shall be always available for inspection in the Contractors office at site.

53. MATERIALS OBTAINED FROM DISMANTLING

If the Contractor in the course of execution of the work is called upon to dismantle any part for reasons other than those stipulated in clause 57 hereunder, the materials obtained in the work/ unserviceable material of dismantling etc. will be considered as the Owner's property and will be disposed of to the best advantage of the Owner.

54. ARTICLES OF VALUE FOUND

All gold, silica and other minerals of any descriptions, precious stones, coins, treasures, relics, antiques and other similar things which shall be found in, under or upon the site, shall be the property of the owner and the Contractor shall duly preserve the same to the satisfaction of the Architects and shall from time to time deliver the same to such person or persons indicated by the owner.

55. INSPECTION OF WORKS

55.1. The ARCHITECTS will have full power and authority to inspect the works in progress at any time whenever the premises/workshops of the Contractor, persons firm or corporation are situated and where works in connection with the contract may be or where materials are being or intended to be supplied. The Contractor shall afford or procure every facility and assistance to ARCHITECTS to carry out such inspection. The Contractor shall at the time during the usual working hours and at all other times at which reasonable notice of the intention of the Architects or his representative to visit the works shall have been given to the Contractor, either himself be present to receive orders and instructions or have a responsible agent duly accredited in writing be present for the purpose. Orders given to the Contractor's agent shall be considered to have the same force as if they had been given to the Contractor himself.

55.2. The Contractor shall give not less than seven days' notice in writing to the ARCHITECTS before covering up or otherwise placing beyond reach of inspection and measurement any work in same may be inspected and measured. In the event of failure of above the same shall be uncovered and all facilities made available again at Contractor's expenses for carrying out such measurement or inspection.

55.3. The Contractor is to provide at all times during the progress of the work and the maintenance period proper means of access with ladders, gangways, etc. and the necessary attendance to move and adopt as directed for inspection or measurement of the works by the ARCHITECTS

56. ASSISTANCE TO THE SITE ENGINEER

The Contractor shall make available to the Site Engineer free of cost all necessary instruments and assistance in checking of setting out of works and in the checking of any works made by the Contractor for the purpose of setting out and taking measurements of work.

57. DISCREPANCIES BETWEEN INSTRUCTIONS

Should any discrepancy arise between the various instructions furnished to the Contractor or his agents or staff or if any doubt arises on the meaning or implementation of any such instructions or should thereby any difference of opinion on the issues, the Contractor shall refer the matter immediately in writing to the ARCHITECTS whose decisions thereon shall be final and conclusive. No claim on losses alleged to have been caused by such discrepancies between instructions, doubts or misunderstanding shall in any event be admissible.

58. ERRORS IN SCHEDULE OF QUANTITIES

Should any error in the schedule of Quantities, other than in the Contractor's prices and calculations, it shall not vitiate the contract.

59. ALTERATIONS IN SPECIFICATIONS AND DESIGN EXTRA WORKS

The ARCHITECTS / OWNERS shall have power to make any alterations in, omissions from, additions to or substitutions for the items in the schedule, the original specifications, drawings and instructions that may appear to him to be necessary or advisable during the progress of the work, and the Contractor shall be bound to carry out such altered/extra/new items of work in accordance with any instructions which may be given to him in writing signed by the ARCHITECTS / OWNERS and such alterations, omissions, additions or substitutions shall not invalidate the contract and any altered, additional or substituted work which the Contractor may be directed to do in the manner above specified, as part of the work shall be carried out by the Contractor on the same conditions in all respects on which he agreed to do the main work. The time of completion of work may be extended for the part of the particular job at the discretion of the ARCHITECTS for only such alterations, additions or substitutions for the work, as he may consider as just and reasonable. The rates for such additional altered or substituted work under this clause shall be worked out in accordance with following provisions-

- 59.1. If the rates for the work are specified in the contract for the work, the Contractor is bound to carry out even the additional, altered or substituted work at the same rates as are specified in the contract.
- 59.2. If the rates for the work are not specifically provided in the contract, then for the additional, altered or substituted work, the rates will be derived from rates for similar class of works, as specified in the Contract for the work. The opinion of the Architects as to whether or not the rates can be reasonably so derived from the items in this contract will be final and binding on the contract.

59.3. If the altered, additional or substituted work include any work for which no rate is specified in the contract for the work and cannot be derived from the similar class of work in the contract, then such work shall be carried out at such rates entered in B.S.R. 91 (of CPWD) minus/plus percentage which the total tendered amount bears to the estimated cost of the entire work put to tender.

59.4. If the rates for the additional, altered or substituted work cannot be determined in the manner specified in sub-clause (a) (b) & (c) above, then the Contractor shall within 7 days of the date of receipt of order to carry out of the work, inform the ARCHITECTS of the rate which it is his intention to charge for such class / item of work, supported by a proper analysis of the rates claimed, and the ARCHITECTS shall determine the rate or rates on the basis of the prevailing market rates plus the labour cost at schedule of hourly / daily rates as given in tender + 15% to cover Contractor's supervision overhead and profit and Works Contract tax, Turnover Tax and such other taxes pay the Contractor accordingly. The opinion of the ARCHITECTS as to current market rates of the materials and the quantum of labour involved per unit of measurement will be final and binding on the Contractor. The Architect representative may not utilise the schedule or hourly/daily rates quoted by the Contractor, to arrive at the reasonable rate payable for such work and the above course will be resorted to, if such schedule of hourly/daily rates, in his opinion cannot be applied in arriving at a reasonable rate.

[Application of (c) or (d) shall be decided by the ARCHITECT in consultation with the OWNER]

59.5. The rates derived as in Clauses a, b, c, d, of this clause shall be inclusive of Works Contract Tax, Turn Over Tax or any such other taxes levied/ Leviable. The 15% margin includes Works Contract Tax, Turn Over Tax or any such taxes levied / leviable. No separate provision for the above taxes shall be made.

59.6. Where extra work cannot properly be measured and valued. The Contractor shall be allowed day work prices, provided that a written authority for day work is obtained by the Contractor before the Contractor before the execution of the extra work and provided that in any case vouchers specifying the time daily spent upon the work countersigned by the Owner's Representative and the material employed, shall be delivered for verification to the ARCHITECTS not later than the end of the week following that in which the work has been executed. If compliance with the Architects instruction involves the Contractor in any cost or expense beyond that provided for in or reasonably contemplated by the contract, then unless such instructions were issued by reason of some breach of the Contract by the Contractor, the amount of such cost and/or expense shall be ascertained by the ARCHITECTS and shall be reimbursed, to the Contractor by the Owner on the ARCHITECTS certificate.

59.7. The owner reserves the right to increase or reduce the scope/value of the work. The rates shall remain firm and no claims for increase in rates shall be entertained.

60. ACTION WHERE NO SPECIFICATION IS ISSUED

In case of any class of work for which there is no such specification supplied by the owner as is mentioned in the tender document such work shall be carried out in accordance with Bureau of Indian Standard. If the Bureau of Indian Standard does not cover the name, the work should be carried out as per standard Engineering Practice subject to the approval of the ARCHITECTS.

61. ABNORMAL RATES

The Contractor is expected to quote the rate after careful analysis of cost involved for the satisfactory performance and completion of item work considering all specifications and conditions of contract. This will avoid loss of profit or gain in case of curtailment or change in

specification for any other item. In case the rates quoted by the bidder are unusually high or unusually low it will be sufficient cause for the rejection of the tender unless the owner is convinced about the reasonableness of the analysis for such rate furnished by the bidder (on demand).

62. TESTS FOR QUALITY OF WORKS

- 62.1. All materials and workmanship shall be of the respective kinds described in the contract documents and in accordance with the instructions of the Architect may direct at the place of manufacture or fabrication or at the site or at all or any such places. The Contractor shall provide assistance, instruments, machines, labor and materials as are required for examining measuring and testing any workmanship as may be selected and required by the Architects representative /ARCHITECTS. Even if the material is supplied by Owners, the responsibility of carrying out tests prior to use in work and during execution of work shall be of Contractors.
- 62.2. All the tests that will be necessary in connection with the execution of the work as decided by Architects representative shall be carried out at the field testing laboratory as will be directed to Contractors from time to time. In case of non-availability of testing facilities with the Contractors, the required test shall be carried out at the cost of Contractor at government or such other testing laboratory as directed by Architects representative/ARCHITECTS. Testing of the materials as well as of completed part of work is an integral part of the work and the tendered rates include the provision for same. No separate payment shall be made for carrying out tests of various buildings materials or completed works as per the frequency mentioned in the Tender in the respective clause. All time schedules shall make the provision for the time required for carrying out such tests as and when directed and no additional time / extension shall be granted to the Contractor on this account.

63. SAMPLES

The Contractor shall furnish to the ARCHITECTS for approval when requested or if required by specifications, adequate samples of all materials and finishes to be used in the work. Such samples shall be submitted before the work is commenced and in ample time to permit tests and examinations thereof. All materials furnished and finishes applied in actual work shall be fully equal to the approved samples.

The frequency of tests to be carried for each item of work shall be generally guided by provisions respective of BIS Codes; however the final decision in this regard will be the sole discretion of ARCHITECTS.

64. LIABILITIES FOR DEFECTS, IMPERFECTION ETC. AND RECTIFICATIONS THEREOF

If it shall appear to the ARCHITECTS that any work has been executed with unsound, imperfect or unskilled workmanship, or that any materials of any inferior description, or that any materials or articles provided by the Contractor for the execution of work are unsound, or of quality inferior to that contracted for, or otherwise not in accordance with the contract, the Contractor shall on demand in writing from the ARCHITECTS or his authorized representative, (notwithstanding that the same may have been inadvertently passed, certified and paid for) forthwith rectify or remove and reconstruct that work so specified and provide other proper and suitable materials or articles at his own charge and cost, and in the event of failure to do so within a period to be specified by the Architects representative in his demand

aforsaid, the Architects representative may on expiry of notice period rectify or remove

and re-execute the work or remove and replace with others, the materials or articles complained of as the case may be at the risk and expense in all respects of the Contractor. However the Contractor shall remain responsible for the quality and the performance of the said work carried out by the owner/other Contractors. Opening up / inspection of covered work in selective areas shall be allowed by the Contractor to check the quality of the work. The same shall be done and covered back / made good by the Contractor at no extra cost. The Contractor shall remain responsible for all the work carried out by them.

The decision of the ARCHITECTS as to any question arising under these clauses shall be final and conclusive.

65. SUSPENSION OF WORKS

Subject to the provisions of sub Para (ii) of this clause, the Contractor shall if, ordered in writing by the ARCHITECTS or his representative, temporarily suspend the works or any part thereof for such period and such time as so ordered and shall not, after receiving such written orders, proceed with the work therein ordered and to be suspended until he shall have received a written order to proceed therewith. The Contractor shall not be entitled to claim compensation for any loss or damage sustained by him by reason of temporary suspension of the works aforesaid. An extension of time for completion, corresponding with the delay caused by any such suspension of the works as aforesaid will be granted to the Contractor should he apply for the same provided that the suspension was not consequent to any default or failure on the part of the Contractor.

66. POSSESSION PRIOR TO COMPLETION

The Architects representative shall have the right to take possession of or use any completed or partially completed work or part of the work. Such possession or use shall not be deemed to be an acceptance of any work completed in accordance with the contract. If such prior possession or use by the Architects representative delays the progress of work equitable adjustment in the time of completion will be made and the contract agreement shall be deemed to be modified accordingly.

67. DEFECT LIABILITY PERIOD

(3..... month's period of defects liability from the date of issue of completion certificate and

Settlement of final bill by the Owner

67.1. The Contractor shall guarantee the completed work for a period of.....months from The date of completion of work as certified by the ARCHITECTS and settlement of final bill by owners, which is indicated in the completion certificate. Any damage or defects that may arise though remained un-discovered at the time of completion certificate, connected in any way with the equipment or materials supplied by him or in the workmanship shall be rectified or replaced by the Contractor at his own expense as deemed necessary by the Architects representative or in default, the ARCHITECTS may cause the same to be made good by other agency and deduct expenses, including excess amount incurred, if any, (of shall be final) from any sums that may be then or at any time thereafter become due to the Contractors, or from EMD or Retention Money.

67.2. If the Contractor feels that any variation in work or in quality of materials or proportions would be beneficial or necessary to fulfill the guarantees called for, he shall bring this in writing to the notice of the Architects representative. **CARE OF WORKS**

From the commencement to completion of the work, the Contractor shall take full responsibility for the care of all works including all temporary works and in case any damage loss or injury shall happen to the work from any cause whatsoever shall at his own cost

repair and make good the same so that on completion the work shall be in good order and in conformity in every respects with the requirements of the contract and the Architects representative's instructions.

67.3. **DEFECTS PRIOR TO TAKING OVER**

If at any time before the work is taken over, the Architects representative shall:

- a) Decide that any work done or materials used by the Contractor or any sub-Contractor is defective or not in accordance with the contract or that the works or any portion thereof are defective, or do not fulfill the requirements of contract (all such matters being herein after, called 'Defects' in this clause) and
- b) As soon as reasonably practicable gives to the Contractor notice in writing of the said decision specifying particulars of the defects claimed to exist or to have occurred.

Then the Contractor shall at his own expense and with all speed make good the defects so specified.

- 67.4. In case Contractor shall fail to do so, the owner may take at the cost of the Contractor, such steps as may in all circumstances be reasonable to make good such defects. The expenditure so incurred by the Owner will be recovered from the amount due to Contractor. The decision of Architects with regard to the amount to be recovered from the Contractor will be final and binding on the Contractor. As soon as the works have been completed in accordance with the contract (except in minor respects that do not affect their use for the purpose of which they are intended and except for maintenance thereof) and have passed the test on completion, the Architects representative shall issue certificate (hereinafter called completion certificate) in which he shall certify the date on which the works have been so completed and have passed the said tests and the Owner shall be deemed to have taken over the works on the date so certified. If the works have been divided into various groups in the contract, the owner shall be entitled to take over any group or groups before the other or others.

67.5. Defects after Taking Over

In order that the Contractor could obtain a completion certificate he shall make good with all possible speed, any defects arising from the defective materials supplied by the Contractor or that may have been noticed or developed after the works or group of the works have been taken over, the period allowed, for carrying such work will be normally one month. If any, defects be not remedied within a reasonable time, the Owner may proceed to do work at Contractor's risk and expense and deduct from the final bill such amount as may be decided by the Owner.

If any reason of any default on the part of the Contractor a completion certificate has not been issued in respect of any portion of the works within the month after the date fixed by the owner the owners will be at liberty to use the work or many portion thereof in respect of which a completion certificate has not been issued, provided that the works or the portion thereof so used as aforesaid shall be afforded reasonable opportunity for completion of those works for the issue of completion certificate.

67.6. Guarantee/Transfer of Guarantee

For works like water-proofing, acid and alkali resisting materials, pre-construction soil

treatment against termite or any other specialised works etc. the Contractor shall invariably engage sub-Contractors who are specialists in the field and firms of repute and such a sub-Contractor shall furnish guarantees for their workmanship to the Owner, through the Contractor. In case such a sub-Contractor firm is not prepared to furnish a guarantee to owner, the Contractor shall give that guarantee to the owner directly. It will be the sole responsibility of Contractors to guarantee the work particularly for chemical treatment, water-proofing and indemnify the owners in this regards.



SECTION – VI
CERTIFICATE AND PAYMENT

68. SCHEDULE OF RATE AND PAYMENT

68.1. CONTRACTOR'S REMUNERATION

The price to be paid by the owner to the Contractor for whole of the work done and for the percentage of all the obligations undertaken by the Contractor under the contract documents shall be ascertained by the application of the respective schedule of rates (the inclusive nature of which is more particularly defined by way of application but not of limitation, with clause of No. 67.2) and payment to be made accordingly to the work actually executed and approved by the Architects representative. The sum so ascertained shall (exception only as and to the extent expressly provided herein) constitute the sole and inclusive of remuneration of the Contractor under the contract and no further or other payment whatever shall be or become due or payable to the Contractor under the contract.

68.2. SCHEDULE OF RATES TO BE INCLUSIVE

- a) Schedule of rates shall be deemed to include and cover all costs Expenses and liabilities of every description and all risks of every kind to be taken in executing, completion and handling over the work to the owner by the Contractor. The rates also include the cost for various Contractors obligations under this contract, all the taxes, cost of Testing of materials and completed works and also the cost of Technical and other staff required as per the provisions in Tender, Transportation charges etc. The Contractor shall be deemed to have known the nature; scope, magnitude and the extent of the works and materials required through the contract documents may not fully and precisely furnish them. He shall make such provision in the schedule of rates, as he may consider necessary to complete the work. The opinion of the ARCHITECTS as to the items of work which are necessary and reasonable for completion of work shall be final and binding on the Contractor although, the same may not be shown on or described specifically in contract documents.
- b) No price variation / escalation shall be paid to the Contractor for the material or labour during execution of the work.
- c) Generality of this present provision shall not be deemed to cut down or limited in any way because in certain cases it may and in other cases it may not be expressly stated that the Contractor shall do or perform a work or supply articles or perform with services at his own cost or without addition of payment or without extra charges or works to the same effect or that it may be stated or not stated that the same are included in an approved schedule of rates. No escalation under any circumstances will be permitted, on the agreed rates except for the specific provisions of escalation.
- d) Basic Rate of Materials (The Type of Materials to be decided by the Architect/ Owner)
- e) For the items where basic rate of material is concerned it will be the responsibility of the

Contractors to procure the material of approved quality from the nearest available source of material. Before procuring the material the Contractors shall obtain the rates for the specific material confirmed in writing from the Architects. The Architects decision about the quality of material, the availability of nearest source shall be final, binding and conclusive. It is also agreed term of contract that the Contractor shall produce all the necessary documentary evidence for such materials including the bills for payment of Transportation, loading, unloading, sales and other Taxes octroi etc. the Architects decision about the final price of the materials where basic rates are agreed shall be final and binding on the Contractors.

The basic rates furnished in the BOQ already include material cost, all the taxes, duties, transportation loading & unloading at site.

68.3. ESCALATION

It should be explicitly understood by the Contractor that the rates payable to the contractor are **FIXED AND ARE NOT LIABLE FOR CONSIDERATION OF ANY ESCALATION** towards any increase in prices of building materials and labours or otherwise etc., during complete execution period of works.

It will be the sole responsibility of the Contractor to procure all the materials required for the work and for its safe storage and custody at site. The Contractor shall purchase these materials only of approved manufacture and only from the authorised dealers nearest to the site. These materials shall confirm to the relevant BIS standards and the detailed specifications stipulated in this contract.

68.4. PROCUREMENT OF BUILDING MATERIALS

It will be the sole responsibility of the Contractor to procure and store all the building materials required for work referred above and other all materials required and for its safe storage and custody at site. The Contractor shall purchase these materials only of approved manufacture and only from the authorised dealers who are nearest to the site. These materials shall confirm to the relevant BIS standards and the detailed specifications stipulated in this contract. The material required for the work shall be procured only in the sequence of operation. It is an agreed term of contract that the Contractor shall **NOT** be liable to receive any advance against any materials procured by him.

68.5. SCHEDULE OF RATES TO COVER CONSTRUCTIONAL PLANT, MATERIAL, LABOUR SAFETY PROVISIONS, CURTAINS, SCAFFOLDING ETC.

Without in any way limiting the provisions of other sub-clauses the schedule of rates shall be deemed to include and cover the cost of all constructional plant, safety provisions, curtains, scaffolding, housekeeping temporary works, pumps, materials, labour, insurance, fuel, stores, all the costs of various obligations of the Contractor under this contract, all the tests to be carried out and appliances to be supplied by the Contractor and all other matters in connection with each item in the schedule of quantities and the execution of the work or any portion thereof finished complete in every respect and maintained as shown or described in the contract documents or as may be ordered in writing during the continuance of the contract.

68.6. SCHEDULE OF RATES TO COVER ROYALTIES, RENTS, AND CLAIMS

The schedule of rates shall be deemed to include and cover the cost of all royalties and fees for the articles, process, protected by the letters, patent or otherwise incorporated in or used in connection with the works, also all royalties rents and other payments in connection

with obtaining material, or whatsoever, kind for the works and shall include an indemnity to the owner which the Contractor hereby gives against all actions, proceeding, claims, damages, cost and expenses arising from the incorporation in or use on the works of any such articles, processors, or change if levied on material, equipment or machinery to be brought to site for use on work, shall be borne by the Contractor.

68.7. SCHEDULE OF RATES TO COVER TAXES AND DUTIES

No exemption or reduction of custom duties, excise duties, sales tax, quay or any port duties, transport charges, stamp duties or Central or State Government or Local Body (or from any other Body) or Municipal Taxes, service taxes or duties, taxes or charges whatsoever will be granted or obtained and all expenses of which shall be deemed to be included in and covered by the schedule of rates. The Contractor shall also obtain and pay for all permits or other privileges necessary to complete the work.

68.8. SCHEDULE OF RATES TO COVER RISKS OF DELAY

The schedule of rates shall be deemed to include and cover the risk of all possibilities of delay and interference with the Contractor's conduct of work which occur from any cause including orders or the owner in the exercise of his powers and on account of extension of time granted due to various reasons and for all other possible or probable cause of delay.

68.9. SCHEDULE OF RATES CANNOT BE ALTERED

For work under rate basis, no alteration will be allowed in the schedule of rates by reasons of works or any part of them being modified, altered, extended diminished or omitted. The schedule of rates is of fully inclusive rates which have been fixed by the Contractor and agreed to by the Owner and cannot be altered. However, the Architects / owner reserve right to deduct the proportionate rates for not fulfilling contractual obligations by the Contractors as per the terms of contract in running as well as final bills. The Contractor shall submit R.A. bills as well as Final bills in the format approved by the Architects/Project Co-ordinator () and settle with the Architect.

68.10. PRE PAYMENT AUDIT & POST PAYMENT AUDIT

It is an agreed term of contract that "NHRDF, Nashik", reserve to itself the right to carry out a pre-payment audit and /or a post payment audit and/or technical scrutiny of the works and final bill including all supporting vouchers, abstracts, etc. and to make a claim on the Contractor for the refund of any excess amount paid to him, if as a result of such scrutiny any over payment to him is discovered to have been made in respect of any work done or alleged to have been done by the Contractor under the contract, the Contractor shall refund the same to the owners without any condition. For this the Contractor shall, If so desired by the Architects/Owner shall sign an indemnity bond on stamped paper including a Bank Guarantee to the tune of appropriate sum as decided by Architects of executed work for 1 year shall be furnished by Contractors at the time of refund of the full amount of Retention Money. If any under payment is discovered as a result of such technical audit, the same shall be paid by the owners to the Contractors.

69. PROCEDURE FOR MEASUREMENT/BILLING OF WORK IN PROCESS

69.1. All measurable shall be in metric system. All the works in progress will be jointly measured by the Architects representative *NHRDF's authorized person* and the Contractor's authorised agent progressively. Such measurement will be got recorded in the measurement book by the Architects representative or his authorised representative and signed in token of acceptance by for Contractor or his authorised representative for the purpose of taking joint measurement the Contractor's representative shall be present whenever required by the Architects representatives If however he abstains for any reason whatsoever the measurements will be taken by Architects or his representative and this will be deemed to be correct and binding on the Contractor.

69.2. BILLING

The Contactor will submit a bill in approved proforma in quadruplicate to the Architects representative giving abstract and detailed measurement for the various items executed during a month, before the expiry of the first week of the succeeding month. The Architects representative shall take or cause to be taken the requisite measurement for the purpose of having the same verified and the claim as far as admissible adjusted if possible, before the expiry of 15 days from presentation of the bill. The Architects reserve the right to certify part rates withheld lump sum payment for not fulfilling contractual obligations. The bills to the Architect shall be submitted in the prescribed proforma only.

70. ADVANCE

The contractor shall be granted an amount equal to 10% of finalized tendered cost as mobilization advance towards site mobilization and preliminary works, purchase of materials required for construction and arranging tools.

Plant and equipment to carry out the work in the best workman like manner.

70.1. SECURED ADVANCE ON MATERIALS

The contractor shall YES be liable to receive secured advance on the security of any materials brought to site for execution of the contracted items of work

70.2. Dispute in Mode of Measurement

In case of any dispute as to the mode of measurement not covered by the contract to be adopted for any item of work, mode of measurement as per latest Bureau of Indian Standard Specification shall be allowed.

71. LUMPSUM IN TENDER

For the item in tender with a mentioned of lumpsum in respect of parts of works, the Contractor shall be entitled to payment in respect of the items at the same rates as are payable under this contract for such items if the part of the work in question is not, in the opinion of the Architects representative / ARCHITECTS capable of measurement, or determination, the Owner may at his discretion pay the lumpsum amount entered in the tender or percentage thereof and the certificate in writing of the Architects representative shall be final and conclusive against the Contractor with regards to any sum or sums payable to him, under the provision of this clause.

72. RUNNING ACCOUNT PAYMENTS TO BE REGARDED AS ADVANCES

All Running Account payments made for R.A. Bills of Contractors shall be regarded as payments by way of advance against the final payment only and not preclude the requiring of bad, unsound and taken away and reconstructed or re-erected, or be considered as an admission of the due performance of the contract, or any part thereof, in this respect or of the accruing of any claims by the Contractor, nor shall it, conclude, determine or affect in any way the powers of the owner under these conditions or any of them as to the final settlement and adjustment of the accounts.

The payment against each R.A. Bill shall be released in two parts as follows:

- a) 60% percentage shall be released as part payment (Advance Payment) against the billed amount after the initial scrutiny by the Engineers at site and the Architects.
- b) Balance percentage shall be released after checking the measurement sheets, details about the Advance payments etc and issue of certificate by the Architect.
- c) The Running Account Bill shall accompany the following documents:
 - I. Bill as per tendered quantities and rates.
 - II. Detailed measurement sheets.
 - III. Detailed about the proforma invoices, bills, delivery challans, test certificates and gate pass of NHRDF.
 - IV. Copy of P.F. & ESIC payments of the previous months.
 - V. Requirements as per labour laws, wage register, attendance register etc.

73. NOTICE OF CLAIMS FOR ADDITIONAL PAYMENT

Should the Contractor consider that he is entitled to any extra payment or compensation or to make any claims whatsoever in respect of the works he shall forthwith give notice in writing to the ARCHITECTS that he claims extra payment and/or compensation. Such notice shall be given to the ARCHITECTS within ten days from the ordering of any work or happening of any event whichever is earlier upon which the Contractor bases such claims and such notice shall obtain full particulars of the nature of such claims with full details and amount claimed. Failure on the part of the Contractor to put forward any claim with the necessary particulars as above within the time above specified shall be absolute waiver thereof. No omission by the owner to reject any such claim and no delay in dealing therewith shall be waiver by the owner of any right in respect thereof.

74. PAYMENT OF CONTRACTOR'S BILLS

Payment to contractor will be made at following stages of work:

- I. At plinth level.*
- II. On casting of first slab.*
- III. On casting of 2nd slab.*
- IV. On completion of Brick work & plaster.*
- V. On completion of flooring.*
- VI. All remaining works.*

75. RECEIPT FOR PAYMENT

Receipt for payment made on account of work when executed by a firm, must be signed by a person holding due power of attorney in this respect on behalf of the Contractor. Except when the Contractor are described in their tender as a limited company in which case the receipt must be signed in the name of the company by one of its principal officers or by some other person having authority to give effectual receipt for the company.

76. COMPLETION CERTIFICATE**76.1. Application for completion certificate**

When the Contractor fulfills his obligation under clause 66.4 he shall be eligible to apply for completion certificate in respect of the work by submitting the completion documents along with such application for completion certificate.

The ARCHITECT shall normally issue to the Contractor the completion certificate within a reasonable period after receiving an application thereof from the Contractor after verifying from the completion documents and satisfying himself that the work has been completed in accordance with and as set out in the construction and erection drawings, and the contract documents. The Contractor after obtaining the completion certificate is eligible to present final bill for the work executed by him under the terms of contract.

76.2. Issue of Completion Certificate

Within, one month of the completion of work in all respects, the Contractor shall be furnished with a certificate by the ARCHITECT of such completion but no completion certificate shall be given nor shall the work be deemed to have been executed until all scaffolding, surplus materials and rubbish is cleared off the site completely nor until the work shall have been measured by the ARCHITECTS whose measurement shall be binding and conclusive. The work will not be considered as complete and taken over by the Owner until all the temporary works, labour and staff colonies etc. constructed are removed and work site cleared to the satisfaction of the Architects representative.

If the Contractor shall fail to comply with the requirements of this clause or before the work date fixed for the completion of the work, the ARCHITECT may at the expenses of the Contractor remove such scaffolding, surplus materials and rubbish and dispose off the same as he thinks fit and clean off such dirt as aforesaid, and the Contractor shall forthwith pay the amount of all expenses so incurred and shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any sum actually realised by the sale thereof.

76.3. Completion Documents

For the purpose of clause 75 the following documents will be deemed to form the completion documents.

- i. The technical documents according to which the work was carried out.
- ii. Three sets of as built construction drawings duly showing the modification and corrections made during the course of execution signed by the ARCHITECTS.

- iii. Completion certificate for embedded and covered Up 'works.
- iv. Certificate of final levels as set out for various works.
- v. Certificates of tests performed for various works.
- vi. A certificate from Contractors indemnifying owners against payments to his suppliers, sub-Contractors
- vii. A certificate from Contractors indemnifying the owners about payment of Govt. taxes, ESIC/ PF provisions, royalties ad payments of Govt., Municipal and all other statutory dues, such as construction water charges, electricity charges etc.
- viii. Necessary warranties, and guarantees about specialized works, such as waterproofing, painting, epoxy painting, anti-termite treatment etc.
- ix. A set of photographs of the work taken from time to time at every 10 days intervals. (minimum photographs – 100 (one Hundred)
- x. Theoretical consumption and actual consumption of cement / steel.
- xi. Material appropriation statement for the materials issued by the owner's and list of surplus materials returned to the Owner's store duly supported by documents.

76.4. No Claim Certificate

A No claim certificate from the Contractors stating that he has no claims other than the payments put in the Final Bill in the prescribed form shall accompany the final bill.

77. **FINAL BILL**

The ARCHITECTS shall examine and certify the final bill for payment after satisfying that the works and things removed or disbursed or damaged in consequence of the work have been properly replaced and made good and all expenses and demands incurred or made by or on the company or in respect of any damage or loss by from or consequence of the works have been satisfied, all materials have been returned and the site cleared. In respect of claims list given by the Contractor, the owner shall examine and either accepts or repudiates in whole or in part and conveys its decision in writing to the Contractor.

78. **FINAL DECISIONS AND FINAL CERTIFICATE**

Upon the completion of the period of liability and subject to the Architects representative/ARCHITECT being satisfied that the works have been duly maintained by the Contractor during monsoon or such part as herein provided in clause 66.1 and that the Contractor has in all respect duly made up all subsidence and performed all his obligation under the contract, the Architect shall (without prejudice to the right of the owner to retain the provisions of relevant clause hereof) otherwise give a certificate herein referred to as the final certificate, to the effect.

79. **CERTIFICATE AND PAYMENTS NO EVIDENCE OF COMPLETION**

Except the final certificate no other certificate or payment against a certificate or on general Account shall be taken to be admission by the Owner of the due performance of the contract Or any part thereof or of occupancy or validity of any claim by the Contract

SECTION – VII

TAXES AND INSURANCE

80. TAXES, GOODS and SERVICE TAXES ETC

The Contractor agrees to and does hereby accept full and exclusive liability for the payment of any and all terms GST, etc. now or hereafter imposed, increased or modified and all the taxes including taxes for unemployment compensation, insurance and old age pensions or annuities now or hereafter imposed by any Central or State Government authorities which are imposed with respect to or covered by the wages, salaries, or other compensations paid to the persons employed by the Contractor and the Contractor shall be responsible for the compliance with all obligations and restriction imposed by the labour law or any other law affecting Owner employee relationship and the Contractor further agrees to comply and to secure the compliance of all sub- Contractors with all applicable Central, State Municipal and local laws and regulations and requirements agency or authority. Contractor further agrees to defend, Indemnify and hold owner harmless from any liability or penalty which may be imposed by the Central, State or local authority by reason of any violation by Contractor or sub-Contractor of such laws regulations or requirement and also from all claims suits or proceeding that may be brought against the Owner arising under growing out of or by reason of the work provided for by this contract, by third party, or by Central or State Government authority or any administrative sub-division thereof.

81. TO INSURANCE CONTRACT CONDITIONS

- a. From commencement to completion of works, the Contractor shall take full responsibility for the care of the work and to third party and for taking precautions to prevent loss of or damage to the works and to minimize the loss damage to the greatest extent possible and shall be liable for any damage or loss that may happen to the works or any part thereof from any cause whatsoever, including causes such as lighting, explosion, earthquake, storm, hurricane, floods, inundation. Subsidence, landslides rock slides, riots (excluding Civil War rebelling, revolution and insurrection) and shall at his own cost repair and make good order and condition and in good order and condition and in conformity in every respect with the requirements of the Contract.

Explanation:

For the purpose of this condition, the expression “from commencement to completion of work” shall mean the time commencing from the issue of the work order to the Contractor by the ARCHITECTS / OWNERS and ending with or extending upto the expiry of the Defects Liability Period provided in the Agreement.

- b. Without limiting the obligations and responsibilities under this condition, the Contractor shall insure and keep insured the works from commencement to completion for their full value provided under this Contract, increased by 50% against the risk of loss or damage from

any cause including fire, earthquake, riots, damaged to building due to vibrations, shocks, seepage due to water leakage, damaged to foundation etc. whatsoever including the causes enumerated in clause (a) above, over which the Contractor has no control subject however to the availability of such insurance. In the event of there being a variation in the nature and extent of the work, the Contractor shall from time to time increase or decrease the value of the insurance correspondingly. The said insurance shall also provide for the removal of debris of the lost or damaged works. The said insurance shall be in the joint name of the Owner and the Contractor shall deposit with the Owner the said policy or policies. All moneys payable by the insurers under such policy or policies shall be recovered by the Owner from the insurance company and shall be paid to the Contractor in installments for the purpose of rebuilding or replacement or repair of the works and/or goods destroyed or damaged as the case may be.

- c. If the Contractor has a blanket insurance policy for all his work and the policy covers all the items to be insured under this condition, the said policy shall be assigned by the Contractor in favour of the Owner.
- d. The Contractor shall indemnify the entire property of the owners including the work under construction and keep indemnified the Owner against all losses and claims for injuries or damage to any person or any property whatsoever which may arise out of or in consequence of the construction and maintenance of the work and against all claims, demands, proceedings, damage, cost, charges, and expenses whatsoever in respect of or in relation thereto.
- e. Recovery against Damages
 - i. Before commencing execution of the work, the Contractor shall, without limiting his obligations and responsibilities under this condition insure against any damages loss or injury which may occur to any property including existing surrounding property of the Owner in respect of works and the claim for the same if any, may be, the same may be recovered by the Contractor directly from the insurers.
- f. Before commencing execution of the work the Contractor shall without in any way limiting his obligation and responsibilities under this condition insure against any damages, loss or injury which may occur to any property including the property of the Owner, and the ARCHITECTS or to any person including the Owner, the ARCHITECTS or his or their Agents and Servants by or arising out of the execution of this Contract.
- g. The Contractor shall at all times indemnify the Owner against all claims, damages or compensation under the provisions of the various acts amended upto date such as payment of Wages Act 1938 Workmen's Compensation Act 1923, Industrial Disputes 1947 and Contract Labour and Regulation and Abolition Acts 1970 or any modification thereof or any other law relating thereto and rules made there under from time to time or as a consequence of any accident or injury to any workmen or other persons in or about the work whether in the employment of the Owner, ARCHITECTS or Contractor or not and also against all costs, charges and expenses of any suit, action or proceedings whatsoever out of such accident or injury or compound any such claim. Without limiting his obligations and liabilities as provided above the Contractor shall insure against all claims, damages or compensation

payable under this clause.

- h. The Contractor shall prove to the Owner from time to time that he has taken out all the Insurance Policies with regard to the above and has paid the necessary premiums for keeping the policies valid till the expiry of the Defects Liability Period.
- i. The Contractor shall ensure that similar Insurance Policies are taken out by his Sub-Contractors and Nominated Contractors, if any and shall be responsible for any claims or losses to the Owner resulting from their failure to obtain adequate insurance protection in connection thereof. The Contractor shall produce or cause to be produced by his Sub-Contractors or Nominated Contractor if any as the case may be the relevant policy or policies and premium receipt as and when required by the Owner.
- j. If the Contractors and/or his Sub-Contractors or Nominated Contractors, if any shall fail to effect and keep in force the insurance referred to above or any other insurance which he/they may be required to effect under the terms of the Contract, then in any such case the Owner may, without being bound to, effect and keep in force any such insurance and pay such insurance and pay such premium or premiums as may be necessary for that purpose and from time to time to deduct the amount so paid by the Owner from any moneys due or which may become due to the Contractor or recover the same as a debt due from the Contractor.
- k. All insurance to be effected by the Contractor and/or his sub-Contractor or Nominated Contractors, if any, shall be taken out only with the Insurance Company or Companies approved by the Owner.
- l. Without prejudice to any of his obligations and responsibilities under this condition, the Contractor shall on or before executing the Agreement, furnish to the ARCHITECTS Certificate in the pro-forma, indicating the insurance or insurances obtained by him.
- m. No work shall be commenced by the Contractor unless and until he has obtained the insurance of insurances required to be obtained by him under or by the forgoing clauses and no work shall be carried out or continued by the Contractor unless and until each such insurance is current and valid at that time.
- n. The Contractor shall append the following certificate to each bill presented by him for payment. No bill shall be honoured unless enclosed by such certificate and further unless the Contractor has performed and observed the obligation hereunder to the satisfaction of the ARCHITECTS.

CERTIFICATE

This is to certify that the work for which this bill is presented was executed only after obtaining the necessary insurance policies in accordance with our obligation under this Contract and during the execution of such work, the insurance policy was current and valid as detailed below :-

	Work Insurance	Third party Insurance	Workmen Insurance
1) Name of Insurance Company :			
2) Policy No			
3) Value in Rs. :			
4) Date of issue :			
5) Date of Expiry :			

If the Contractor shall not perform and observe any of the duties and obligations falling upon him hereunder, and such omission of breach by the Contractor shall involve the Owner and liability tortuous or otherwise and/or any loss or damage and shall be entitled to recover the amount of restitution from any moneys due to the Contractor from the Owner or the ARCHITECTS under this Contract or any other Contract.

The necessary insurance under the Workmen's Compensation Act, Contract Labour (Regulation and Abolition) Act, E.S.I.C. and E.P.F. etc. as applicable shall be covered and policies/documents in respect of the above shall be lodged in duplicate by the Contractors with Owners. In the event of any claim for insurance becoming due on account of any eventualities covered by the respective Insurance policy/policies, Contractor shall reinstall the installation, replace the materials or equipments or pay compensations to the affected personnel/employees without waiting for settlement of claim from Insurance Company.

82. DAMAGE TO PROPERTY OR TO ANY PERSON OR ANY THIRD PARTY.

Contractor shall be responsible for making good to the satisfaction of the owner any loss or any damage to structures and properties belonging to the owner or being executed or procured or being procured by the owner or of the other agencies within the premises of all work of the owner, if such loss or damages is due to fault and/or the negligence or willful acts or omission of the Contractor, his employees, agents, representative or sub-Contractor.

- 82.1. The Contractor shall take sufficient care in moving his plants, equipments and materials from one place to another so that they do not cause any damage to any person or to the property of the owner or any third party including overhead and underground cables and in the event of any damage resulting to the property of the owner or to at third party during the movement of the aforesaid plant, equipment or materials the cost of such damages including eventual loss of production operation or services in any plant or establishing as estimated by the owner or ascertained or demanded by the third party shall be borne by the Contractor.

82.2. The Contractor agrees to indemnify and keep the owner harmless of all claims for damages to property other than owner's property arising under or by reason of this contract if such claims result from the fault and or negligence or willful acts or omission of the Contractor, agents' representative or Sub-Contractor.

83. **DEMURRAGE DUES**

The Contractor shall pay demurrage charges incurred by the owner because of the Contractors failure to load or unload any goods or materials within the time allowed by the Railway and/or transport agency for such loading or unloading as charges incurred by the owner on materials not removed by the Contractor within the permissible time as also charge due on consignments books by or to him. In case the Contractor fails to pay these charges, these charges shall be deducted from any sums, which may be due or become due to the Contractor in terms of the contract and or any other contract.



SECTION – VIII

LABOUR LAWS AND ARBITRATION

84. LABOUR LAWS

- 84.1. No labour below the age of 18 (eighteen) years shall be employed on the work.
- 84.2. The Contractor shall not pay less than what is provided under law to labours engaged by him on the work.
- 84.3. The Contractor shall at his expense comply with all labour laws and keep the owner indemnified in respect thereof.
- 84.4. The Contractor shall pay equal wages for men and women in accordance with applicable Labour Laws.
- 84.5. If the Contractor is covered under the Contractor labour (Regulation and Abolition) Act, he shall obtain a license from licensing authority (i.e. office of the labour commissioner) by payment of necessary prescribed fee and the deposit, if any before starting the work under the contract.
- 84.6. The Contractor shall employ labour in sufficient numbers either directly or through sub-Contractors to maintain the required rate of progress and of quality to ensure Workmanship of the degree specified in the contract and to the satisfaction of the Architects representative. The Contractor shall not employ in connection with the works any person who has not completed his 18 years (Eighteen) of age.
- 84.7. The Contractor shall furnish to the ARCHITECTS the distribution return of the number and description by trades of the work people employed on the work. The Contractor shall also submit on the 4th & 19th of every month to the Architects representative a true statement showing in respect of the second half of the preceding month and the first half of the current month (1) the accidents that occurred during the said fortnight showing the circumstances under which they happened and the extent of damages and injury caused by them and (2) the number of female workers who have been allowed Maternity Benefit as provided in the Maternity Benefit Act, 1961 or Rules made hereunder and the amount paid to them.
- 84.8. The Contractor shall comply with the provisions of the payment of Wages Act 1936, Minimum Wages Act 1948, Owners Liability Act 1938, Workman's Compensation Act 1923, Industrial Dispute Act 1947, Maternity Benefit Act 1961, and Contract Labour regulations and abolition Act 1937, Employment of children Act 1938, Employees State Insurance Act, Provident Fund Act etc. or any modifications thereof or any other law relating thereto and rules made hereunder from time to time.

84.9. The owners shall on a report having been made by an Inspecting Officer as defined in Contract Labour (Regulation and Abolition) Act, 1970 have the power to deduct from the moneys due to the Contractor any sum required or estimated to be required from making good the loss suffered by a worker or workers by reason of non-fulfillment of the conditions of the Contract for the benefit of workers, non-payment of wages or of deductions made from his or their wages which are not justified by the terms of contract or non-observance of the said regulations.

84.10. The Contractor agrees to indemnify the Owner against any payments to be made under and for the observance of the provisions of the aforesaid Acts without prejudice to his right to obtain indemnity from his sub-Contractors. In the event of the Contractor committing a default of breach of any of the provisions of the aforesaid acts as amended from time to time, of furnishing any information or submitting or filling any Form/Register/Slip under the provisions of these acts which is materially incorrect then on the report of the inspecting officers, the Contractor shall without prejudice to any other liability pay to the owner a sum not exceeding Rs. 500/- as liquidated damages for every default, breach or furnishing, making, submitting, filling materially incorrect statement as may be fixed by the Contractor's default continuing in this respect the liquidated damages may be enhanced to Rs. 1000/- per day for each day of default subject to a maximum of two percent or the estimated cost of the works put to tender. The Architects representative shall deduct such amount from bills or Retention Money of the Contractor and credit the same to the Welfare Fund constituted under these acts. The decision of the ARCHITECTS in this respect shall be final and binding.

85. IMPLEMENTATION OF APPRENTICES ACT 1961

The Contractor shall comply with the provisions of the Apprentice Act, 1961 and the Rules and orders issued there under from time to time. If he fails to do so, his failure will be a breach of the contract. The Contractor shall be liable for any pecuniary liability arising out of any violation by him of the provision of the Act.

86. CONTRACTOR TO INDEMNIFY THE OWNER

86.1. The Contractor agrees to indemnify the owner and every member officer and employee of the owner, also the ARCHITECTS and his staff against all action, proceedings claims, demands costs and expenses whatsoever arising out of or in connection with the matters referred to in clause 78 and elsewhere and all actions, proceedings, claims, demands, costs and expenses which may be made against the owner for or in respect of or arising out of any failure by the Contractor in the performance of his obligations under the contract. The owner shall not be liable for or in respect or in consequence of any accident or injury to any workmen or other person in the employment of the Contractor or his sub-Contractor and Contractor shall indemnify and keep indemnified and against all claims, damages, proceedings, costs, charges and expenses whatsoever in respect thereof or in relation there to.

87. PAYMENT OF CLAIMS AND DAMAGES

Should the owner have to pay any money in respect of such claims or demands as aforesaid

the amount so paid and the costs incurred by the owner shall be charged to and paid by Contractor and the Contractor shall not be at liberty to dispute or question the right of the owner to make such payments notwithstanding the same may have been without his consent or authority or in law or otherwise to the contrary.

87.1. In every case in which by virtue of the provisions of section 12, sub-section (1) of workmen's compensation Act, 1923 or other applicable provision of workmen's Compensation Act or any other act, the owner is obliged to pay compensation to a workman employed by the Contractor in execution of the works, the owner will recover from the Contractor the amount of compensation so paid, and without prejudice to the said act, owner shall be at liberty to recover such amount or any part thereof by deducting it from the Retention money deposit or from any sum due to the Contractor whether under this contract or otherwise. The owner shall not be bound to contest any claim made under section 12, sub-section (1) of the said act, except on the written request of the liable in consequence of contesting such claim.

88. HEALTH AND SANITARY ARRANGEMENTS FOR WORKERS

88.1. In respect of all labour directly or indirectly employed in the works for the performance of the Contractor's part of this agreement, the Contractor shall comply with or cause to be complied with all the rules and regulations of the local sanitary and other authorities or as framed by the owner from time to time for the protection of health and sanitary arrangements for all workers.

89. SETTLEMENT OF DISPUTES

89.1. Decision by the Owners and ARCHITECTS:

To prevent disputes and litigation, it shall be accepted as an inseparable part of the Contract, that improper work, interpretation of contract drawings and specifications mode of procedure and carrying out the work, the decision of the owner shall be final and binding on the Contractor and if any technical question which may arise touching the Contract, the Architect's decision shall be final and conclusive. The Contractor shall put his claim if any, on the decision given by the ARCHITECTS within 10 days from the date of such decision given by the Architect and if the said claim is not accepted and the Contractor is aggrieved by non-acceptance of the claim such dispute may be referred by him for Arbitration

89.2. ARBITRATION

- a) Except where otherwise provided in the contract all questions and disputes relating to the meaning of the specifications, designs, drawings and instructions herein before mentioned and as to the quality of workmanship or materials used on the work or as to any other questions claim, right matter or things whatsoever in any may arising out of or relating to the contract designs, drawings, specifications, estimates instructions, order of these condition or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof shall be referred to the sole arbitrator and the decision of sole arbitrator is final and binding to both the parties. The owners shall appoint an Arbitrator of his choice and the Contractor shall have to accept the nomination of such Arbitrator. The arbitrator to whom the matter is originally

referred being transferred or vacating his office or being unable to act for any reason, the owners shall appoint another person to act as arbitrator in accordance with the terms of this contract. Such person shall continue with the proceedings with the relevance from the stage at which it was left by the predecessor. In all cases where the amount of the claim in dispute exceeds Rs. 1.0 lakh (Rs. One lakh) the arbitrator shall give reasons for the award.

- b) Subject as aforesaid the provisions of the Arbitration and conciliation Act 1996 amended upto date or any statutory modification or re-enhancement thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause.
- c) It is a term of the contract that the party invoking arbitration shall specify and dispute or disputes to be referred to arbitration under the clause together with the amount for amounts claimed in respect of each such dispute.
- d) It is also a term of the contract that if the Contractor does not make any demand for arbitration in respect of any claim in writing within 15 days of receiving the intimation from the owners that the bill is ready for payment, the claim of the Contractor will be deemed to have waived and absolutely barred and the Owners shall be discharged and released of all liabilities under the contract in respect of these claims.
- e) The arbitrator may from time to time with consent of the parties enlarge the time for making and publishing the award.
- f) The decision of the Owners regarding the quantum of reduction as well as justification thereof in respect of rates for substandard work which may be decided to be accepted will be final and would not be open to arbitration.
- g) Notwithstanding reference of any matter for arbitration the Contractor shall continue to execute the contract in all respects without creating any hindrances in the work. It term of contract that if the Contractor choose to suspend, or stop the work or ignore the instructions of Architect's proceed with the work diligently, the same will be treated as breach of contract and the Contractor will be liable to pay owners the liquidated damages and any other compensation as will be decided. The Owners decision in this matter will be final.
- h) The venue of arbitration shall be at a place as may be decided by the Owner.
- i) Only court referred herein below shall have jurisdiction to entertain a claim or for enforcement of the award.
- j) The fees, if any, of the Arbitrator shall if required to be paid before the award is made & published be paid half and half by each of the parties. The costs of the reference and of the award including the fees, if any of the Arbitrator shall be in the discretion of the Arbitrator who may direct to any by whom and in what manner such costs or any part thereof shall be paid and may fix or settle the amount of costs to be so paid. The award of the arbitrator shall be final and binding on both the parties.

90. JURISDICTION / GOVERNING LAWS**90.1. Jurisdiction**

For all disputes arising out of this contract the jurisdiction shall lie under jurisdiction of Nashik courts only.

90.2. Governing Laws:

The Contractor shall be governed by and constructed according to the laws in force in Maharashtra & INDIA.



SECTION – IX

SAFETY CODES

91. GENERAL

Contractor shall adhere to safe construction practice and guard against hazardous and unsafe working conditions and shall comply with Owner's safety rules as set forth herein.

92. SAFETY REGULATIONS.

92.1. In respect of all labour, directly or indirectly employed in the work for the performance of Contractor's part of this agreement, the Contractor shall at his own expense arrange for all the safety provisions as per safety codes of C.P.W.D. & Indian Standards Institution, statutory requirements of Factory Act and all other statutory requirements, Regulations, Rules, and orders made there under and such other acts as applicable. Special attention shall be given to the various provisions of safety codes of Factories Act, 1948 & statutory amendments or modifications enforced time to time.

92.2. The Contractor shall observe and abide by all safety, fire safety regulations adopted by the owners. Before starting construction work, Contractor shall consult Owners safety Security officer and must make good to the satisfaction of the Owner any loss or damage due to fire to any portion of the work done or to be done under this contract or to any of the Owner's existing property.

93. FIRST AID AND INDUSTRIAL INJURIES.

93.1. Contractor shall maintain first aid facilities for his employees and those of his sub-Contractors.

93.2. Contractor shall make outside arrangements for ambulance service and for the treatment of industrial injuries. Names of those providing these services shall be furnished to owners prior to start of construction and their telephone numbers shall be prominently posted in Contractor's field office.

93.3. All critical, industrial, reportable and fatal injuries shall be reported promptly to Owners first and then to factory inspector's office and police department and a copy of Contractor's report covering each personal injury requiring the attention of a physician shall be furnished to the Owners. A Contractor shall take all necessary action vis-a-vis the compliance of statutory requirements of said authorities. Contractors shall settle all such incidences and keep the owner indemnified against complications arising out of the same.

94. GENERAL RULES

94.1. Smoking within the Work Area, is strictly prohibited Violators of the "No Smoking" rules shall

be discharged immediately.

95. CONTRACTOR'S BARRICADES

- 95.1. Contractor shall erect and maintain at his own cost barricades required in connection with his operation to guard or protect
- a) Excavations
 - b) Hoisting Areas
 - c) Areas adjudged hazardous by Architects Inspectors
 - d) Owner's existing property, which may be subject to damage by Contractor's operations
 - e) Railroad unloading spots.
- 95.2. Contractor's employees and those of his sub-Contractors shall become acquainted with Owner's barricading practice and shall respect the provisions thereof.
- 95.3. Barricades and hazardous areas adjacent to but not located in normal routes of travel shall be marked by red flasher lanterns at night.

96. SCAFFOLDING.

- 96.1. Suitable scaffoldings shall be provided for workmen for all works that cannot safely be done from the ground or from solid construction except such short period works as can be done safely form ladders. When a ladder is used a Mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying materials as well suitable foot-holds and handholds shall be provided on the ladder and the ladder shall be given an inclination not steeper than 1 in 4 (1 horizontal and 4 vertical)
- 96.2. Scaffolding or staging more than 4 meters above the ground or floors swing or suspended from an overhead support or erected with stationary support shall have a guard rail properly attached, bolted, braced and otherwise retarded at least one meter high above the floor or platform of such scaffolding or staging and extending along with entire length of the outside the ends thereof with only such openings as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure. Only steel scaffolding with 'H' frames and double support, properly braced shall be allowed to be used.
- 96.3. Working platform, gangways and stairways shall be so constructed that they should not sag unduly or unequally and if the height of the platform of gangway or the stairway is more than 4 meters above ground level or floor level, they should be closely boarded, should have adequate width and should be suitable fastened as described in (ii) above.
- 96.4. Every opening in the floor of a building or in a working platform be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be 1 meter.

- 96.5. Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9 meters in length. The width between the side rails in run ladder shall in no case be less than 30 cm for ladder upto and including 3 meters in increased at least 15 mm for each additional meter of length. Uniform step spacing shall not exceed 30cms. Adequate precautions shall be so stacked or placed as to cause danger or inconvenience to any person or public. The Contractor shall also provide all necessary fencing and lights to protect the workers and staff from accidents, and shall be bound to bear the expenses of defense of every suit action or other proceedings of law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damages and cost which may be awarded in any such suit or action or proceedings to any such person or which may with the consent of the Contractor be compromise any claim by any such person.
- 96.6. The Contractors shall give all technical details about scaffolding systems before erecting the same and only after obtaining specific sanction from Architects shall erect the same. In any case all the responsibility of safety aspect shall borne Contractors only.

97. EXCAVATIONS AND TRENCHING

All trenches 1.2 meters or more in depth shall at all times be supplied with at least one ladder for each 50 M length or fraction thereof. Ladder shall be extended from bottom of the trenches to at least 1 meter above the surface of the ground. The sides of the trenches which are 1.5 meters in depth shall be stepped back to give suitable slope, or securely held by timber bracing, so as to avoid the danger of sides to collapse. The excavated materials shall not be placed within 1.5 meters of the edge of the trench or half of the trench width whichever is more. Cutting shall be done from top to bottom. Under no circumstances undermining or under-cutting shall be done.

98. GENERAL SAFETY.

- 98.1. Before any demolition work is commenced and also during the process of the demolition work,
- a) All roads and open areas adjacent to the work site shall either be closed or suitably protected.
 - b) No electric cable or apparatus, which is liable to be a source of danger, shall remain electrically charged.
 - c) All practical steps shall be taken to prevent danger to persons employed from risk of fire or explosion or flooding. No floor, roof or other part of the building shall be so overloaded with debris or materials as to render it unsafe.
 - d) All persons connected with the execution of works shall wear safety helmets, safety belts, shields, goggles and protective appliances, safety ladders, platforms etc. to the specific requirements of the work.

- e) Suitable screens, curtains (plastic mesh hasion) shall be provided. The same shall be maintained in good condition at all the times.

98.2. All necessary personal safety equipments as considered adequate by the ARCHITECTS shall be kept available for the use of the persons employed at the site and maintained in condition suitable for immediate use, and the Contractor shall take adequate steps to ensure proper use of equipment by persons concerned as outlined below:

- a) Workers employed on mixing asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective gloves.
- b) Those engaged in white washing and mixing or stacking of cement bags or any materials, which are injurious to the eyes, shall be provided with protective goggles.
- c) Those engaged in welding and cutting works shall be provided and protective face and eye-shields, hand gloves etc.
- d) Stone breakers shall be provided with protective goggle and protective clothing and seated as sufficiently safe intervals.
- e) When workers are employed in sewers and manholes which are in use, the Contractor shall ensure that the manhole covers are opened and are ventilated at least for an hour before the workers are allowed to get into the manholes, and the manholes so opened shall be cordoned off with suitable railing and providing with warning signals or board to prevent accident to the public.
- f) The Contractor shall not employ men below the age of 18 years and woman on the work of painting with products containing lead in lead in any form. Wherever men above the age of 18 years are employed on the work of lead painting, the following precautions should be taken.
 - i. No paint containing lead or lead product shall be used except in the form of paste or ready-made paint.
 - ii. Suitable face masks shall be supplied for use by the workers when paint is applied in the form of spray or a surface having lead paint dry rubbed and scrapped.
 - iii. Overall shall be supplied by the Contractor to the workmen and adequate facilities shall be provided to enable the working painters to wash them on cessation to work.

98.3. When the work is done near any place where there is a risk of drowning all necessary safety equipment's shall be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provision should be made for prompt first aid treatment of all injuries likely to be sustained during the course of the work.

98.4. Use of hoisting machines and tackles including their attachments, anchorage and supports shall confirm to the following standard or conditions: -

- a) These shall be of good mechanical construction, should materials and adequate strength and free from patent defects and shall be kept in good working order.
 - b) Every rope used in hoisting or lowering materials or as means of suspension shall be of durable quality and adequate strength and free from patent defects.
 - c) Every crane driver or hoisting appliance operator shall be properly qualified and no person under the age of 21 years should be in charge of any hoisting machine including any scaffolding winch or give signals to the operator.
 - d) In case of every hoisting machine and of every chain ring hook, shackle swivel and pulley block used in hoisting or lowering or as means of suspension, the safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be marked with the safe working load and the conditions under which it is applicable shall be clearly indicated. No part of any machine or any gear referred to above in this paragraph shall be loaded beyond the safe working load except for the purpose of testing.
 - e) In case of departmental machine, the safe working load shall be notified by the ARCHITECTS. As regards Contractor's Machine, the Contractor shall notify the safe working load of the machine to the ARCHITECTS whenever he brings any machinery to site of work.
- 98.5. Motors, gears, transmission lines, electric wiring and other dangerous parts of hoisting Appliances shall be provided with efficient safeguards. Hoisting appliances shall be provided with such means as to reduce to the minimum the accidental descent of the load, adequate precautions should be taken to reduce the minimum the risk of any part or parts of a suspended load becoming accidentally displaced. When workers are employed on electrical installations, which are already energised, insulating mats, wearing apparel such as gloves sleeves and boots as may be necessary shall be provided. The workers shall not wear any rings, watches and carry keys or other materials, which are good conductors of electricity.
- 98.6. All scaffoldings, ladders and other safety devices mentioned or described herein shall be maintained in safe conditions and no scaffoldings, ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities shall be provided at or near place of work. The Contractor shall indemnify the owner against any damages whatsoever arising due to injury sustained by any person because of no provision of adequate barricades/fencing and lighting arrangements.
- 98.7. These safety provisions shall be brought to the notice of all concerned by displaying on a notice board at a prominent place at the workspot. The person responsible for compliance of the safety code shall be named therein by the Contractor.
- 98.8. All safety measures for constructional activities shall be as per BIS, unless and otherwise as stated.
- 98.9. All ensure effective enforcement of the rules and regulations relating to safety precautions, the arrangements made by the Contractor shall be opened to inspection by the welfare officer of the company or ARCHITECTS or their representatives.
- 98.10. Notwithstanding the above clauses there is nothing in these to except the Contractor from the operations of any other ACT or rules in force in the Republic of India. The works

throughout, including any temporary works, shall be carried out in such a manner as not to interfere in any way whatsoever with the traffic in any roads or footpaths at the site or in vicinity thereto or any existing works whether the property of the Owner or of a third party.

99. CARE IN HANDLING INFLAMMABLE GAS

99.1. The Contractor has to ensure all precautionary measures and exercise utmost care in handling the inflammable gas cylinders / inflammable liquids / paints etc, as required under the laws and/or as advised by the security officer of the Owners.

100. TEMPORARY COMBUSTIBLE STRUCTURES

Temporary combustible structures will not be built near or around work site.

101. PRECAUTIONS AGAINST FIRE

The Contractor will have to provide adequate Fire Extinguishers / Fire Buckets and drums at work site as recommended by Architects representative. They will have to ensure all precautionary measures and exercise utmost care in handling the inflammable gas cylinders/inflammable liquid/paints etc. as advised by ARCHITECTS. Temporary combustible structures will not be built near or around the work site.

102. EXPLOSIVES

Explosives shall not be stored or used on the works or on the site by the Contractor without the Permission of the Architects representative in writing and then only in the manner and to the extent to which such permission is given. When explosives are required for the works they shall be stored in a special magazine to be provided at the cost of the Contractor in accordance with the Explosive Rules. The Contractor shall obtain the necessary license for the storage and the use of Explosives and all operations in which or for which responsibility of the Contractor shall indemnify the owner against any loss or damage resulting directly or indirectly.

103. MINES ACT

103.1. Safety Code

The Contractor at his own expenses arrange for the safety provisions as required by the ARCHITECTS representative in respect of all labour directly employed for performance of the works and shall provide necessary facilities as aforesaid, the Architects representative shall be entitled to do so and recover the cost thereof from the Contractors.

103.2. Failure to comply with safety code or the provisions relating to report on accidents and to grant of maternity benefits to female workers shall make the Contractor liable to pay Company Liquidated damages an amount not exceeding Rs. 250/- for each default or materially incorrect statement. The decision of the ARCHITECTS in such matters based on reports from the inspecting officer or from representatives of ARCHITECTS shall be final and binding and deductions for recovery of such Liquidated damages may be made from all the provisions of the mines ACT 1952 or any statutory modifications or re-enactment thereof the time being in force and any Rules and Regulations made there under in respect of all the persons employed by him under this contract and agrees to indemnify the Owner from the against any claim under the Mines Act or the rules and regulations framed there under by or

on behalf of and persons employed by him or otherwise.

104. **PRESERVATION OF PLACE**

The Contractor shall take requisite precautions and use his best endeavors to prevent any riotous or unlawful behavior by or amongst his workmen and others employed on the works and for the preservation of peace and protection of the inhabitants and security of property in the neighborhood of the work. In the event of the Owner requiring the maintenance of special police force at or in the vicinity of the site during the tenure of works, the expense thereof borne by the owner shall be recoverable from the Contractor.

105. **OUTBREAKS OF INFECTIOUS DISEASES**

The Contractor shall remove from his camp such labour and their families as refuse protective inoculation and vaccination when called upon to do so by the Architects representative. Should cholera, plague or other infectious diseases break out the Contractors shall burn the huts, beddings, clothes and other belongings of or used by the infected parties and promptly erect new huts on the sites as required by Architects representative failing which within the time specified in the Architect's requisition, the work may be done by the Owner and the cost thereof recovered from the Contractor.

106. **USE OF INTOXICANTS**

The sale of adent spirits or other intoxicating beverages upon the work in any of the buildings encampments or tenements owned, occupied by or within the control of the Contractor or any of his employees is forbidden and the Contractor shall exercise his influence and authority to the utmost extent to secure strict compliance with this condition.

In addition to the above, the Contractor shall abide by the safety code provision as per CPWD safety code and Indian Standard Safety Code framed from time to time.

107. **BREACH OF SAFETY REGULATIONS**

Breach of safety regulations will be viewed very seriously and the Contractors shall be liable for punitive action as will be recommended by the safety officer of the owners.

SECTION – X**DEPLOYMENT OF TECHNICAL/NON TECHNICAL STAFF BY THE CONTRACTOR**

1. The Contractor shall indicate the technical and non- technical staff details including qualifications & experience. The site organization chart also shall be submitted along with the Technical bid. The strength of the staff should match with the progress of the work.
2. In case, if the staff deployed by the contractor is not found suitable by the Architect/ Project Co-Ordinator/ Owner to handle the work, they shall be removed from the site forthwith & appropriate replacement to be made.
3. Further the number of staffs for various activities if found inadequate by the Architect/ Project Co- Ordinator/ Owner, immediate augmentation to be made.
4. The Technical staff shall be available at site throughout the pendency of work till the completion certificate is granted by Architects for the work.
5. All the salaries, wages, remuneration, incentives, traveling, bonus, overtime and incidental expenses, medical, reimbursement or any charges, insurance premium, compensation of the entire staff shall be borne by the Contractors and nothing extra shall be payable to them by owner.
6. The Technical and other staff shall Co-operate and assist with Architects, Architects representative and Company's management to maintain all the records, measurement sheets, vouchers, bills, statements, ledgers, registers, statements under labour laws etc., connected with this contract will be required for routine audits. Further the owners or his representatives / Auditors / Inspectors shall have full rights to examine / inspect such records / measurements sheets / Bills / Vouchers and other accounts records etc in connection with the work, during the pendency and till defects liability period is over.
7. Further if suitable staff is not deployed by the Contractors appropriate deductions for each month of default shall be effected from the running bill of Contractors. The decision of Architects in this regard shall be final and binding on Contractors.

SECTION – XI**SECURITY ARRANGEMENTS AT SITE**

1. The Contractor shall make adequate provision of security arrangement by employing adequate Security personnel at site for all 24 hours in 3 shifts during the pendency of work to protect the work in progress, the stores cement and other building materials and owner's property. Suitably security checks and systems of gate pass shall be worked out in Consultation with Architects representative. Suitable registers for entry and exit of vehicles/lorries for materials shall be maintained at site and Architects representative shall have access to the same as and when demanded. No material from the site shall be allowed to be taken away from the site unless specific permission is obtained for the same from the Architect or his representative.
2. The list of Security Guards with their names and addresses (local & permanent) provided at site shall be submitted to the Architects representative. The roster of security guards shall be maintained in such a way that no person is allowed to work in a same shift for more than week's time. A statement in this respect shall be submitted to Architects representative every month in advance. The Contractor shall also observe the rules and regulations of the state in employing such security guards.
3. The Contractor shall suitably indemnify the Company in this regard for the above security arrangement nothing extra will be payable to Contractors, on account of providing such security arrangement at site.

SECTION- XII**ARTICLES OF AGREEMENT**

ARTICLES OF AGREEMENT made this _____th day of _____ Month of 2024

BETWEEN

National Horticultural Research and Development Foundation having Head office at *Bagwani Bhawan, Plot no. 47, Insititutional Area, Pankha Road, Janakpuri, New Delhi - 110058* (hereinafter referred to as "THE OWNER" which expression shall include its successors and assigns) of the ONE PART.

AND

M/S (Name of the Contractor or his firm) having registered office at (Address of the Contractor or his firm) (Hereinafter referred to as "THE CONTRACTOR" which expression shall include his heirs, Executors, Administrators and Assigners) of the OTHER PART.

WHEREAS-

The employer is desirous of construction of *Farmers' Training Hostel, at NHRDF, Chitegaon Phata, Nashik* (Name & Address of the Proposed Construction Work) (Hereinafter referred to as "THE WORK") and has prepared & / or caused to be prepared by and under the direction of its Architect *M/s Swapnil D.Nikam* (Name & Address of the Architect) (Hereinafter referred to as "THE ARCHITECT") Drawing, specifications and Schedule of Quantities indicating and describing the works to be executed.

The contractor has agreed to execute upon the subject to the conditions, instructions set forth herein ((Hereinafter referred to as "THE SAID CONDITIONS") the works shown upon the said drawings and / or described in the said specifications and included in the said schedule of quantities at the respective mentioned in the priced schedule of quantities.

The contractor has furnished to the Employer a fully priced signed copy of the Schedule of Quantities and agreed to execute and complete the works upon and subject to the conditions set forth herein and in the contract documents mentioned hereunder in accordance with the said Drawings, Specifications and Schedule of Quantities each of which has been signed by both parties hereto, at or for Contract Price as may be ascertained to be payable in terms of the Bill of Quantities and which sum is estimated to Rs. _____ (Rupees _____) (herein after referred to as "THE SAID CONTRACT PRICE")

The contractor has in terms of the Conditions of Contract deposited a sum of _____ Rs. _____ (Rupees _____) with the Architect / Employer as EMD for the due fulfillment and performance by the Contractor of this Agreement.

NOW IT IS HEREBY AGREED AS FOLLOWS-

1. In this Agreement words and expressions shall be have the same meanings as are respectively assigned to them in the General Conditions of Contract hereinafter referred to.
2. The following documents shall collectively constitute the “Contract Documents” and deemed to form, be read and construed as integral part of this Agreement viz :-
 - a. The Letter of Award by the Employer and Acceptance by the Contractor
 - b. The said Tender.
 - c. The General Conditions of Contract.
 - d. Special Conditions of Contract.
 - e. The specifications
 - f. The drawings and
 - g. The Bill of Quantities / Schedule of Works.
 - h. All such correspondence between the parties concerned upto the date of letter of Acceptance, as the parties may agree and attached hereto a Contract documents, in which event such documents shall also be initiated or signed on behalf of both parties when attached hereto. A list identifying such documents shall also be set out in or attached to the Conditions of contract.
3. In consideration of the payments to be made by the Employer from time to item, and in the manner set forth in the conditions of contract, the Contract shall upon and subject to the said conditions of contract execute and complete the works indicated in the said Drawings, Specifications and Schedule of Quantities and remedy the defects therein in conformity in all respect with the said conditions of the Contract.
4. The Employer shall pay the Contractor such sums as shall become due and payable hereunder from time to time and I the manner specified in the Conditions of contract. Such payments shall be subject to deduction of tax at source, if any, as per the Income-tax Act and Rules there under for the time being in force.
5. The terms “Architect” shall mean a person as shall be appointed to act as Architect, M/s. SWAPNIL D. NIKAM, for the purpose of this Agreement by the Employer from time to time, and notified to the Contractor in writing. Provided always that no person subsequently appointed to the Architect under this Agreement shall be entitled to disregard or overrule any previous decisions or approvals or directions given or expressed by the Architect for the time being.
6. The drawings, specifications and priced schedule of quantities above mentioned shall form the basis of this contract. It shall be accepted as an inseparable part of the Contract, that improper work, interpretation of contract drawings and specifications mode of procedure and carrying out the work, the decision of THE OWNER shall be final and binding on the Contractor and if any technical question which may arise touching the Contract, THE ARCHITECT’S decision shall be final and conclusive.
7. This is neither a fixed lumpsum contract nor a piece work contract, but is a Percentage Rate Contract to carry out the works. The said rates to be paid for at a fixed time and against actual measured quantities are provided in the Schedule of rates and Bill of Quantities or as provided in the Conditions of Contract till the date of completion given in the document or

**PROFORMA FOR GUARANTEE TO BE EXECUTED BY CONTRACTORS FOR
REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF WATER-
PROOFING WORKS**

This agreement made this _____ day of _____ 2024 between _____
(hereinafter called the Guarantor of the one part) and the _____.

Whereas this agreement is supplementary to contract (hereinafter called the contract) dated _____ and made between the Guarantor of the one part and the _____ of the other part whereby the Contractor interalia undertook to render the buildings and structure such roof of the buildings, overhead water tanks, underground tanks, lift pits, toilets etc. in the said contract recited completely water and leak proof.

AND WHEREAS THE GUARANTOR agree to give a guarantee to effect that the said structure will remain water and leak proof for ten years from the date of handing over of the building or completion date of contract whichever is later.

NOW THE GUARANTOR hereby guarantees that waterproofing treatment provided by him under the structure completely leak proof and the minimum life o such waterproofing treatment shall be ten years to be reckoned from the date of handing over of the building or completion date of contract whichever is later.

Provided that the Guarantor will not be responsible for leakage caused by earthquake or structural defects or misuse of roof or other structure or alteration and for such purpose.

- a) Misuse of roof shall mean any operation which will damage proofing testament, like chopping of firewood and things of the same nature which might cause damage to the roof.
- b) Alteration shall mean construction of an additional storey or a part of the roof or construction of adjoining to existing roof whereby proofing treatment is removed in parts;
- c) Damaging or puncturing of the waterproofing treatment provided to overhead tanks or basement or underground tank or lift pit, swimming pool, for providing any P.H. / Electric connections or any other reasons whatsoever.
- d) The decision of the Engineer-in-charge with regard to cause of leakage shall be final.

During this period of guarantee the guarantor shall make good all the defects and in case any defects found, render the building waterproof to the satisfaction of the Engineer-in-charge at the cost of the guarantor and shall commence the work for such rectification within seven days from the date of issue of the notice, from the Engineer-in-charge calling upon him to rectify the defects failing which the work shall be got done by the _____ by some other contractors at the GUARANTOR'S COST and risk. The decision of the Engineer-in-charge as to the cost payable by the Guarantor shall be final and binding.

That if the Guarantor fails to execute the waterproofing or commits breach of thereunder then the Guarantor will indemnify the Principal and his successors against all loss, damage, cost expense or otherwise which may be incurred by the _____ by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and / or cost incurred by the _____ the decision of the Engineer-in-charge will be final and binding on the parties.

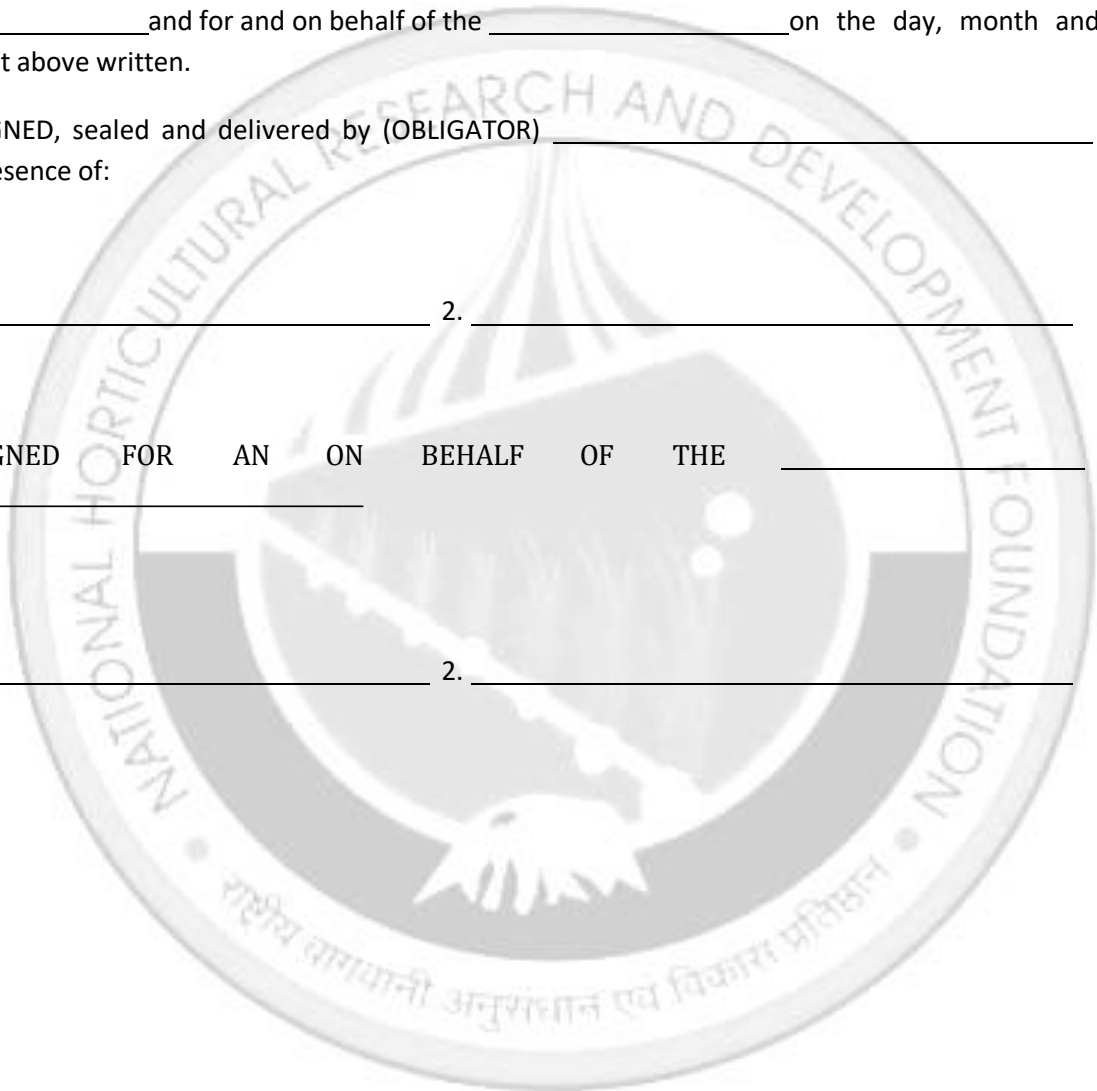
IN WITNESS WHEREOF these presents have been executed by the obligator _____ and by _____ and for and on behalf of the _____ on the day, month and year first above written.

SIGNED, sealed and delivered by (OBLIGATOR) _____ in the presence of:

1. _____ 2. _____

SIGNED FOR AN ON BEHALF OF THE _____ BY _____

1. _____ 2. _____



NO CLAIMS CERTIFICATE

This is to confirm that we have received from _____, an amount of ____ being the balance amount excluding the net payable retention amount lying with _____ during defects liability period, due and payable to us in Terms of the Contract for _____, of _____, under _____, and for all other work / services whatsoever rendered by us to _____, in full and final settlement of all out dues claims, etc. in respect of and arising out of the above said Contract, and for all other work / services whatsoever rendered by us to _____ under the above Contract.

We also declare that we have complied with all statutory obligations like Sales Tax, Works Contract Tax, Service Tax, Excise Duty, Charges, Salaries, Wages etc. and paid all dues to the treasury.

We further declare that with the payment of the above said amount nothing whatsoever is remaining payable to us except the net payable retention amount and we shall have no claim of any nature whatsoever on _____. Further, we shall indemnify and hold harmless _____ from and against any and all claims in this regard.

Dated this ----- day of -----

Yours faithfully,

For..... (Name of the Contractor / Contractor's firm)

Authorised Signatory



SPECIAL CONDITIONS OF CONTRACT

SPECIAL CONDITIONS OF CONTRACT

108. **GENERAL**

These Special Conditions shall be read in conjunction with the General Conditions of the Contract. Both are complementary to each other. However, where the provisions of these Special Conditions are at variance with the provisions of General Conditions of the Contract, the provisions of these special conditions shall take precedence.

109. **SITE PARTICULARS**

The intending bidders shall be deemed to have visited the site and familiarised themselves thoroughly with the site conditions before submitting their tender. Non-familiarity with the either for extra claims or for not carrying out work in strict conformity with drawings and specifications.

110. **SCOPE OF WORK**

The scope of work is defined in Technical specifications.

111. **MATERIALS TO BE SUPPLIED BY THE CONTRACTOR**

All materials including cement and steel, consumables, testing appliance, tools and tackles necessary completing the work shall be procured and supplied by the Contractor at his own cost.

112. **TIME SCHEDULE**

- 112.1. The work shall be executed strictly as per the time schedule given in Appendix – I which shall include the time required for mobilisation also.
- 112.2. A joint programme of execution of the work will be prepared by the Architects representatives/Contractor. The programme will take into account the time of completion mentioned in 5.1 above. The programme also shall include the working at nighttime without disturbing neighbouring residential and other locality.
- 112.3. Monthly/weekly construction targets will be drawn up by Contractor, in consultation with ARCHITECTS based on availability of work fronts and the joint construction programme as per 5.2 above. The Contractor shall scrupulously adhere to these targets and programme and shall deploy adequate personnel, construction equipment's and aids. He shall also supply himself all materials under his scope of supply in good time to achieve the targets/programmes. In all matters concerning the extents of targets set out in the weekly and monthly programmes/targets and the degree of achievement, the decision of the ARCHITECTS representative/ARCHITECTS will be final and binding of the Contractor.
- 112.4. Project Charts
- a. The Contractor shall submit Bar Chart/PERT- CPM Network chart showing planned schedule of work.

- b. Also against this the Contractor will have to show the approximate amount of billing including amount to be claimed as advance, every month and get the same approved from the ARCHITECTS/OWNERS and work as per this approved schedule or as per any latest revision approved by ARCHITECTS/OWNERS.
- c. The Contractor shall also prepare and submit a schedule showing cement and steel (reinforcement and structural) consumption planned for every month.
- d. The Contractor shall thence submit an updated PERT/CPM/Bar Chart and all other schedule as in (b) & (c) above submit it to ARCHITECTS/OWNERS, showing past performance to start of month and future planning so as to complete the said works in time schedule provided in Appendix 'I' of the said contract.

113. **EXECUTION OF WORK AND CONSTRUCTION EQUIPMENTS**

The Contractor shall be entirely responsible for executing the work covered under this tender in a Workman like an expedition manner as per time schedule, specifications, drawings and instructions of Architects representative / ARCHITECTS. All necessary construction aids and tools and tackles as well as testing appliance and the necessary supervisory personnel, skilled, semi skilled and unskilled labour shall be provided by the Contractor to achieve the monthly/weekly targets indicated in 5.2 above and the overall time schedule as per 5.1 above.

114. **DRAWINGS**

Drawings accompanying the tender documents are indicative of the work involved and issued for tendering purpose only. However, no extra claim whatsoever shall be entertained for any variation in the A.F.C. drawing (Approved for Construction) and tender drawing regarding any details etc. shown in the drawings. Detailed construction drawings on the basis of which actual execution of the work is to be preceded will be furnished to the Contractor progressively based on the detailed construction programme evolved after of the work and also based on construction progress achieved by the Contractor.

115. **ACCEPTANCE OF TENDER**

The Chief Executive Officer, NHRDF, reserves the right to award the work in parts between two or more agencies. The quoted rates shall held good for such as eventuality. Reference is also invited to clause 9 of General Conditions of Contract.

116. **GOODS AND SERVICE TAX**

The Contractor shall include in his quoted rates all taxes, GST, etc. It is specifically noted that the Contractor shall pay GST on purchases made by him for fulfilling his obligations undue this contract and this should be included in the quoted rates. The Contractor shall include GST or any such tax in his rate and no claim in this regard will be entertained.

117. **INCOME TAX**

Income Tax at the prevailing rate on the gross amount billed shall be deducted from the Contractors bills as per Section 194C applicable provisions of the Income Tax Act, 1961.

118. **INCOME TAX CLEARANCE CERTIFICATE (I.T.C.C.)**

Attested copy of the latest I.T.C.C. in the Preformat prescribed by the Government of India

should accompany the tender document. The I.T.C.C. should be in the name of the firm/individual who is quoting for the work.

119. **ALTERATIONS IN SPECIFICATIONS AND DESIGNS**

No alterations in specifications and designs will be allowed to the Contractor other than specified.

120. **SUBMISSION OF TENDER**

- 1.2. All covering letters and information to be included in the offer including proposal form shall be submitted.
- 1.3. The offer shall contain "ORIGINAL" copy of Tender Document and proposal Forms duly filled in as required.
- 1.4. Bidder are advised to submit quotation based strictly on the layout, design parameters, specific requirements, terms and conditions and specifications contained in the Tender Document and not stipulate any deviations, should it, however, become unavoidable, deviations should be stipulated in the prescribed Form-J of proposal Forms in THREE COPIES. Financial implications after adding the cost for such deviations will be determined by Owner/ ARCHITECTS/Project Co-ordinator.

121. **CONSTRUCTION POWER AND WATER SUPPLY**

In partial modifications to General Conditions of Contract the following shall apply: Contractor shall quote his rates for items of work, taking into account the fact he/they have to arrange for supply of water and power at their own cost.

122. **DOUBTS IN TENDER DOCUMENT**

If the contractor notices any doubt or discrepancy or obscurity with the meaning of any of the Tender Clause or Documents, the Bidder must address his inquiry in writing (in duplicate) to ARCHITECTS with a copy thereof to owners so as to reach them before the last date of submission of tender.

123. **DRAWINGS**

- a. The Architects will work all the necessary drawings except those stated under 17(b) below which have to be prepared by the Contractor and shall be deemed to have been included in the quotation.
- b. The architect will give to the Contractor free of charge two sets of all drawings necessary for the construction duly stamped "For Construction" or "For Execution" Additional prints can be obtained from ARCHITECTS against payment of actual costs.
- c. The Contractor is bound to review all drawings as to their correctness. By signing the contract he assumes full responsibility for the project and its construction accordingly liable in all respects for performance thereof.
- d. The drawings to be prepared by the Contractor are as follows: - All drawings for fabrication/shop drawings shuttering, aluminium fabrication walls, Bar Bending Schedule and Bar Bending Reinforcement Drawings shall be prepared by Contractor based on static calculations made by ARCHITECTS. All such drawings shall have to be approved by ARCHITECTS before the execution of work.

- e. Tenders containing absurdly high or absurdly low rates are liable to be rejected.
- f. The Contractor shall see to it that the work executed is strictly in accordance with the drawings and specifications. He shall be responsible for all errors at his own cost, falling which the Owner reserves the right to get the same rectified at the risk and cost of the Contractor.

124. **ORDER BOOK**

During the entire construction period, the Contractor shall maintain at site an Order Book in quadruplicate. All instructions, observations, decisions, explanations notes during the inspections shall be entered in this book by the ARCHITECTS or Owners. All entries shall be signed and dated by the ARCHITECTS Owners representative and by the Contractor's representative at site, a copy of which shall be furnished to all concerned.

125. **STONE**

125.1. STONE BLASTING

The Contractor shall make his own arrangements for purchase and storing of gun powder or any other blasting materials required for blasting granite in foundations. No construction work shall be permitted unless all the blasting work is completed. The Contractor should adhere to all the prevailing rules and regulations under the Explosive Act and should rigidly follow the same and indemnify the Owner from any losses whatsoever arising out of his handling of the explosive material.

125.2. STONE AT SITE

Stone procured during blasting work of foundation shall be utilised by the Contractor if instructed by the ARCHITECTS. Recovery for which will be made at appropriate market rate as decided by the Architect. This rate shall be binding to the contractor.

126. **PROGRESS PHOTOGRAPHS**

The Contractor at his own cost and responsibility should submit to the Architect monthly four photographs (Cabinet size) taken from different viewpoints of the construction work or completed as the case may be.

127. **INDEMNITY AND INSURANCE**

127.1. The Contractor agrees to indemnify and keep indemnified the Owners against all losses and claims for injuries or damage to any persons or any property whatsoever which may arise out of or in consequence of the construction and maintenance of the works and against all claims, damage, proceeding, damages, costs, charges and expenses whatsoever in respect of or in relation thereto.

127.2. The Contractor shall obtain, at his expense an insurance policy in the joint names of the Owners and the Contractor covering the following risks and lodge the policy with the Corporation: -

- a. Works including temporary structures, materials, tools etc. on the site against all risks like damage by fire, burglary, thefts, strikes, riots and civil commotion and

natural calamities like floods, storm, earthquake, cyclone, collapse due to any reasons and explosion etc.

- b. The workmen employed by the Contractor against workmen compensation Act and other statutory laws where compensation is payable by the Contractor.
- c. Damages to property of third parties including neighboring buildings etc. Damages to third parties including the Owner's staff, visitors, neighbors and other passersby against any claim that may arise due to accidents on account of the incidental risks, which may occur during the execution of work.
- d. The Contractor shall keep the policy renewed from time to time until the Certificate of completion is issued by the ARCHITECTS. If at any time the policy so obtained and kept with the Owners expires, it shall be lawful for the ARCHITECTS to stop further payments until the duly renewed policy is lodged with the Owners.

127.3. The Contractor is notified that wherever there is an existing office working within the boundary of the site, the Contractor shall at his own cost ensure the following as per the discretion of and to the entire satisfaction of the Architects and / or owner.

- a. Covered access to the existing office so as to ensure smooth and safe movement of staff working in temporary exchange.
- b. The existing office will be cordoned off by provision of a temporary fencing to prevent the trespassing of Contractors staff/labour etc.
- c. Any such facility which in the opinion of owner be necessary to ensure free, safe and smooth movement of people visiting the said office.
- d. The Contractor shall be deemed to have considered the cost of these facilities in his rates and no payment / claim in this regard will be entertained.

127.4. The Contractor should submit a tentative programme of working within seven days of the date of start of work. The Contractor will have to work as per programme of the owners. No claim whatsoever will be entertained on this account.

127.5. Unless otherwise provided in the schedule of quantity, the rates tendered by the Contractor shall be all inclusive and shall apply to all heights lifts and leads and depths of the building and nothing extra shall be payable, to him on this account.

127.6. The structural and architectural drawings shall at all times be properly correlated before executing any work. However, in case of any discrepancy in the item given in the Schedule of quantities appended with the tender and Architectural drawings relating to the relevant item, the former shall prevail unless and otherwise given in writing by the ARCHITECTS.

127.7. The Contractor shall be required to produce samples of all building materials and fittings sufficiently in advance to obtain approval of the ARCHITECTS.

127.8. No payment shall be made to the Contractors for any damage caused by rain, snow fall,

floods or any other natural cause whatsoever during the execution of work. The damage to work will be made good by the Contractor at his own cost and no claim on this account shall be entertained.

127.9. Other agencies will also simultaneously execute the works, like electrification, horticulture or external services and other building works for the same project along with this work in particular. The Contractor shall afford necessary facilities for the same. No claim in the matter shall be entertained.

127.10. Some restrictions may be imposed by the security staff etc. on the working and / or movement of labour, materials etc., the Contractor shall be bound to follow all such restrictions/ instructions and nothing extra shall be payable on this account.

128. **LOCAL RULES & REGULATIONS**

128.1. The building work will be carried out in the manner complying in all respects with the requirements of relevant bylaws of the local body under the jurisdiction, of which the work is to be executed or as directed by the Architects and nothing extra will be paid on this account.

- a. The work of water supply, internal sanitary installations and drainage work etc. shall be carried out as per local Municipal Company or such local body Bye-Laws and the Contractor shall produce necessary completion certificate from such authorities after completion of the work.
- b. Water tanks, taps, fittings and accessories should conform to bye-laws and specifications of the municipal body/Company. The Contractor should engage licensed plumbers for the work and get the materials (fixtures / fittings) tested by the Municipal body / company authorities, wherever required, at his own cost. The work shall be carried out according to Municipal bylaws and statutory requirements.
- c. The Contractor shall comply with proper and legal orders a direction, of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charges, which he may be liable.
- d. The sanitary water supply and drainage pipes and fittings and other materials shall be of approved quality and shall conform to the relevant C.P.W.D. specifications for works. The work shall be carried out without infringing on any of the local municipal Bye-Laws.

128.2. The Contractor shall take all precautions to avoid all accidents by exhibiting necessary caution boards day and night, speed limit boards, red flags, red lights and providing barriers. He shall be responsible for all dangers and accidents caused due to negligence on his part. No hindrance shall be caused to traffic during the execution of work.

128.3. The Contractor shall give a performance test of the entire installation(s) as per standard specifications before the work is finally accepted and nothing extra whatsoever shall be

payable to the Contractor for the test.

128.4. Cement bags shall be stored in separate godowns to be constructed by Contractor at his own cost with weather proof roofs and walls. Each godown shall be provided with a single door with lock. The keys of the lock shall remain with the authorised agent of the Contractor at the site of work. The cement shall be removed from the godown according to the daily requirement with the knowledge of both the parties and the accounts for the same shall be maintained.

128.5. The Contractor shall bear all incidental charges for cartage, storage, and safe custody of materials against damage due to sun, rain, dampness, fire, theft etc. He shall also employ necessary watch and ward establishment for these purposes at his own cost. Nothing shall be paid to the Contractor on this account.

128.6. The standard sectional weights referred to as standard be considered for conversion of length of various sizes of TOR steel bars and for steel bars into weight are as under:

Size (Diameter in mm)	Weight Kg/M.
6	0.222
8	0.395
10	0.617
12	0.888
16	1.579
18	1.999
20	2.467
22	2.985
25	3.885
32	6.316
50	15.490

128.7. Any cement slurry added over base surface (or) for continuation of concreting for better bond is deemed to have been in built in the items (unless otherwise explicitly stated) and nothing extra shall be payable (or) extra cement considered in consumption of this account.

FOLLOWING SAFETY CLAUSES SHALL BE STRICTLY ADHERED TO –

128.8. **SITE SAFETY OFFICER**

From start to finish of the Project, the Contractor's Site In-charge shall depute a qualified Site Safety Officer at Site. The Site Safety Officer will be responsible for all the Safety aspects at Site. The Site Safety Officer will co-ordinate with Safety & Environment Department (CORP/OSE) and shall follow safety protocols / instructions as directed by CORP/ OSE periodically.

128.9. **LAYOUT FOR STORAGE OF MATERIALS & EQUIPMENT**

After site mobilisation activity, and before start of the project work, the Contractor will prepare the layout for storage of various materials and equipment and get it approved from Project In-charge & Owner's Safety department.

128.10. ELECTRICAL SAFETY

The contractor shall ensure that the persons carrying out the electrical work are trained & possess the requisite knowledge. All Electrical Power Supply shall be through ELCB (30 m.A leakage current). All machines, power tools shall be protected with concerned standard safety appliances. The contractor shall ensure that only sheathed / armored cables are being used at site. These cables should be laid on the poles and should not be trailing on the ground.

128.11. PERSONAL PROTECTIVE EQUIPMENT [PPE]

The contractor shall use of good quality standard Personal Protective Equipment [PPE] like Safety Shoes, Safety helmet, Safety belt, Safety Goggles etc. by all concerned.

128.12. WORK AT HEIGHT

The contractor shall ensure that necessary precautions are taken care of while employing people to work at height. Women Contract workers should not be allowed to work at height.

129. TESTING OF MATERIALS

- a. Samples of various materials required for testing shall be provided free of charge by the Contractor. Testing charges if any shall be borne by the Contractor. All over expenditure required to be incurred for taking the samples, conveyance, packing etc. shall be borne by the Contractor himself.
- b. In case there is any discrepancy in frequency of testing as given in list of mandatory tests and that in individual sub-heads of work as per C.P.W.D. Specifications the higher of the two frequencies of testing shall be followed, and nothing extra shall be payable to the Contractor on this account.
- c. The Contractor shall be responsible to arrange at his own cost all necessary tool and plants required for execution of the work.
- d. The Contractor shall provide at his own cost suitable weighing and measuring arrangements at site for checking the weight/dimensions as may be necessary for execution of the work.
- e. Rate for all items in which use of cement is involved is inclusive of charges for curing.
- f. Foundation trenches shall be kept free from water while all the works at ground level are in progress.
- g. Royalty at the prevalent rates whenever payable shall have to be paid by the Contractor on the boulders meter shingle, sand and bajri etc. or any other materials collected by him for the work direct to the revenue authority of the District / State Government concerned.
- h. The rates for all items of work, shall unless clearly specified otherwise include cost of all

labour, material and other inputs like curing involved in the execution of the item.

- i. For the purpose of recording measurement for preparing Running Account Bills, the abbreviated nomenclature indicated in the publication "Abbreviated nomenclature of items of SSR (Bilingual)" of PWD shall be adopted. The abbreviated nomenclature shall be taken to cover all the materials and operations as per the complete nomenclature of the relevant items in the agreement and other relevant specifications.
- j. In case of items for which abbreviated nomenclature is not available in the above cited publication and also in case of Extra and substituted items of work for which abbreviated nomenclature is not provided in the agreement the full nomenclature of item, shall be reproduced in the measurement books and all forms for running account bills.
- k. Tendered rates are inclusive of all taxes and levies payable under the respective statutes. However, if any further tax or levy is imposed by statute, after the date of receipt of tenders and the Contractor thereupon necessarily and properly pays such taxes/levies, the Contractor shall be reimbursed the amount so paid, provided such payment, if any, is not in the opinion of Architects (whose decision shall be final and binding) attributable to delay in execution of work within the control of Contractor.
- l. The Contractor shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorised representative of owners and further shall furnish such other information / document to Architects as may be required.
- m. The Contractor shall within a period of 30 days of imposition of any further tax or levy in pursuant to the constitution of (45th Amendment) Act, 1982 given a written notice thereof to the Architects that the same is given pursuant to this condition together with all necessary information relating thereto.
- n. Any terms and conditions stated overleaf of the purchase or other documents issued by owners, if are contradictory or at variance with any of the terms and conditions stipulated in the tender documents then the terms and conditions mentioned in the tender documents alone shall prevail.



PARTICULAR SPECIFICATIONS

PARTICULAR SPECIFICATIONS

130. GENERAL

130.1. These particular specifications shall be read in conjunctions with the description of the item of work in the Bill (s) of Quantities, the special conditions, the P.W.D. specifications of Public Works Dept. *Govt. of Maharashtra, Mumbai*, specifications the latest Bureau of Indian Standard Codes and the drawings. All the above quoted documents shall be considered supplementary to each other; however, in the case of conflict amongst the various provisions the following order of precedence shall be adopted.

- a. In the case of conflict amongst the provisions of specification:
 - i. Provision in the particular specification
 - ii. Provision in the Special conditions.
 - iii. Provisions in the P.W.D. Specifications.
 - iv. Provisions in the Bureau of Indian Standard Codes.
- b. In the case of conflict amongst the bill (s) of quantities, specifications and drawings, order of precedence shall be :
 - i. Provisions in the bill of quantities.
 - ii. Provisions in the specifications.
 - iii. Provisions in the detailed drawings.
 - iv. Provisions in the general drawings.

130.2. In the case of conflict amongst the various drawings, the decision of the ARCHITECTS shall be final and binding.

130.3. If specifications for any item of work are not covered by any of the documents mentioned in Para 1.1 above, the same shall be decided and conveyed by the Architects representative/ ARCHITECTS to the Contractor and shall be binding upon him/them.

131. SAMPLES

Samples of all the material including supplied by the owner and workmanship proposed to be employed in the execution of the work, shall be got approved form the Architects representative/ ARCHITECTS in writing. The Engineer / ARCHITECTS or his representatives will reject all materials or workmanship not corresponding in quality or character with the approved samples. All expenses in this connection shall be borne by the Contractor.

132. TESTING OF MATERIALS

132.1. When required by the Architects representative / ARCHITECTS Contractor shall provide all facilities at site or at manufacturer's works or in an approved laboratory for testing of Materials and / or workmanship. All the expenditure in respect of this shall be borne by the Contractor unless specified otherwise in the contract. The Contractor shall, when required to do so by the Owner / ARCHITECTS submit at his own cost, manufacture's certificate of tests, proof sheets, mill sheets etc. showing the materials have been tested in accordance with requirements of this specifications.

132.2. Neither the omission by the Architects representative / ARCHITECTS to test the materials not the production of manufacturer's certificate etc. as aforesaid, shall effect the right of the

Architects representative / ARCHITECTS to reject, after delivery the materials found unsuitable or not in accordance with the specification.

133. **CURING**

Wherever cement is used the rate for that item of work shall be deemed to include for proper curing of the cement work.

134. **BENCH MARKS**

Masonry pillars will be erected at suitable points in the area to serve as Bench Marks. These Bench Marks shall be connected with permanent benchmark approved by the Architects representative. These Bench Marks shall be maintained during the execution of the work. When required the Contractor shall arrange for necessary equipment and labour for checking levels, orientation etc.

Whenever in doubt, the instructions / decisions of the Architect's representative / ARCHITECTS shall be final and binding to the contractor.

135. **PLASTER WORK**

135.1. Plasterwork shall be executed as provided for in the PWD specifications subject to the following provisions. : Plastered recessed grooves shall be provided at the junctions of wall & beams / & slabs. The rate for plastering as quoted by the Contractor shall be deemed to be inclusive of the element for grooves. The rate shall also include cost of drip course, moldings etc. wherever required.

135.2. *'I. S.' Specifications For Works In Respect Of Civil/ Public Health Works Which Will Be Generally Followed For Execution Of Works As Mentioned In Para 1 Of The Particular Specification Subhead Have Not Been Attached With These Documents, But They Form The Part Of This Tender. These Are Kept In The Office Of Architects, M/S. Swapnil D. Nikam, Lalit App. Falt No-5*

,Near Nilesh Super Market, Chandak Circle, Tidke Colony, Nashik.. Bidders Must Inspect And Read Carefully Before Submitting Their Quotation. It Shall Be Taken That The Specifications Have Been Fully Read And Understood By The Bidders, Irrespective Of The Fact Whether They Have So Done Or Not, And No Claim On This Account Shall Be Entertained At A Later Date.

135.3. Cement shall be ordinary portland cement unless otherwise specified, of the makes specified in the list of approved materials.

135.4. The building work will be carried out in the manner complying in all respects with the requirements of relevant byelaws of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-charge and nothing extra will be paid on this account.

135.5. The work of water supply, internal sanitary installation and drainage work etc. shall be carried out as per local Municipal Corporation or such local bodies byelaws.

I accept the above

SIGNATURE OF BIDDER

With Rubber Stamp



TECHNICAL SPECIFICATIONS

136. **GENERAL**

137. **SCOPE OF WORK**

The following items of work are included under the scope of this tender -

1. All the Civil & structural work in Foundation, Substructure and superstructure work at above said work
2. Internal & External Plastering
3. Doors & Windows
4. Internal Flooring
5. Internal & External Plumbing & Sanitation works
6. Construction of RC septic tank of required capacity.
7. Any other works required for the completion of the project.

While the above details define the broad scope of work for mere guidance only, the actual work is described in the Drawings, Specifications and Bill of Quantities. The work also includes all allied details of construction which are obviously and fairly intended and which may not have been referred to in this document but which are essential for the entire completion of the work.

138. **DRAWINGS**

Drawings appended with the tender are intended to give a fair idea of the scope of work involved and shall form part of the Contract. Further drawings that the Engineer may issue to the Contractor from time to time during the currency of the Contract shall also form a part of the Contract.

139. **EXCLUSIONS**

The following items of work are not included under the scope of this tender -

1. Allied services work (internal/External) Electrical, HVAC, Firefighting etc.
2. Landscaping
3. Interior work

140. **SITE DETAILS**

140.1. **LOCATION:-**

The proposed site is located on at *NHRDF, Nashik – Aurangabad State Highway, Chitegaon Phata, Teh. Niphad, Distt.Nashik (Maharashtra)*

140.2. **CLIMATIC CONDITIONS:-**

Climatically the area represents the typical Inland conditions.

The corresponding hottest and coolest months are March to June and December to February respectively.

June to September are generally the monsoon months with rainfall of around (Rainfall **in MM**) mm.

140.3. **LEVELS**

The plot of land is generally sloping from to (**Directions of Slope**), with a

level difference within the plot area is about (Height Difference) m. The Contractor shall establish permanent bench mark/s at suitable location/s at site and the same shall be kept intact and undisturbed till the completion of the works. All references should be based on the said bench mark/s only.

140.4. **STRATA CONDITIONS**

(Approximate Details of the Strata to be given here)

If the Contractor desires he may ascertain the same by taking the trial pit. / trial bores at his own cost.

140.5. **ACCURACY OF SITE INFORMATION NOT GUARANTEED**

Site details and sub-soil information indicated above and elsewhere in the tender document are given in good faith for mere guidance only. Their accuracy, however, is not guaranteed and no claim whatsoever shall be entertained due to any error in the information.

140.6. **SITE FACILITIES**

The Bidder's special attention is invited to 'Special Conditions of Contract' where details regarding access roads, water supply, electric supply etc. are indicated.

141. **APPROVED MAKES**

Following are the approved makes i.e. brands of construction materials required to be used in proposed construction work.

Sr. No	Construction Material	Approved Vendor or Approved Make or Approved Brand
01	Cement	UltraTech, Ambuja, ACC, Birla A1
02	Reinforcement Steel	TISCO, SAIL, Rajuri, POLAD
03	Chemical Admixtures	McBaucheimie, Sikha, Pidilite, Foscrock, BASF
04	Aluminium Section	Jindal, Hindalco, Indal
05	Flooring Tiles & Wall Tiles	Johnson, RAK, City, Kajaria, Nitco
06	Glass	Modi, Saint Gobain,
07	Gypsum Board	Gypsum India
08	Mortice Lock & Latch, Hardware fittings	Godrej, Harrison, Europa
09	CPVC & UPVC Pipe Fittings	Astral, Ajay, Ashirwad, Supreme, Paras
10	Plumbing Fittings	Jaguar, Plumber, Hindware
11	Sanitary Ware	Parryware, Hindware, Jaguar, CERA
12	MS Pipe	TATA, Apollo
13	SWR Pipes	Prince, Astral, Supreme, Paras
14	GI Pipes	Praksh, Surya
15	Gun Metal Valves	Kirloskar, Lear Engg., Kilburn
16	Flush Valves	Jaguar, Plumber, Hindware
17	Cisterns	Parryware, Hindware, Jaguar, CERA
18	Acrylic Plastic Emulsion Paint	Asian Paint, Berger Paint, Nerloac
19	Cement Paint	Apex, Snowcem
20	GI Sheets	Powder Coated TATA

If the Contractor would like use any other material than Approved above, he shall have to take prior written permission of the Architect.



FORM A – SCHEDULE OF RATES

NAME OF WORK: Proposed Farmers Hostel Building for NHRDF, At-Chitegaon Phata, Nashik

NAME OF BIDDER: _____

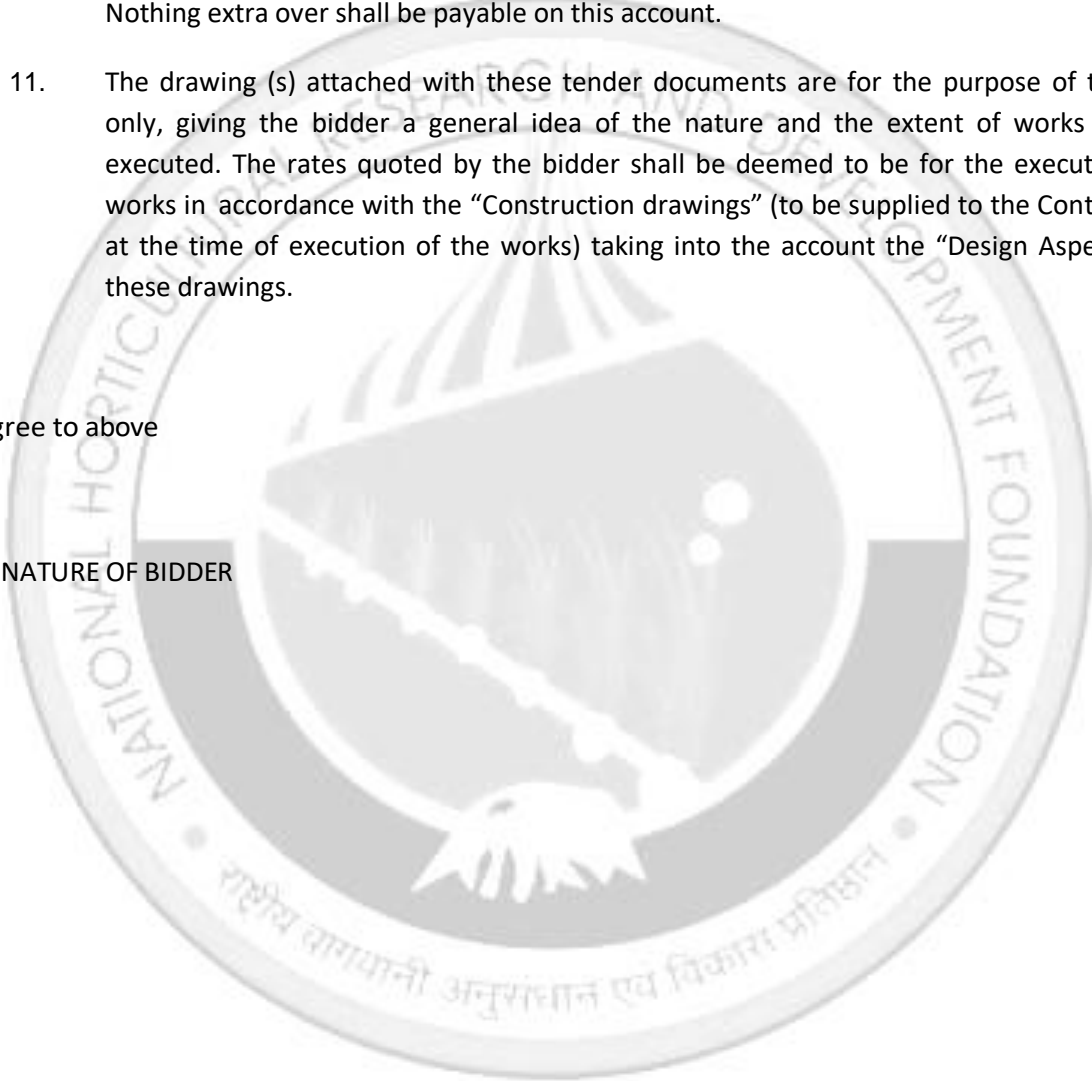
1. The Schedule of rates should be read in conjunction with all the other sections of the tender.
2. The bidder shall be deemed to have studied the specifications, drawing and the details of work to be done within the time schedule attached and to have assessed the extent of work to be done and also to have acquainted himself of the conditions prevailing at the site.
3. The quantities shown against the items of work are only approximate and may vary to any extent subject to relevant clause of General Conditions of Contract.
4. The work shall be measured on completion and paid for at the accepted rates.
5. The item of work mentioned in the Schedule of Rates and covered by this contract shall be carried out as per the specifications, drawing and directions of the Architects representative/ARCHITECTS and shall be include all labour, materials, tools etc., required to complete the job, in all respects.
6. The rates inserted in the bills of quantities are to be for the full inclusive value of the work described under the several items, including all costs and expenses which may be required in and for the construction and full protection on the work described, together with all general risks, liabilities and obligations set forth or implied in the documents and on which are tender is based. The quoted rates will be for all heights, lifts and leads unless otherwise mentioned specifically in the description of item.
7. General directions and descriptions of work and materials given elsewhere in the contract documents are not necessarily repeated in the Bills. Reference is to be made to the other documents for the full information.
8. The Contractor will be deemed to have visited the site before quoting for the tender and to have examined for himself the conditions under which the work will be carried out including local conditions effecting labour and to have studied the items of the Bills of Quantities, the drawings and specifications clauses relating to them and to have satisfied himself that the rates quoted by him provide for all minor accessories and contingent works or services necessary for the works described even though they are not precisely defined.
9. Part of this contract, then the Contractor being called upon Bidder is advised to read

items of works carefully and quote the rates accordingly, however, if he quotes different rates for the same items of work under different schedules of items, the lowest rates quoted shall be made applicable to all the Bills of Quantities and the contract sum corrected accordingly.

10. Where an item of work not mentioned in a particular Bill of Quantities, is required to be executed and where the rate for such an item of work is quoted under a different Bill of Quantities forming shall execute the work and shall be paid at the rate so quoted Nothing extra over shall be payable on this account.
11. The drawing (s) attached with these tender documents are for the purpose of tender only, giving the bidder a general idea of the nature and the extent of works to be executed. The rates quoted by the bidder shall be deemed to be for the execution of works in accordance with the "Construction drawings" (to be supplied to the Contractor at the time of execution of the works) taking into the account the "Design Aspect" of these drawings.

I agree to above

SIGNATURE OF BIDDER



FORM B – SCHEDULE OF DAILY SKILLED / UNSKILLED LABOUR RATES

NAME OF WORK: Proposed Farmers Hostel Building For NHRDF, At-Chitegaon Phata,Nashik

NAME OF BIDDER: _____

The Contractor shall quote rates, which should be inclusive of pay roll cost and allowances, taxes, fringe benefits, overhead supervision and profits for categories listed below on hourly basis to be employed for execution of works. These rates may be utilised entirely at the discretion of the Architects representative for computing rates for extra items in accordance with the provisions in the general conditions of contract.

The rates at 'A' below shall be inclusive of hand tools, Contractor supervision, overheads and profits. The rates at 'B' below shall be inclusive of hand tools, and all equipment's and machinery (but excluding cranes, tractors, trailers, trucks) and consumables, Contractor's, supervision, overheads made on prorata basis.

Sr. No.	Description of Categories	Standard Time Rate per day	Over Time Rate per day
1	Mason I Class		
2	Mason II Class		
3	Carpenter Class I		
4	Carpenter Class II		
5	Painter Class I		
6	Painter Class II		
7	Fitter Class I		
8	Fitter Class II		
9	Plumber Class I		
10	Plumber Class II		
11	Labour Class I		
12	Labour Class II		
13	Bhishti		

(Contractor to add other categories as required by the projects)

SIGNATURE OF BIDDER

**FORM C – CONCURRENT COMMITMENTS (i.e. WORK IN HAND) OF THE
BIDDER**

NAME OF WORK: Proposed Farmers Hostel Building For NHRDF ,At-Chitegaon Phata,Nashik

NAME OF BIDDER: _____

Details of the Works of Similar Type and Magnitude of the work carried out by the Bidder

Sr. No	Full postal address of client & Name of Officer-in-charge	Description of work	Value of Contract	Date of Commencement of work	Scheduled Completion period	% age completion	Expected date of completion	Remarks if any
1	2	3	4	5	6	7	8	9

SIGNATURE OF BIDDER

In case if space is insufficient the bidder may attach additional sheets with clear indication.

FORM D – DETAILS OF EQUIPMENTS

NAME OF WORK: Proposed Farmers Hostel Building for NHRDF, At-Chitegaon Phata, Nashik

NAME OF BIDDER: _____

Bidder shall submit herein details of equipments, tools, tackles, etc. required to perform the work and shall note in each case whether the same is (a) already owned by bidder and available for use on this contract: (b) anticipated to be hired by Contractor or (c) anticipated to be purchased by Contractor. In case of (a) present location shall be stated. In case of (b) and (c) location of Hirer or supplier shall be stated.

No. of Items	Name of Equipment	Description: Make, Model & Capacity	Year of Manufacture	Category (a) or (b) or (c) as above	Location	Hourly Rental Rates for Extra Works	Remarks
1	2	3	4	5	6	7	8

Hourly rental Rates include fuel, lubricants, spare parts and service, maintenance, labour, applicable, overhead and profits, etc.

1. Column 6 to be used in case of determination of extra items rates.
2. Contractor agrees to augment the above chart with additional number/categories of equipment, indicating hourly rental rates for extra works, if required to complete the work within the agreed time schedule of completion, as directed by the Architect.

SIGNATURE OF BIDDER

In case if space is insufficient the bidder may attach additional sheets with clear indication.

FORM E – PROPOSED SITE ORGANISATION

NAME OF WORK: Proposed Farmers Hostel Building For NHRDF, At-Chitegaon Phata,Nashik

NAME OF BIDDER: _____

The bidder is to indicate here the proposed site organization he proposes to set up for execution of the work. It is understood that this will be augmented from time to time depending on the requirements for timely completion of work, as directed by Architects representative.

SIGNATURE OF BIDDER

In case if space is insufficient the bidder may attach additional sheets with clear indication.



FORM F – BIO-DATA OF SITE-IN-CHARGE & KEY PERSONNEL

NAME OF WORK: Proposed Farmers Hostel Building For NHRDF, At-Chitegaon Phata,Nashik

NAME OF BIDDER: _____

SIGNATURE OF BIDDER

In case if space is insufficient the bidder may attach additional sheets with clear indication.



FORM G – INFORMATION ABOUT BIDDER

NAME OF WORK: Proposed Farmers Hostel Building For NHRDF ,At-Chitegaon PhataNashik

NAME OF BIDDER: _____

A. IN CASE OF INDIVIDUAL

- a. Name of Business
- b. Whether his business is registered
- c. Date of commencement of Business
- d. Whether he pays Income Tax over Rs. 1,00,000/-Per year
- e. Latest Income Tax Clearance Certificate.

B. IN CASE OF PARTNERSHIP

- a. Name of partners
- b. Whether the partnership of firm
- c. Date of establishment of firm
- d. If each of the partners of the firm pays Income tax over Rs /- a year and if not, which of them pays the same.
- e. Latest Income Tax Clearance Certificate.

C. IN CASE OF LIMITED LIABILITY COMPANY OR COMPANY LIMITED BY GUARANTEES

- a. Amount of paid up Capital
- b. Name of Directors
- c. Date of Registration of Company
- d. Copies of the Balance Sheet of the Company of the last two years.
- e. Latest Income Tax Clearance Certificate.

SIGNATURE OF BIDDER

In case if space is insufficient the bidder may attach additional sheets with clear indication.

FORM H – LIST OF ENCLOSURES

NAME OF WORK: Proposed Farmers Hostel Building for NHRDF, At-Chitegaon Phata, Nashik

NAME OF BIDDER: _____

The bidder is required to enclose the following documents as part of his tender.

1. Power of Attorney of the signatory of the Tender.
2. Income-tax Clearance Certificate in the Proforma prescribed by the Govt. of India.
3. Solvency Certificate from Nationalised /Scheduled Bank covering the contract value.
4. Details of Employees Provident Fund and Employees State Insurance registration.
5. Details of GST Registration.
6. Details of Income Tax Permanent Account Number (PAN No.)

SIGNATURE OF BIDDER

In case if space is insufficient the bidder may attach additional sheets with clear indication.

FORM I – EXCEPTIONS AND DEVIATIONS

NAME OF WORK: Proposed Farmers Hostel Building for NHRDF, At-Chitegaon Phata,Nashik

NAME OF BIDDER: _____

As pointed out in the Letter Inviting Tender, bidder may stipulate here exceptions and deviations to the tender conditions, if considered unavoidable

Sr. No.	Page No. of Tender Document	Clause No. of Tender Document	Subject	Deviation

SIGNATURE OF BIDDER

In case if the space is insufficient the bidder may attach additional sheets with clear indication.

**FORM J – LIST OF ARBITRATION / DISPUTES - LIST OF DISPUTES/ LITIGATIONS
/ARBITRATIONS**

NAME OF WORK: Proposed Farmers Hostel Building for NHRDF, At-Chitegaon Phata,Nashik

NAME OF BIDDER: _____

LIST OF DISPUTES/LITIGATIONS/ARBITRATIONS

The bidder shall give herein below the details of disputes/litigations/Arbitrations in the works executed in last 5 years in the following Proforma:

Sr. No .	Year of Work	Name of Client	Nature of Dispute in brief	Name of Arbitrator	Money / Amount Involved	Status & Details thereof

SIGNATURE OF BIDDER

In case if space is insufficient the bidder may attach additional sheets with clear indication.

FORM K – QUALITY ASSURANCE PLAN

NAME OF WORK: Proposed Farmers Hostel Building for NHRDF, At-Chitegaon Phata, Nashik

NAME OF BIDDER: _____

(The bidder shall describe in details a various measures for each item of work to insure desire Quality)

SIGNATURE OF BIDDER

In case if space is insufficient the bidder may attach additional sheets with clear indication.



FORM L – HOUSEKEEPING

NAME OF WORK: Proposed Farmers Hostel Building for NHRDF, At-Chitegaon Phata, Nashik

NAME OF BIDDER: _____

(The bidder shall describe in details a various measures for maintaining Housekeeping in a manner suiting best standards in terms of Daily schedule, by alternate daily, weekly schedule, fortnightly schedule and monthly schedule)

SIGNATURE OF BIDDER

In case if space is insufficient the bidder may attach additional sheets with clear indication.



FORM M – MATERIAL PROCUREMENT PLAN

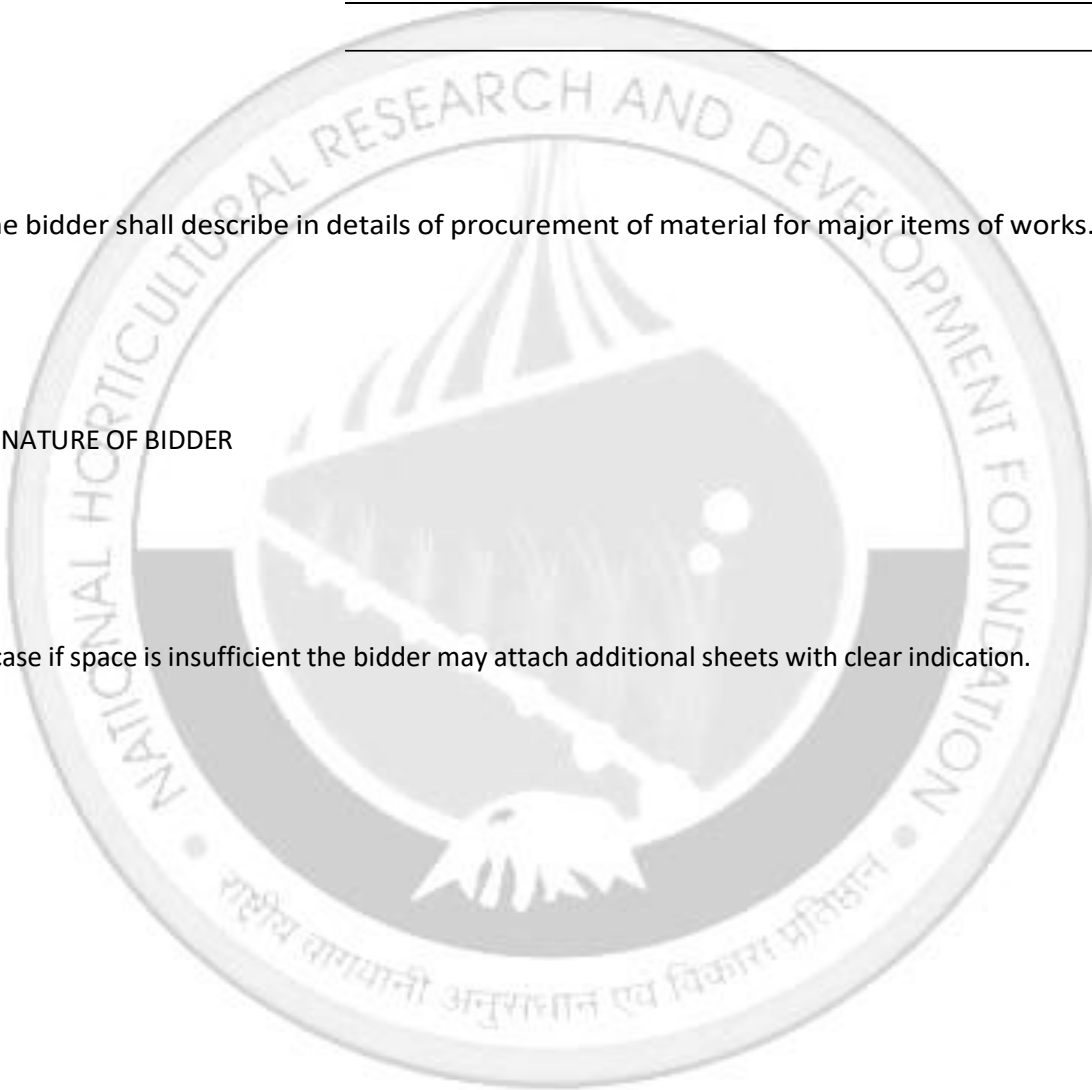
NAME OF WORK: Proposed Farmers Hostel Building for NHRDF, At-Chitegaon Phata, Nashik

NAME OF BIDDER: _____

(The bidder shall describe in details of procurement of material for major items of works.)

SIGNATURE OF BIDDER

In case if space is insufficient the bidder may attach additional sheets with clear indication.



**FORM N – LIST OF EQUIPMENTS TO BE DEPLOYED DURING THE PROGRESS OF
THE WORK**

NAME OF WORK:

Proposed Farmers Hostel Building For NHRDF, At-Chitegaon Phata ,Nashik

NAME OF BIDDER: _____

Sr. No.	Name of Equipment	Capacity	Make	Nos.	Remarks

SIGNATURE OF BIDDER

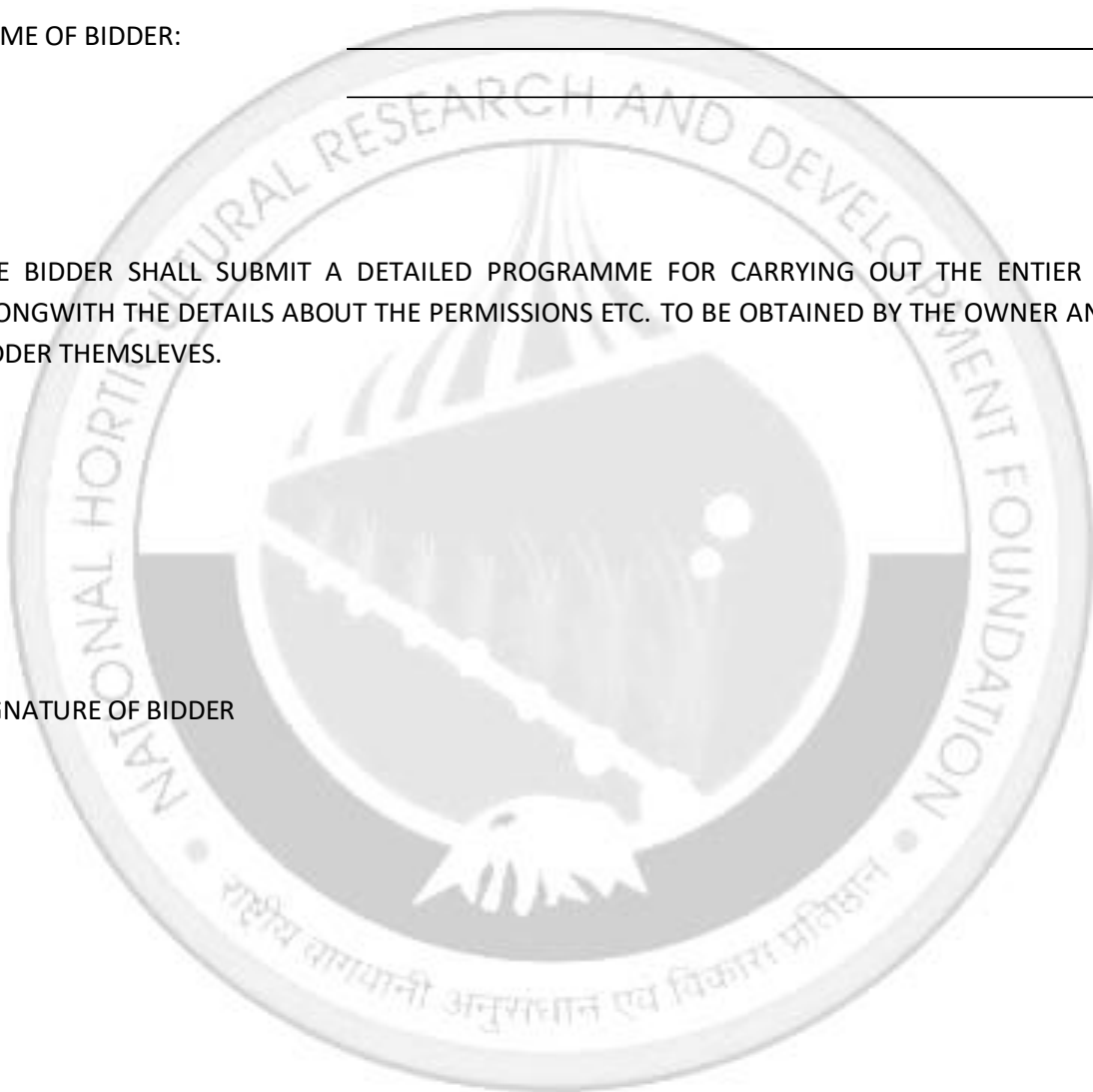
FORM O – DETAIL WORK PROGRAMME

NAME OF WORK: Proposed Farmers Hostel Building For NHRDF, At-Chitegaon Phata ,Nashik

NAME OF BIDDER: _____

THE BIDDER SHALL SUBMIT A DETAILED PROGRAMME FOR CARRYING OUT THE ENTIER WORK ALONGWITH THE DETAILS ABOUT THE PERMISSIONS ETC. TO BE OBTAINED BY THE OWNER AND THE BIDDER THEMSELVES.

SIGNATURE OF BIDDER



APPENDIX TO CONDITONS OF CONTRACT

Earnest Money Deposit:	Rs...../- (Rupees Only) by D.D. in favour of “.....” Payable at NASHIK along with the tender
Retention amount	As stipulated in clause 19
Defects Liability Period:	15 months from date of issue of final completion Certificate.
Date of Commencement:	Within 15 days from date of issue of Letter of Intent (LOI).
Date of Completion:	15 months from date of commencement of work/ issuance of Work Order.
Agreed compensation for delay:	1% of tendered value per Month
Maximum compensation for Delay:	5% of tendered value
Value of Work for the issue of interim Certificates:	<i>As per clause 73 (payment of contractor's bill)</i>
Mobilisation Advance:	YES Mobilisation advance shall be given.
Retention Percentage:	As stipulated in relevant clauses.
Release of Retention amount:	after completion of defects liability period i.e. 12 months from completion of work.
Payment against Running Account Bills:	Within 28 days (4 weeks) of the receipt of interim certificate of the project Architects after checking the measurements duly certified by site engineer, as follows: <ul style="list-style-type: none"> a) 60% of the value of the bill shall be released after initial scrutiny by the Architects within 12- 15 days and the balance 40% shall be released after certification by the Architects within further 12-15 days. b) Retention money to the extent of 4% against amount due.
Payment against Final Bill:	3 months from the date of issue of Virtual Completion Certificate by the Architect, after all formalities are over under clause 75.
Payment against Certificate :	Three Months after all reconciliation of Final Accounts.

Payment towards E.S.I.C. & P.F.:

As per tender conditions, Contractor has to pay the Required premiums towards these and shall indemnify the owner as per the approved format by submitting the Indemnity Bond to the owner.

I/WE AGREE TO ABOVE

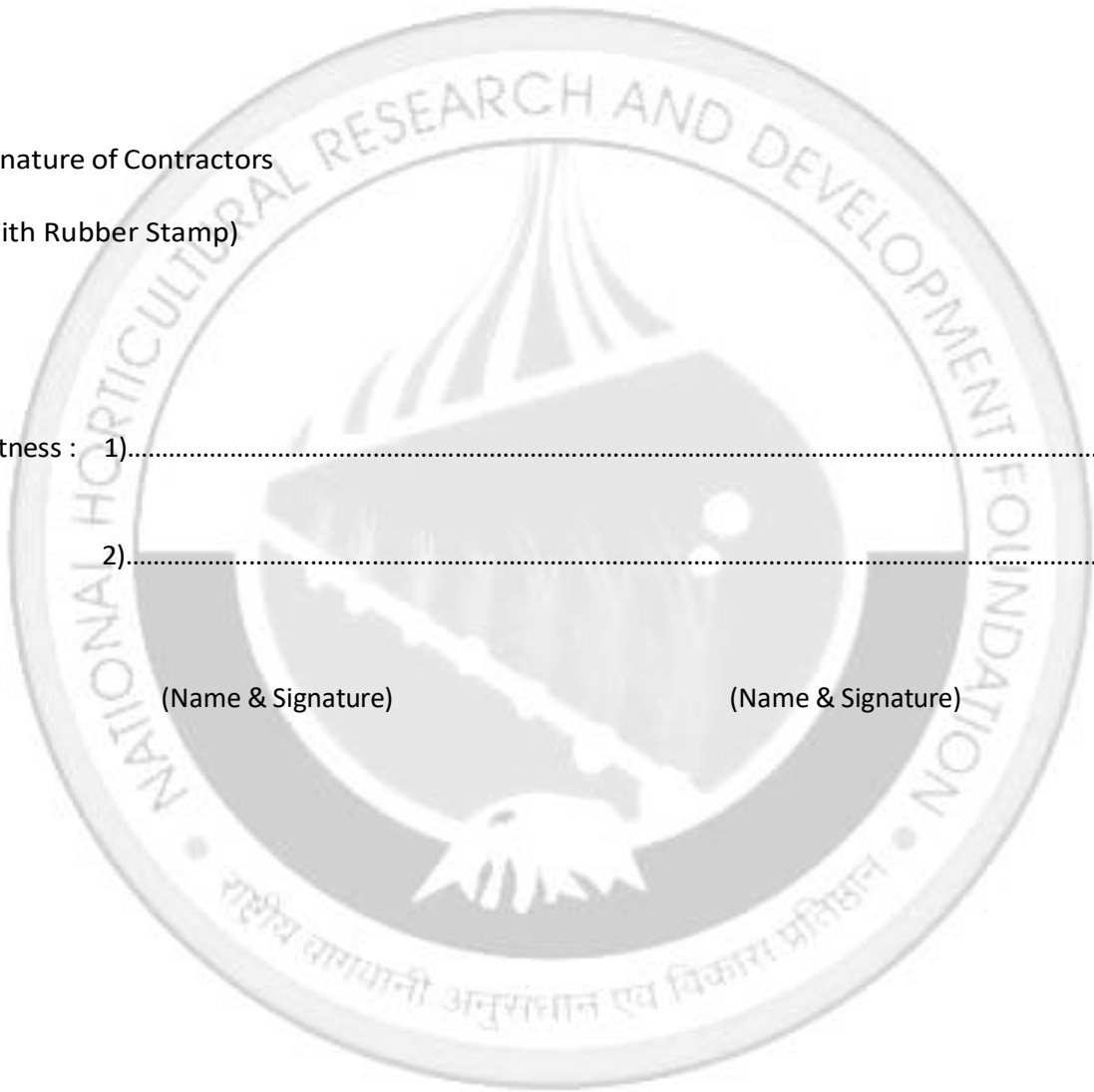
Signature of Contractors
(With Rubber Stamp)

Witness : 1).....

2).....

(Name & Signature)

(Name & Signature)





BILL OF QUANTITIES (BOQ)

NAME OF WPRK - PROPOSED FARMERS HOSTEL BUILDING FOR NHRDF ,AT-CHITEGAON PHATA ,NASHIK

RECAPITULATION SHEET

Sr. No.	PARTICULARS			AMOUNT
1	Total Work Portion Amount (In Rs.)(G+1)		Rs.	48009791.08
2	Quality Control tests SSR 2022-23 Royalty Charges		Rs.	101730.00
3	Sand		Rs.	217186.69
4	Other than Sand		Rs.	207773.69
		Total Amount	Rs.	48536481.47
5	Gst 18% (On Total Amount (A))		Rs.	8736566.66
6	Add for Labour Insurance (On Work Portion) (1%)		Rs.	480097.91
7	Add For Labour Contingencies (On Work Portion) (4%)		Rs.	1920391.64
8	Add for electrification (on work portion amount) (9%)		Rs.	4320881.20
9	Add For Scrutiny Charges (On A) (1.25%)		Rs.	606706.02
10	Grand Total (In Rs.)		Rs.	64601124.90
		Say As	Rs.	64601125.00

In Word -Six Core Fourty Six Lakh One Thousand One Hundred Twenty Five.

Note: Cost of electrical works include complete wirings and fixing of typical electrical points like boards/switches for light, fan, gyser, A.C. charging points etc. as provided in the present estimated cost in tender document. The details of electrical drawings will be provided by Architect during progress of work.

ABSTRACT SHEET

Sr.No.	Qty	Description	Rate	Per	Amount
1	291.05	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means	215.18	Cum	62626.64
		SSR 2022-23 Item no.21.02			
2	180.44	Excavation for foundation in hard murum including removing the excavated material upto distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.50 m) By Mechanical Means	235.97	Cum	42577.32
		SSR 2022-23 Item no.21.06			
3	180.44	Excavation for foundation in hard murum and boulders including removing the excavated material up to a distance 50 metres, beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5m.) By Mechanical Means	261.95	Cum	47266.46
		SSR 2022-23 Item no.21.10			
4	135.33	Excavation for foundation in Soft rock and old cement or lime masonry foundations including removing the excavated material upto a distance of 50 metres beyond the building area and stacking as directed, including dewatering, preparing the bed for the foundation and necessary back filling with available earth /murum, ramming, watering including shoring and strutting etc. complete (lift upto 1.5m) By Mechanical Means	445.95	Cum	60349.14
		SSR 2022-23 Item no.21.14			
5	135.33	Excavation for foundation in Hard rock by chiselling, wedging, line drilling, etc. including trimming and levelling the bed, removing the excavated material upto a distance of 50 metres beyond the building area stacking as directed, dewatering and back filling with available earth/ murum watering, ramming etc. complete. (Lift upto 1.5 m). By Mechanical Means	1358.63	Cum	183860.89
		SSR 2022-23 Item no.21.20			
6	270.49	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	6782.37	Cum	1834548.43
		SSR 2022-23 Item no.24.01			

7	0.00	Providing and laying Cast in situ/Ready Mix cement concrete in M15 of trap/ granite/quartzite/gneiss metal for foundation and bedding / steps including steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface, only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.),with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	7846.46	Cum	0.00
		SSR 2022-23 Item no.24.04			
8	213.28	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete.	622.66	Cum	132799.06
		SSR 2022-23 Item no.21.37			
9	322.69	Filling in plinth and floors with approved excavated material in 15cm. to 20cm. Layers including watering and compacting etc. complete.	124.74	Cum	40252.34
		SSR 2022-23 Item no.21.36			
10	282.79	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete.	1822.98	Cum	515521.19
		SSR 2022-23 Item no.21.38			
11	177.30	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite/quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering, formwork ,cover blocks, laying/pumping, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	8269.22	Cum	1466109.40
		SSR 2022-23 Item no.25.13			
12		Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)			
		SSR 2022-23 Item no.25.33			
	44.99	(A) Ground Floor	15213.08	Cum	684511.00

	38.90	(B) First Floor	15365.21	Cum	597772.76
13		Providing and laying Cast in situ/Ready Mix cement concrete in M-25 of trap/ granite/ quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)			
		SSR 2022-23 Item no.25.52			
	177.49	(A) Ground Floor	13638.24	Cum	2420651.82
	88.75	(B) First Floor	13774.62	Cum	1222429.17
14		Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)			
		SSR 2022-23 Item no.26.07			
	2.93	(A) Ground Floor	15367.97	Cum	45089.61
	3.15	(B) First Floor	15521.64	Cum	48893.18
15		Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)			
		SSR 2022-23 Item no.25.72			
	139.74	(A) Ground Floor	15367.97	Cum	2147586.15
	141.37	(B) First Floor	15521.64	Cum	2194323.49
16		Providing and laying Cast in situ/Ready Mix cement concrete in M-25 of trap/ granite/ quartzite/ gneiss metal for R.C.C. pardi of required thickness including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening them if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)			
		SSR 2022-23 Item no.26.19			
	10.56	(A) Ground Floor	16876.28	Cum	178213.51

	12.60	(B) First Floor	17045.04	Cum	214767.54
17		Providing and laying Cast in situ/Ready Mix cement concrete in M-25 of trap / quartzite/granite /gneiss metal for R.C.C. Waist slab, and steps of staircases as per detailed design and drawings or as directed including steel centering, plywood/ steel formwork, steel props, laying/pumping, compaction, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding enforcement, including cover block).(Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc.) with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)			
		SSR 2022-23 Item no.26.26			
	3.74	(A) Ground Floor	13230.75	Cum	49416.86
	3.74	(B) First Floor	13363.06	Cum	49911.03
18		Providing and fixing during laying in RCC Slab rectangular 2 mm thick M.S. sheet fan hook box of size 180x100 mm with required depth with holes or notches as required, bottom and top sides of 1.6 mm M.S. sheet fixed with 3.5 mm dia. round headed screws together with 12 mm dia. M.S. bar bent to shape with hooked ends for fan hook and painting to exposed surface			
		SSR 2022-23 Item no.26.68			
	16.00	(A) Ground Floor	412.68	No.	6602.90
	21.00	(B) First Floor	416.81	No.	8752.97
19		Providing and laying Cast in situ/Ready Mix cement concrete in M-20 of trap/ granite/quartzite/ gneiss metal for R.C.C.coping to plinth or parapet and sill of doors and windows moulded as per detailed drawings or chamfered as approved by the Engineer including steel centering, formwork, cover blocks, laying/pumping, compacting , curing , finishing and roughening them if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)			
		SSR 2022-23 Item no.26.23			
	14.79	(A) Ground Floor	8168.39	Cum	120817.32
	18.17	(B) First Floor	8250.07	Cum	149918.99
20		Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.			
		SSR 2022-23 Item no.26.33			
	58.42	(A) Ground Floor	93611.78	M.T.	5468391.71

	33.99	(B) First Floor	94547.90	M.T.	3214067.93
21		Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position making riveted / bolted /welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete.			
		SSR 2022-23 Item no.23.01			
	1.00	(A) Ground Floor	106232.35	M.T.	106232.35
22	133.12	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in plinth as backing in composite masonry including bailing out water manually, striking joints, raking out joints and watering etc Complete.	8225.39	Cum	1094944.37
		SSR 2022-23 Item no.27.03			
23		Providing fly ash brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete			
		SSR 2022-23 Item no.27.13			
	236.75	(A) Ground Floor	7801.28	Cum	1846928.71
	345.75	(B) First Floor	7879.29	Cum	2724232.42
24		Providing Autoclaved Aerated Concrete Block masonry of conforming to IS:2185 (Part 3) - 1984 in extra fine jointing mortar of fixoblock of UltraTech or equivalent in superstructure including striking joints, raking out joints and scaffolding etc. Complete. (The test shall be carried out conforming to IS:6441 (Part I) - 1972)			
		SSR 2022-23 Item no.27.15			
	0.00	(A) Ground Floor	7629.93	Cum	0.00
	0.00	(B) First Floor	7706.23	Cum	0.00
25		Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:4 in half brick thick wall including mild steel longitudinal reinforcement of 2 bars of 6 mm diameter / 2 hoop iron strips 25 mm X 1.6 mm placed at every third course, properly bent and bonded at ends scaffolding, racking out joints and watering etc. complete.			
		SSR 2022-23 Item no.27.06			
	234.17	(A) Ground Floor	1577.79	Sqm	369468.27
	253.13	(B) First Floor	1593.57	Sqm	403386.59
26		Providing and applying Two coats of wall care Putty on plastered surface and Ceiling and Walls to prepare surface even and smooth of approved make, etc complete.			

		SSR 2022-23 Item no.32.34			
	2986.28	(A) Ground Floor	93.56	Sqm	279381.19
	2386.77	(B) First Floor	94.49	Sqm	225526.82
27		Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:3 without neeru finish to concrete surface in all positions including scaffolding and curing etc. complete.			
		SSR 2022-23 Item no.32.02			
	1117.95	(A) Ground Floor	221.30	Sqm	247404.79
	1130.97	(B) First Floor	223.51	Sqm	252789.00
28		Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete.			
		SSR 2022-23 Item no.32.04			
	767.60	(A) Ground Floor	297.01	Sqm	227981.50
	767.60	(B) First Floor	299.98	Sqm	230261.32
29		Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete.			
		SSR 2022-23 Item no.32.07			
	1595.04	(A) Ground Floor	410.54	Sqm	654830.58
	1567.86	(B) First Floor	414.65	Sqm	650106.87
30		Providing neeru finish to plastered surfaces in all positions including scaffolding and curing etc. complete.			
		SSR 2022-23 Item no.32.15			
	2318.35	(A) Ground Floor	67.57	Sqm	156645.16
	2235.31	(B) First Floor	68.24	Sqm	152544.38
31		Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1Kilogramper cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete.			
		SSR 2022-23 Item no.32.11			
	580.50	(A) Ground Floor	681.99	Sqm	395895.39
	642.00	(B) First Floor	688.81	Sqm	442216.18

32	114.00	Providing fine cement finish 1.5 mm thick over green plaster surface including scaffolding curing etc. complete.	74.84	Sqm	8532.22
		SSR 2022-23 Item no.32.21			
33		Providing patti/ band 150mm wide on plastered surface 12 mm to 15 mm thick in C.M. 1:3 line and level including neat finishing scaffolding curing etc. complete.			
		SSR 2022-23 Item no.32.25			
	1000.00	(B) First Floor	85.89	Rmt	85891.91
34	1100.00	Providing and fixing chicken mesh of 22 gauge, with about 30 cm. width at the junction of R.C.C members and brick work, of approved quality including fixing mesh in position by necessary drilling in concrete /B.B.masonry and or tying by binding wire etc. complete.	59.25	Rmt	65176.65
		SSR 2022-23 Item no.32.26			
35		Providing and laying machine cut machine Polished Kota stone flooring 25mm to 30mm thick and required width in plain/ diamond pattern on bed of 1:6 C. M. including cement float, filling joints with neat cement slurry, curing, polishing and cleaning etc. complete.			
		SSR 2022-23 Item no.33.06			
	243.90	(A) Ground Floor	1342.53	Sqm	327445.64
	243.90	(B) First Floor	1355.95	Sqm	330720.09
36		Providing and laying handcut polished Kotah Stone flooring 25mm to 30mm thick and 30cm wide in plain/diamond pattern on a bed of 1:6 C.M. including cement float, filling joints with neat cement slurry, curing, polishing and cleaning etc. complete.			
		SSR 2022-23 Item no.33.07			
	0.00	(A) Ground Floor	1319.66	Sqm	0.00
	0.00	(B) First Floor	1332.85	Sqm	0.00
37	150.00	Providing and fixing heavy duty inter locking concrete RUBBER MOULD GLOSSY PAVING BLOCKS of 60 millimeter thickness of having a strength of 400 Kilogram/sq.m of approved quality and shape on a bed of crushed sand of 25 to 30 millimeter thick including striking joints and cleaning etc. complete. (using 100% crushed sand)	1139.29	Sqm	170893.80
		SSR 2022-23 Item no.33.53			
38	27.76	Providing and laying Rough Shahabad Stone Flooring 25mm to 30mm thick and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. complete.	806.15	Sqm	22374.56
		SSR 2022-23 Item no.33.01			

39	11.25	Providing and preparing kitchen otta up to 75 cm width,made up from 30 mm thick and 75 cm high vertical support for kadppa at 1 m. c/c of 25 mm thick both side polished kadappa middle shelf and bottom of 20 mm thick one side polished kadappa with facia patti of 20 x 50 mm kadappa including all material labour cutting fixing with cement mortar and araldite curing polished and cleaning etc. complete.	2923.07	Sqm	32884.58
		SSR 2022-23 Item no.33.38			
40		Providing and laying Antiskid Ceramic tiles of approved quality of size 30 cm x 30 cm and confirming to IS 15622-2006 (Group-B IIA) for antiskid flooring in required position laid on a bed of 1:4 cement mortar including cement float, filling joint with cement slurry cleaning curing etc. complete.			
		SSR 2022-23 Item no.33.67			
	138.49	(A) Ground Floor	1293.54	Sqm	179142.60
	95.26	(B) First Floor	1306.47	Sqm	124451.52
41		Providing and laying ceramic tiles having size 30 cm. x 45 cm. confirming to corresponding I.S. for dado and skirting in required position with readymade adhesive mortar of approved quality on plaster of 1:2 cement mortar including joint filling with white/ colour cement slurry cleaning curing etc. complete.			
		SSR 2022-23 Item no.33.26			
	619.15	(A) Ground Floor	1373.27	Sqm	850260.74
	516.78	(B) First Floor	1387.01	Sqm	716769.96
42		Providing and laying telephone black / Amba White / Cadburybrown / Ruby red / Ocean Brown granite stone of 18 to 20 mm thick for door frame/ dado/ window boxing etc. On C.M. 1:6 including filling joints with polymer base filler nosing/moulding the sharp edges wherever necessary, curing, etc. complete.			
		SSR 2022-23 Item no.33.68			
	110.10	(A) Ground Floor	4605.27	Sqm	507039.93
	107.73	(B) First Floor	4651.32	Sqm	501086.70
43		Providing and fixing machine cut machine polished 18 mm to 20 mm thick telephone black / Amba White / Cat bary brown / RBI red / Ocean Brown granite stone for treads and risers of steps and staircases of approved colour and shade with full moulding and three grooved line for the treads on bed of 1:4 Cement mortar including float filling joints with neat cement slurry curing polishing and cleaning etc. complete.			
		SSR 2022-23 Item no.33.35			
	36.90	(A) Ground Floor	4382.81	Sqm	161725.85
	36.90	(B) First Floor	4426.64	Sqm	163343.11
44		Providing and applying priming coat on concrete/ masonry/ Asbestos Cement plastered surfaces including scaffolding if necessary, preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and sand papering as required etc. complete.			

		SSR 2022-23 Item no.35.21			
	2318.35	(A) Ground Floor	37.42	Sqm	86757.32
	2235.31	(B) First Floor	37.80	Sqm	84486.12
45		Providing and applying two coats of synthetic enamel paint of approved colour to new /old structural steel work and wood work in buildings, including scaffolding if necessary, cleaning and preparing the surface (excluding primer coat) etc. complete.			
		SSR 2022-23 Item no.35.07			
	2318.35	(A) Ground Floor	99.79	Sqm	231352.85
	2235.31	(B) First Floor	100.79	Sqm	225296.32
46		Providing and applying two coats of exterior acrylic emulsion paint conforming to corresponding I.S. of approved manufacture and of approved colour to the plastered surfaces including cleaning ,preparing the plaster surface, applying primer coat ,scaffolding if necessary , and watering the surface for two days etc complete.			
		SSR 2022-23 Item no.35.25			
	661.50	(A) Ground Floor	271.31	Sqm	179471.23
	726.60	(B) First Floor	274.02	Sqm	199104.82
47	161.44	Providing and fixing self supporting steel roofing system for a Godown or alike made up of structural grade steel sheet of 912 millimeter width (tolerance + / - 2 millimeter), moulded at site using mechanical press dies to the desired curve and shape to form 605 millimeter wide interlocking panels . The interlocking panels shall be pressed to close the seam forming water tight joints for a span of 28.75 meter having arch rise as 5.75 meter, arch length 33.92 meter. The base material made up of imported galvalume steel complying to ASTM A792 having base metal thickness of 1.40 millimeter (tolerace + / - 0.02 millimeter) with alloy coating AZ 150 and paint coating of regular modified polyster , top coat 25 micron and bottom coat 12 micron as perapproved colour , including fixing hangers , clamps etc.as may be necessary of Proflex standard, including fixing sky light of 2 millimeter thick polycarbonate sheet of size 2' x 14' and turbo ventilator of 24" diameter to be installed at every 30 feet along the length of roof including finishing , testing and cleaning etc. complete.	3021.60	Sqm	487799.20
		SSR 2022-23 Item no.38.44			
48		Providing and fixing solid core flush door shutter in single leaf 32 mm thick decorative type of exterior grade as per detailed drawings approved face veneers 3 mm thick on both faces or as directed, all necessary beads, mouldings and lipping, wrought iron hold fasts, chromium plated fixtures and fastenings, with brass mortise lock, chromium plated handles on both sides, and finishing with French Polish etc. complete.			
		SSR 2022-23 Item no.39.09			
	37.80	(A) Ground Floor	3200.62	Sqm	120983.45
	40.32	(B) First Floor	3232.63	Sqm	130339.51

49		Providing and fixing M40 grade thick vibrated pull cast or similar type concrete frame with chamfer conforming to I.S. 65241983 having 6 mm dia. bars 3 Nos. And stirrups @250 mm c/c and fixing in wall with 6 Nos of hold fast of 12 mm dia bars 500 mm long including primer and oil painting etc, complete) frame size 60 mm x 100 mm .			
		SSR 2022-23 Item no.39.56			
	50.00	(A) Ground Floor	1108.11	Rmt	55405.35
	50.00	(B) First Floor	1119.19	Rmt	55959.40
50		Providing and Fixing 30 MM thick BOTH SIDE PRELAMINATED SOLID PANEL PVC DOOR SHUTTER consisting of frame made out of M.S tubes of 19 guage thickness and, size 19 x 19 mm for styles and 15 x15 mm for the top and bottom rails, M.S frame shall have a coat of metel primer of approved make and manufacture. M.S frame shall be covered with heat mouled PVC 'C' channel made from 5 mm (+/0.25) thick prelaminated sheet of density 600 Kilogram/cbm ,of size 30mm thickness 70mm width out of which 50mm shall be flat and 20mm shall be tapered in 45° angle on either side forming stiles ; and 5 mm thick ,95 mm wide PVC sheet out of which 75 mm shall be falt and 20 mm shall be tapered in 45 on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be falt and 20 mm shall be tapered on both sides to form lock rail.Top,bottom and lock rail shall be provided either side of the panel. An additional 5 mm (+/0.25) thick PVC strip of 20 mm width is to be stuck on the bottom side of the ' c ' channel prelaminated paneling of 5 mm (+/0.25) thick PVC sheet to be fitted inside the M.S. frame welded/ sealed to the styles and rails with 5 mm (+/0.25) x 30 mm PVC sheet beading on either side and joined together with solvent cement adhesive etc ,10 mm thickness (5 mm (+/0.25) x 2 nos) 20 mm wide cross PVC sheet as gap insert for the rail and bottom rail. Door to be fixed to frames with 3 nos M.S.powder coated but hinges of size 100 mm x 25MM x 2mm using 32 mm long steel screws drilled suitable to pass through both the walls of the M.S tube. Other hardwares			
		SSR 2022-23 Item no.39.47			
	65.52	(A) Ground Floor	6806.65	Sqm	445971.45
	65.52	(B) First Floor	6874.71	Sqm	450431.16
51		Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 Kilogram/One Running Metre. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 Kilogram/One Running Metre.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 Kilogram/Running metre. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 Kilogram/One Running Metre. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 Kilogram/Running metre. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 Kilogram/Running metre. As per detailed drawings and as directed by Engineerincharge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With powder coating with box			
		SSR 2022-23 Item no.39.43			
	67.89	(A) Ground Floor	5579.00	Sqm	378758.07

	55.44	(B) First Floor		5634.79	Sqm	312392.56
52		Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with powder coating as per detailed drawing and specifications including aluminium frames 80 x 38 mm x 1.22 mm box type, 5 mm thick sheet glass louvers, of approved quality etc. complete.				
		SSR 2022-23 Item no.39.68				
	9.45	(A) Ground Floor		3603.95	Sqm	34057.29
	12.60	(B) First Floor		3639.99	Sqm	45863.82
53		Providing and fixing mild steel grill work for windows, ventilators etc. 20 Kilogram/ One Square Metre as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete.				
		SSR 2022-23 Item no.40.01				
	67.89	(A) Ground Floor		2179.83	Sqm	147988.76
	55.44	(B) First Floor		2201.63	Sqm	122058.36
54		Providing and Fixing mat finish stainless steel (of 302 grade) railing with top pipe of 50 mm dia. and vertical pipe of 38 mm dia at 0.60 m c/c or as required and horizontal pipes of 25 mm dia in three rows, all pipes of 2 mm thick including buffing, fabricating fixtures and fastening including pipe base of appropriate diameter and ball base of 75 mm dia above newel post of 75 mm diameter etc. complete (Prior approval of sample and brand by Ex.Engineer is necessary before use)				
		SSR 2022-23 Item no.40.08				
	140.00	(A) Ground Floor		3685.03	Rmt	515903.85
	150.00	(B) First Floor		3721.88	Rmt	558281.67
55	1073.91	Providing preconstructional antitermite treatment as per I.S. 6313 (Part-II) by treating the bottom surface and sides of excavation at the rate of 5 litres of emulsion concentrate of 1.0 percent of chlorophyrifos per square meter of surface area covering 10 years guarantee on bond paper.		111.23	Sqm	119447.04
		SSR 2022-23 Item no.21.22				
56	148.00	Providing antitermite treatment around the periphery of the existing building as per I.S. 6313 (Part-III) by excavating trenches of 20cm width and exposing the sides of columns and plinth beams upto a depth of 300mm and injecting one percent of chlorodane emulsion concentrate at the rate of 2.25 litres per One Running Metre and refilling the trenches etc. complete covering 2 years guarantee on bond paper.		69.65	Rmt	10307.68
		SSR 2022-23 Item no.21.29				

57		Providing cement based water proofing treatment to terraces (Indian water proofing or alike) with brick bats laid in required slope to drain the water for any span after cleaning the base surface. Applying a coat of cement slurry admixed with approved water proofing compound and laying the brick bats on bottom layer in C.M.1:5 admixed with approved water proofing compound filling up to half depth of brick bats, curing this layer for 3 days, applying cement slurry over this layer joints of brick bats with C.M.1:3 admixed with approved water proofing compound and finally top finishing with average 20 mm. thick layers of same mortar added with jute fiber at 1Kilogramper bag including finishing the surface smooth with cement slurry admixed with approved water proofing compound. Marking finished surface with false squares of 300mm x 300 mm. making the junctions at the parapet rounded and tapered top for required height, with drip mould at the junction of plaster and parapet and curing and covering 10 years Guarantee against leakproofness on Court fee stamp paper of Rs. 500/- including ponding test etc. complete.			
		SSR 2022-23 Item no.31.04			
	1349.00	(B) First Floor	1414.57	Sqm	1908261.26
58	165.91	Providing and laying damp proof course 50 mm thick in M20 cement concrete layer and bitumen / using cement with waterproofing compound curing, formwork etc. complete.	550.37	Sqm	91311.50
		SSR 2022-23 Item no.31.01			
59		Providing waterproofing in W.C. and bath including brick bat coba in all position including providing and laying 12mm bedding in cement mortar 1:3 on vergin concrete slab with waterproofing compound @ 1Kilogram/per bag of cement laying brick bat coba of required thickness in cm 1:5 with waterproofing compound 1 Kilogram/bag of cement grouting and finishing the top layer with 20mm thick brick bedding in cm mortar 1:3 with waterproofing compound 1 Kilogram/per bag of cement and testing the treated portion for 48 hours by pond test and covering ten years' guarantee on requisite stamp paper including curing etc. complete.			
		SSR 2022-23 Item no.31.26			
	68.16	(A) Ground Floor	7973.00	Sqm	543439.71
	57.84	(B) First Floor	8052.73	Sqm	465769.93
60	150.00	Providing and laying in trenches 15 mm dai. CPVC pipe including necessary excavation, fittings. Refilling trenches etc. complete Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	283.78	Rmt	42567.53
		SSR 2022-23 Item no.42.61			
61	150.00	Providing and laying in trenches 20 mm dai. CPVC pipe including necessary excavation, fittings. Refilling trenches etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	323.28	Rmt	48492.68
		SSR 2022-23 Item no.42.62			
62	150.00	Providing and laying in trenches 25 mm dai. CPVC pipe including necessary excavation, fittings. Refilling trenches etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	439.71	Rmt	65956.28

		SSR 2022-23 Item no.42.63			
63	80.00	Providing and laying in trenches 32 mm dai. CPVC pipe including necessary excavation, fittings. Refilling trenches etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.	497.92	Rmt	39833.64
		SSR 2022-23 Item no.42.64			
64		Providing and fixing on walls/ ceiling/ floor 15 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.			
		SSR 2022-23 Item no.42.55			
	100.00	(A) Ground Floor	276.51	Rmt	27650.70
	100.00	(B) First Floor	279.27	Rmt	27927.21
65		Providing and fixing on walls/ceiling/floor 20 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.			
		SSR 2022-23 Item no.42.56			
	100.00	(A) Ground Floor	322.25	Rmt	32224.50
	100.00	(B) First Floor	325.47	Rmt	32546.75
66		Providing and fixing on walls/ ceiling/ floor 25 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.			
		SSR 2022-23 Item no.42.57			
	100.00	(A) Ground Floor	389.81	Rmt	38981.25
	100.00	(B) First Floor	393.71	Rmt	39371.06
67		Providing and fixing on walls/ ceiling/ floor 32 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.			
		SSR 2022-23 Item no.42.58			
	20.00	(A) Ground Floor	448.02	Rmt	8960.49
	20.00	(B) First Floor	452.50	Rmt	9050.09
68	1.00	Providing and making ISI Mark ferrule connection of 32 mm dia. to water main including ferrule coupling cast iron bell mouth cover, built in non return valve and fixing including excavation and reinstatement complete.	4111.22	No.	4111.22

		SSR 2022-23 Item no.42.75			
69		Providing, laying and fixing P.V.C. pipe of 110 mm. dia. with fittings such as bends, tees, reducers, clamps, etc. including necessary excavation, trench filling etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.			
		SSR 2022-23 Item no.42.28			
	110.00	(A) Ground Floor	617.46	Rmt	67920.93
	150.00	(B) First Floor	623.64	Rmt	93545.64
70		Providing and fixing P.V.C. Rain water pipes of 160mm outer diameter and having wall thickness of 2.2 to 2.7 mm conforming to I.S. 13592-1992 including proper rainwater receiving recess with P.V.C. plug, bend, necessary fittings, such as, offsets, shoes, including fixing the pipe on wall using approved wooden cleats projecting 25mm to 40mm from face of wall a fixing with clips of approved quality and One Number ,filing the joint using rubber gasket with solvent cement and properly resting the shoe of pipes on C.C. or masonry blocks, including necessary scaffolding and maintenance for 3 yrs for any leakages or dislocations of pipes. All the P.V.C. fittings and additional 2 piece socket clips shall be got approved from engineer in charge etc. complete.			
		SSR 2022-23 Item no.42.85			
	30.00	(A) Ground Floor	1539.50	Rmt	46184.99
	35.00	(B) First Floor	1554.89	Rmt	54421.31
71		Providing, laying and fixing P.V.C. pipe of 75mm dia. with fittings such as bends, tees, reducers, clamps, etc. including necessary excavation, trench filling etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.			
		SSR 2022-23 Item no.42.27			
	130.00	(A) Ground Floor	448.02	Rmt	58243.19
	130.00	(B) First Floor	452.50	Rmt	58825.62
72		Providing and fixing 15 mm dia. screw down bib/ stop tap of brass including necessary socket union nut complete.			
		SSR 2022-23 Item no.41.40			
	30.00	(A) Ground Floor	697.50	No.	20925.14
	30.00	(B) First Floor	704.48	No.	21134.39
73		Providing and fixing 15mm diameter concussion push button type brass/gun metal self- closing tap including necessary socket complete.			

		SSR 2022-23 Item no.41.52			
	10.00	(A) Ground Floor	482.33	No.	4823.28
	10.00	(B) First Floor	487.15	No.	4871.51
74		Providing and fixing screw down for 25 mm dia. wheeled stop tap of brass including necessary sockets/union nut complete.			
		SSR 2022-23 Item no.41.45			
	15.00	(A) Ground Floor	912.68	No.	13690.22
	15.00	(B) First Floor	921.81	No.	13827.12
75		Providing and fixing 10 cm PVC nahani trap with grating etc. complete.			
		SSR 2022-23 Item no.42.67			
	16.00	(A) Ground Floor	565.95	No.	9055.27
	15.00	(B) First Floor	571.61	No.	8574.21
76	1.00	Providing and fixing 25mm diameter water meter with non-return valve including strainer, sockets/ union nut and including water meter box making locking arrangement and lock. [Without chamber].	7410.60	No.	7410.60
		SSR 2022-23 Item no.41.28			
77		Providing and fixing European type white glazed earthenware water closet pan with UPVC seat and lid with chromium plated brass hinges and rubber buffers including UPVC and vent pipe up to the outside face of wall 10 litre enameled low level flushing cistern with fittings pipe stop tap brackets for fixing cistern 32 mm dia. UPVC flush pipe with fittings and clamps ,20 mm dia.UPVC overflow pipe ,mosquito proof couplings G.I. chain and pulley,with water Jet and fitting including cutting and making good to the walls and floors testing etc. complete.(prior approval of sample and brand by Ex. Engineer is necessary before use)			
		SSR 2022-23 Item no.43.19			
	18.00	(A) Ground Floor	12099.17	No.	217784.97
	16.00	(B) First Floor	12220.16	No.	195522.51
78		Providing and fixing oval type under counter wash hand basin of 16 inch x 22 inch size and of special colour shade having telephonic black / coloured granite of 180 mm thick stone black kadappa framework including chromium plated coupling bottle - Trap using CERA company or equivalent oval type wash basin model no 3448 as per detailed drawing or as directed by engg incharge etc complete. (Counter size 1.20 m x 0.60 m)			
		SSR 2022-23 Item no.42.88			
	19.00	(A) Ground Floor	9165.33	No.	174141.18

	19.00	(B) First Floor	9256.98	No.	175882.60
79		Providing and fixing chromium plated towel rod 16 mm dia and 75 cm. in length including all accessories complete.			
		SSR 2022-23 Item no.42.31			
	16.00	(A) Ground Floor	310.81	No.	4972.97
	16.00	(B) First Floor	313.92	No.	5022.70
80		Providing and fixing 450mm x 550mm size superior type Belgium mirror with 16mm dia. nickel plated towel rod etc. complete.			
		SSR 2022-23 Item no.42.20			
	16.00	(A) Ground Floor	895.01	No.	14320.15
	16.00	(B) First Floor	903.96	No.	14463.35
81	60.00	Providing and laying for 150 mm dia salt glazed stoneware pipe including fittings Such as bends, tees, single junction, double junctions laying, jointing (including excavation and refilling the trenches) complete.	429.83	Rmt	25789.87
		SSR 2022-23 Item no.42.04			
82	2.00	Providing and fixing 15cm x 10cm salt glazed stoneware gully trap in cement concrete 1:4:8 outside the building including cast iron grating in the sink, connecting glazed stoneware pipe, brick masonry chamber with cast iron lid and cast iron grating for the gully trap.	1757.64	No.	3515.28
		SSR 2022-23 Item no.42.02			
83	15.00	Providing and constructing Brick Masonry Inspection Chamber 60cm x 45cm x 90cm including 1:4:8 cement concrete foundation 1:2:4 cement concrete channels half round G.S.W. pipes, Brick Masonry, plastering from inside and with frame fixed in cement concrete with R.C.C. Cover medium duty 140Kilogramwith frame etc complete.	9987.09	No.	149806.34
		SSR 2022-23 Item no.42.12			
84	8.00	Providing and constructing Brick Masonry Inspection Chamber 60cm x 45cm x 90cm including 1:4:8 cement concrete foundation 1:2:4 cement concrete channels half round G.S.W. pipes, Brick Masonry, plastering from inside and with frame fixed in cement concrete with R.C.C. Cover medium duty 140Kilogramwith frame etc complete.	11913.08	No.	95304.65
		SSR 2022-23 Item no.42.13			
85		Providing and fixing 40 mm. dia Ball cock medium type with PVC float including sockets and necessary fittings and tested as per municipal requirements etc. complete.			

		SSR 2022-23 Item no.42.36			
	2.00	(B) First Floor	1283.08	No.	2566.15
86	1.00	Providing soak pit of size 120cm x 120cm x 120cm including excavating and filling with brick-bats.	3068.60	No.	3068.60
		SSR 2022-23 Item no.42.19			
87	5.00	Providing and fixing C.P. sink cock with raised J" shaped swinging casted spout of approved make including necessary sockets/ union nut etc. complete."			
		SSR 2022-23 Item no.42.84			
		(A) Ground Floor	2229.73	No.	0.00
88	1.00	Providing and fixing reinforced cement concrete cover of size 90 cm x 45 cm with frame over inspection chamber etc. complete. Heavy duty (225 Kilogram)	5863.82	No.	5863.82
		SSR 2022-23 Item no.42.68			
89	1.00	Providing and fixing 90 cm x 60 cm Granite plate engraving 10 cm. Height letter, figures including painting the lefters/figures with approved colour and shade complete	8967.77	No.	8967.77
		SSR 2022-23 Item no.44.12			
90	60.00	Boring/drilling bore well of 300mm dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machinery required for the job, all complete as per direction of Engineer in charge, upto 90m depth below ground level.	432.43	Rmt	25945.92
		SSR 2022-23 Item no.48.48			
91	5.00	Providing and fixing 45 cm wide mild steel ladder of 40mm x 6 mm mild steel flat stringers and steps of 18 mm dia. mild steel bar for water tank including fixing it in (1:2:4) M-15 cement concrete block 60cm x 30cm x 30cm and painting the ladder complete. (Anti Corrosive Paint)	1172.56	Rmt	5862.78
		SSR 2022-23 Item no.41.56			
92	1.00	Providing and fixing lightening conductor system comprising of erecting Air-Termination consisting of tubular copper rod of 25mm dia. 1.2 mm thick with multiple points head 1.2 mt. long (Heavy Duty) welded or clamped to G.I. pipe pole B grade 50 mm dia of required length with M.S. round base plate 25 Cm diam and 10mm thick at bottom embedded in cement concrete 1:3:6 foundation of size 45 cm diam x 45 cm Height and providing earthing with copper earth plate of size 60 x 60 x 0.3 cms with cadmium plated nut bolts to fix earthing strip buried in specially prepared earth pits 1.5 metre below ground level with 40Kilogram charcoal and salt with alternate layers of charcoal and salt and G.I. pipe 40mm dia 2 meter length buried in earthe upto earthing plate remaining portion above ground level for watering and refilling complete Note- Copper strip from lightening conductor is not considered in this item.	26802.47	No.	26802.47

		SSR 2022-23 Item no.44.18			
93	23.00	Providing and fixing copper strip 25mm wide and 3mm thick for lightening conductor including fixing with screws required scaffolding etc.complete Note- Lightning conductor and earthinif pits is not considered in this item	824.32	Rmt	18959.44
		SSR 2022-23 Item no.44.19			
94	1.00	Providing and fixing board displaying information, such as 'Name of work, Tender cost, Name of Contractor, Work completion and liability period etc', having rectangular shape of 1.20m x 0.90m size made out 18 gauge (1.25mm) thick mild steel sheet painted with one coat of Zinc chromate stoving primer and two coats of enamel paint on front side and grey stove enamel on back side and border / messages / symbols etc. with approved colour shade paint complete, on M.S.angle of size 35 x 35 x 3 mm frame with properly cross braced M.S. angles of size 35mmx35mmx3mm duly painted including Two M.S. angle iron posts of size 65 mm x 65 mm x 6 mm, 3.65 m long painted with alternate black and white bands of 25 cm width including all fixtures etc.and fixing the boards in 1:4:8 concrete block of size 60 cm x 60 cm x 75 cm including, excavation, refilling, transportation, and labour etc complete. Spec. No. As directed by Engineer in Charge	10356.54	No.	10356.54
		SSR 2022-23 Item no.6.36			
		Total Work Portion Amount (In Rs.)			48009791.08

MEASUREMENT SHEET.

Item No.	Description Of Item	No.	L	B	H	Qty	Unit						
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means												
	SSR 2022-23 Item no.21.02												
	C7/C26/C35/C44	4.00	1.50	1.35	0.40	3.24							
	C1/C2	2.00	1.50	1.50	0.40	1.80							
	C5/C53/C67/C68/C69/C80/C81/C82	8.00	1.80	1.65	0.40	9.50							
	C29/C30/C31/C32/C40/C41/C47/C48/C49/C50	10.00	2.30	2.10	0.40	19.32							
	C4/C10/C13/C15/C18/C19/C20/C21/C22/C23/C27/C28/C37/C39/C45/C46/C55/C57/C58/C59/C60/C61/C62/C63/C64/C65/C66/C70/C71/C74/C77	31.00	2.55	2.25	0.40	71.15							
	C3/C6/C8/C9/C14/C16/C17/C24/C33/C34/C36/C38/C51/C52/C54/C56/C72/C73/C75/C76/C78/C79	22.00	2.85	2.55	0.40	63.95							
	C25/C42/C43	3.00	2.55	2.25	0.40	6.89							
	C11/C12	2.00	2.55	2.25	0.40	4.59							
	Below Ground Beam												
	GB1	2.00	4.80	0.43	0.40	1.65							
	GB1	5.00	5.10	0.43	0.40	4.39							
	GB1	3.00	4.17	0.43	0.40	2.15							
	GB1	1.00	4.00	0.43	0.40	0.69							
	GB1	3.00	4.27	0.43	0.40	2.20							
	GB1	4.00	4.87	0.43	0.40	3.35							
	GB1	1.00	3.55	0.43	0.40	0.61							
	GB2	14.00	3.21	0.43	0.40	7.73							
	GB2	3.00	2.25	0.43	0.40	1.16							
	GB2	4.00	4.17	0.43	0.40	2.87							
	GB2	22.00	2.92	0.43	0.40	11.05							

GB2	6.00	2.39	0.43	0.40	2.47						
GB2	4.00	4.27	0.43	0.40	2.94						
GB2	2.00	5.10	0.43	0.40	1.75						
GB2	2.00	2.52	0.43	0.40	0.87						
GB2	10.00	3.00	0.43	0.40	5.16						
GB2	1.00	2.70	0.43	0.40	0.46						
GB3	8.00	0.75	0.43	0.40	1.03						
GB4	7.00	5.10	0.43	0.40	6.14						
GB4	1.00	5.47	0.43	0.40	0.94						
GB5	8.00	2.92	0.43	0.40	4.02						
GB5	25.00	2.39	0.43	0.40	10.28						
GB5	5.00	3.00	0.43	0.40	2.58						
GB5	1.00	2.59	0.43	0.40	0.45						
GB5	1.00	5.62	0.43	0.40	0.97						
GB5	6.00	1.75	0.43	0.40	1.81						
GB6	1.00	6.20	0.43	0.40	1.07						
GB6	1.00	5.10	0.43	0.40	0.88						
GB6	1.00	5.84	0.43	0.40	1.00						
GB7	6.00	1.07	0.43	0.40	1.10						
GB7	6.00	0.90	0.43	0.40	0.93						
GB7	5.00	1.12	0.43	0.40	0.96						
GB7	3.00	1.67	0.43	0.40	0.86						
GB8	1.00	2.94	0.43	0.40	0.51						
GB8	1.00	3.07	0.43	0.40	0.53						
GB9	1.00	5.62	0.43	0.40	0.97						
GB10	7.00	1.65	0.43	0.40	1.99						
GB10	1.00	2.02	0.43	0.40	0.35						
GB10	1.00	1.37	0.43	0.40	0.24						
GB10	1.00	1.81	0.43	0.40	0.31						
GB11	1.00	0.75	0.43	0.40	0.13						
GB12	1.00	5.47	0.43	0.40	0.94						
GB13	10.00	0.75	0.43	0.40	1.29						

		0																	
	GB14	10.00	5.47	0.43	0.40	9.41													
	GB15	1.00	0.75	0.43	0.40	0.13													
	GB16	1.00	1.35	0.43	0.40	0.23													
	GB17	1.00	2.00	0.43	0.40	0.34													
	GB18	1.00	3.55	0.43	0.40	0.61													
	GB18	1.00	0.75	0.43	0.40	0.13													
	GB19	1.00	2.18	0.43	0.40	0.37													
	GB20	1.00	0.75	0.43	0.40	0.13													
	GB21	1.00	5.47	0.43	0.40	0.94													
	GB22	1.00	1.70	0.43	0.40	0.29													
	GB23	1.00	4.15	0.43	0.40	0.71													
	GB24	1.00	2.25	0.43	0.40	0.39													
	GB25	1.00	4.20	0.43	0.40	0.72													
	GB26	1.00	2.25	0.43	0.40	0.39													
	GB27	1.00	4.20	0.43	0.40	0.72													
	GB28	1.00	2.65	0.43	0.40	0.46													
	GB28	1.00	5.10	0.43	0.40	0.88													
					Total Qty	291.05	Cu	m											
2	Excavation for foundation in hard murum including removing the excavated material upto distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.50 m) By Mechanical Means																		
	SSR 2022-23 Item no.21.06																		
	C7/C26/C35/C44	4	1.5	1.35	0.40	3.24													
	C1/C2	2	1.5	1.5	0.40	1.80													
	C5/C53/C67/C68/C69/C80/C81/C82	8	1.8	1.65	0.40	9.50													
	C29/C30/C31/C32/C40/C41/C47/C48/C49/C50	10	2.30	2.10	0.40	19.32													
	C4/C10/C13/C15/C18/C19/C20/C21/C22/C23/C27/C28/C37/C39/C45/C46/C55/C57/C58/C59/C60/C61/C62/C63/C64/C65/C66/C70/C71/C74/C77	31	2.55	2.25	0.40	71.15													
	C3/C6/C8/C9/C14/C16/C17/C24/C33/C34/C36/C38/C51/C52/C54/C56/C72/C73/C75/C76/C78/C79	22	2.85	2.55	0.40	63.95													

	C25/C42/C43	3	2.55	2.25	0.40	6.89							
	C11/C12	2	2.55	2.25	0.40	4.59							
				Total Qty		180.44	Cu						
							m						
3	Excavation for foundation in hard murum and boulders including removing the excavated material up to a distance 50 metres, beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5m.) By Mechanical Means												
	SSR 2022-23 Item no.21.10												
	C7/C26/C35/C44	4	1.5	1.35	0.40	3.24							
	C1/C2	2	1.5	1.5	0.40	1.80							
	C5/C53/C67/C68/C69/C80/C81/C82	8	1.8	1.65	0.40	9.50							
	C29/C30/C31/C32/C40/C41/C47/C48/C49/C50	10	2.30	2.10	0.40	19.32							
	C4/C10/C13/C15/C18/C19/C20/C21/C22/C23/C27/C28/C37/C39/C45/C46/C55/C57/C58/C59/C60/C61/C62/C63/C64/C65/C66/C70/C71/C74/C77	31	2.55	2.25	0.40	71.15							
	C3/C6/C8/C9/C14/C16/C17/C24/C33/C34/C36/C38/C51/C52/C54/C56/C72/C73/C75/C76/C78/C79	22	2.85	2.55	0.40	63.95							
	C25/C42/C43	3	2.55	2.25	0.40	6.89							
	C11/C12	2	2.55	2.25	0.40	4.59							
				Total Qty		180.44	Cu						
							m						
4	Excavation for foundation in Soft rock and old cement or lime masonry foundations including removing the excavated material upto a distance of 50 metres beyond the building area and stacking as directed, including dewatering, preparing the bed for the foundation and necessary back filling with available earth /murum, ramming, watering including shoring and strutting etc. complete (lift upto 1.5m) By Mechanical Means												
	SSR 2022-23 Item no.21.14												
	C7/C26/C35/C44	4	1.5	1.35	0.30	2.43							
	C1/C2	2	1.5	1.5	0.30	1.35							
	C5/C53/C67/C68/C69/C80/C81/C82	8	1.8	1.65	0.30	7.13							
	C29/C30/C31/C32/C40/C41/C47/C48/C49/C50	10	2.30	2.10	0.30	14.49							
	C4/C10/C13/C15/C18/C19/C20/C21/C22/C23/C27/C28/C37/C39/C45/C46/C55/C57/C58/C59/C60/C61/C62/C63/C64/C65/C66/C70/C71/C74/C77	31	2.55	2.25	0.30	53.36							

	C3/C6/C8/C9/C14/C16/C17/C24/C33/C34/C36/C38/C51/C52/C54/C56/C72/C73/C75/C76/C78/C79	22	2.85	2.55	0.30	47.97							
	C25/C42/C43	3	2.55	2.25	0.30	5.16							
	C11/C12	2	2.55	2.25	0.30	3.44							
				Total Qty		135.33	Cu	m					
5	Excavation for foundation in Hard rock by chiselling, wedging, line drilling, etc. including trimming and levelling the bed, removing the excavated material upto a distance of 50 metres beyond the building area stacking as directed, dewatering and back filling with available earth/ murum watering, ramming etc. complete. (Lift upto 1.5 m). By Mechanical Means												
	SSR 2022-23 Item no.21.20												
	C7/C26/C35/C44	4	1.5	1.35	0.30	2.43							
	C1/C2	2	1.5	1.5	0.30	1.35							
	C5/C53/C67/C68/C69/C80/C81/C82	8	1.8	1.65	0.30	7.13							
	C29/C30/C31/C32/C40/C41/C47/C48/C49/C50	10	2.30	2.10	0.30	14.49							
	C4/C10/C13/C15/C18/C19/C20/C21/C22/C23/C27/C28/C37/C39/C45/C46/C55/C57/C58/C59/C60/C61/C62/C63/C64/C65/C66/C70/C71/C74/C77	31	2.55	2.25	0.30	53.36							
	C3/C6/C8/C9/C14/C16/C17/C24/C33/C34/C36/C38/C51/C52/C54/C56/C72/C73/C75/C76/C78/C79	22	2.85	2.55	0.30	47.97							
	C25/C42/C43	3	2.55	2.25	0.30	5.16							
	C11/C12	2	2.55	2.25	0.30	3.44							
				Total Qty		135.33	Cu	m					
6	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)												
	SSR 2022-23 Item no.24.01												
	Below Footing												
	C7/C26/C35/C44	4	1.5	1.35	0.15	1.22							
	C1/C2	2	1.5	1.5	0.15	0.68							
	C5/C53/C67/C68/C69/C80/C81/C82	8	1.8	1.65	0.15	3.56							
	C29/C30/C31/C32/C40/C41/C47/C48/C49/C50	10	2.30	2.10	0.15	7.25							

C4/C10/C13/C15/C18/C19/C20/C21/C22/C23/C27/C28/C37/C39/C45/C46/C55/C57/C58/C59/C60/C61/C62/C63/C64/C65/C66/C70/C71/C74/C77	31	2.55	2.25	0.15	26.68					
C3/C6/C8/C9/C14/C16/C17/C24/C33/C34/C36/C38/C51/C52/C54/C56/C72/C73/C75/C76/C78/C79	22	2.85	2.55	0.15	23.98					
C25/C42/C43	3	2.55	2.25	0.15	2.58					
C11/C12	2	2.55	2.25	0.15	1.72					
Below Ground Beam										
GB1	2.00	4.80	0.43	0.15	0.62					
GB1	5.00	5.10	0.43	0.15	1.64					
GB1	3.00	4.17	0.43	0.15	0.81					
GB1	1.00	4.00	0.43	0.15	0.26					
GB1	3.00	4.27	0.43	0.15	0.83					
GB1	4.00	4.87	0.43	0.15	1.26					
GB1	1.00	3.55	0.43	0.15	0.23					
GB2	14.00	3.21	0.43	0.15	2.90					
GB2	3.00	2.25	0.43	0.15	0.44					
GB2	4.00	4.17	0.43	0.15	1.08					
GB2	22.00	2.92	0.43	0.15	4.14					
GB2	6.00	2.39	0.43	0.15	0.92					
GB2	4.00	4.27	0.43	0.15	1.10					
GB2	2.00	5.10	0.43	0.15	0.66					
GB2	2.00	2.52	0.43	0.15	0.33					
GB2	10.00	3.00	0.43	0.15	1.94					
GB2	1.00	2.70	0.43	0.15	0.17					
GB3	8.00	0.75	0.43	0.15	0.39					
GB4	7.00	5.10	0.43	0.15	2.30					
GB4	1.00	5.47	0.43	0.15	0.35					
GB5	8.00	2.92	0.43	0.15	1.51					
GB5	25.00	2.39	0.43	0.15	3.85					
GB5	5.00	3.00	0.43	0.15	0.97					

GB5	1.00	2.59	0.43	0.15	0.17						
GB5	1.00	5.62	0.43	0.15	0.36						
GB5	6.00	1.75	0.43	0.15	0.68						
GB6	1.00	6.20	0.43	0.15	0.40						
GB6	1.00	5.10	0.43	0.15	0.33						
GB6	1.00	5.84	0.43	0.15	0.38						
GB7	6.00	1.07	0.43	0.15	0.41						
GB7	6.00	0.90	0.43	0.15	0.35						
GB7	5.00	1.12	0.43	0.15	0.36						
GB7	3.00	1.67	0.43	0.15	0.32						
GB8	1.00	2.94	0.43	0.15	0.19						
GB8	1.00	3.07	0.43	0.15	0.20						
GB9	1.00	5.62	0.43	0.15	0.36						
GB10	7.00	1.65	0.43	0.15	0.74						
GB10	1.00	2.02	0.43	0.15	0.13						
GB10	1.00	1.37	0.43	0.15	0.09						
GB10	1.00	1.81	0.43	0.15	0.12						
GB11	1.00	0.75	0.43	0.15	0.05						
GB12	1.00	5.47	0.43	0.15	0.35						
GB13	10.00	0.75	0.43	0.15	0.48						
GB14	10.00	5.47	0.43	0.15	3.53						
GB15	1.00	0.75	0.43	0.15	0.05						
GB16	1.00	1.35	0.43	0.15	0.09						
GB17	1.00	2.00	0.43	0.15	0.13						
GB18	1.00	3.55	0.43	0.15	0.23						
GB18	1.00	0.75	0.43	0.15	0.05						
GB19	1.00	2.18	0.43	0.15	0.14						
GB20	1.00	0.75	0.43	0.15	0.05						
GB21	1.00	5.47	0.43	0.15	0.35						
GB22	1.00	1.70	0.43	0.15	0.11						
GB23	1.00	4.15	0.43	0.15	0.27						
GB24	1.00	2.25	0.43	0.15	0.15						

					0									
					Total Qty	177.30	Cu	m						
12	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)													
	SSR 2022-23 Item no.25.33													
	(A) Ground Floor													
	C7/C26/C35/C44	4	0.230	0.450	4.825	2.00								
	C1/C2	2	0.375		4.825	0.00								
	C5/C53/C67/C68/C69/C80/C81/C82	8	0.230	0.600	4.750	5.24								
	C29/C30/C31/C32/C40/C41/C47/C48/C49/C50	10	0.375		4.750	0.00								
	C4/C10/C13/C15/C18/C19/C20/C21/C22/C23/C27/C28/C37/C39/C45/C46/C55/C57/C58/C59/C60/C61/C62/C63/C64/C65/C66/C70/C71/C74/C77	31	0.230	0.600	4.675	20.00								
	C3/C6/C8/C9/C14/C16/C17/C24/C33/C34/C36/C38/C51/C52/C54/C56/C72/C73/C75/C76/C78/C79	22	0.230	0.600	4.675	14.19								
	C25/C42/C43	3	0.230	0.600	4.600	1.90								
	C11/C12	2	0.300	0.600	4.600	1.66								
					Total Qty	44.99	Cu	m						
	(B) First Floor													
	C7/C26/C35/C44	4	0.230	0.450	4.050	1.68								
	C1/C2	2	0.375		4.050	0.00								
	C5/C53/C67/C68/C69/C80/C81/C82	8	0.230	0.600	4.050	4.47								
	C29/C30/C31/C32/C40/C41/C47/C48/C49/C50	10	0.375		4.050	0.00								

	C4/C10/C13/C15/C18/C19/C20/C21/C22/C23/C27/C28/C37/C39/C45/C46/C55/C57/C58/C59/C60/C61/C62/C63/C64/C65/C66/C70/C71/C74/C77	31	0.230	0.60 0	4.05 0	17.33							
	C3/C6/C8/C9/C14/C16/C17/C24/C33/C34/C36/C38/C51/C52/C54/C56/C72/C73/C75/C76/C78/C79	22	0.230	0.60 0	4.05 0	12.30							
	C25/C42/C43	3	0.230	0.60 0	4.05 0	1.68							
	C11/C12	2	0.300	0.60 0	4.05 0	1.46							
				Total Qty		38.90	Cu m						
13	Providing and laying Cast in situ/Ready Mix cement concrete in M-25 of trap/ granite/ quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction and roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)												
	SSR 2022-23 Item no.25.52												
	(A) Plinth Floor												
	GB1	2.00	4.80	0.23	0.60	1.32							
	GB1	5.00	5.10	0.23	0.60	3.52							
	GB1	3.00	4.17	0.23	0.60	1.73							
	GB1	1.00	4.00	0.23	0.60	0.55							
	GB1	3.00	4.27	0.23	0.60	1.77							
	GB1	4.00	4.87	0.23	0.60	2.69							
	GB1	1.00	3.55	0.23	0.60	0.49							
	GB2	14.0 0	3.21	0.23	0.60	6.20							
	GB2	3.00	2.25	0.23	0.60	0.93							
	GB2	4.00	4.17	0.23	0.60	2.30							
	GB2	22.0 0	2.92	0.23	0.60	8.87							
	GB2	6.00	2.39	0.23	0.60	1.98							
	GB2	4.00	4.27	0.23	0.60	2.36							
	GB2	2.00	5.10	0.23	0.60	1.41							
	GB2	2.00	2.52	0.23	0.60	0.70							

GB2	10.00	3.00	0.23	0.60	4.14					
GB2	1.00	2.70	0.23	0.60	0.37					
GB3	8.00	0.75	0.23	0.60	0.83					
GB4	7.00	5.10	0.23	0.60	4.93					
GB4	1.00	5.47	0.23	0.60	0.75					
GB5	8.00	2.92	0.23	0.60	3.22					
GB5	25.00	2.39	0.23	0.60	8.25					
GB5	5.00	3.00	0.23	0.60	2.07					
GB5	1.00	2.59	0.23	0.60	0.36					
GB5	1.00	5.62	0.23	0.60	0.78					
GB5	6.00	1.75	0.23	0.60	1.45					
GB6	1.00	6.20	0.23	0.60	0.86					
GB6	1.00	5.10	0.23	0.60	0.70					
GB6	1.00	5.84	0.23	0.60	0.81					
GB7	6.00	1.07	0.23	0.60	0.89					
GB7	6.00	0.90	0.23	0.60	0.75					
GB7	5.00	1.12	0.23	0.60	0.77					
GB7	3.00	1.67	0.23	0.60	0.69					
GB8	1.00	2.94	0.23	0.60	0.41					
GB8	1.00	3.07	0.23	0.60	0.42					
GB9	1.00	5.62	0.23	0.60	0.78					
GB10	7.00	1.65	0.23	0.60	1.59					
GB10	1.00	2.02	0.23	0.60	0.28					
GB10	1.00	1.37	0.23	0.60	0.19					
GB10	1.00	1.81	0.23	0.60	0.25					
GB11	1.00	0.75	0.23	0.60	0.10					
GB12	1.00	5.47	0.23	0.60	0.75					
GB13	10.00	0.75	0.23	0.60	1.04					
GB14	10.00	5.47	0.23	0.60	7.55					
GB15	1.00	0.75	0.23	0.60	0.10					
GB16	1.00	1.35	0.23	0.60	0.19					

GB17	1.00	2.00	0.23	0.60	0.28						
GB18	1.00	3.55	0.23	0.60	0.49						
GB18	1.00	0.75	0.23	0.60	0.10						
GB19	1.00	2.18	0.23	0.60	0.30						
GB20	1.00	0.75	0.23	0.60	0.10						
GB21	1.00	5.47	0.23	0.60	0.75						
GB22	1.00	1.70	0.23	0.60	0.23						
GB23	1.00	4.15	0.23	0.60	0.57						
GB24	1.00	2.25	0.23	0.60	0.31						
GB25	1.00	4.20	0.23	0.60	0.58						
GB26	1.00	2.25	0.23	0.60	0.31						
GB27	1.00	4.20	0.23	0.60	0.58						
GB28	1.00	2.65	0.23	0.60	0.37						
GB28	1.00	5.10	0.23	0.60	0.70						
				Total Qty	88.75	Cu					
						m					
(A) Ground Floor											
B1	2.00	4.80	0.23	0.60	1.32						
B1	5.00	5.10	0.23	0.60	3.52						
B1	3.00	4.17	0.23	0.60	1.73						
B1	1.00	4.00	0.23	0.60	0.55						
B1	3.00	4.27	0.23	0.60	1.77						
B1	4.00	4.87	0.23	0.60	2.69						
B1	1.00	3.55	0.23	0.60	0.49						
B2	14.00	3.21	0.23	0.60	6.20						
B2	3.00	2.25	0.23	0.60	0.93						
B2	4.00	4.17	0.23	0.60	2.30						
B2	22.00	2.92	0.23	0.60	8.87						
B2	6.00	2.39	0.23	0.60	1.98						
B2	4.00	4.27	0.23	0.60	2.36						
B2	2.00	5.10	0.23	0.60	1.41						

B2		2.00	2.52	0.23	0.60	0.70								
B2		10.00	3.00	0.23	0.60	4.14								
B2		1.00	2.70	0.23	0.60	0.37								
B3		8.00	0.75	0.23	0.60	0.83								
B4		7.00	5.10	0.23	0.60	4.93								
B4		1.00	5.47	0.23	0.60	0.75								
B5		8.00	2.92	0.23	0.60	3.22								
B5		25.00	2.39	0.23	0.60	8.25								
B5		5.00	3.00	0.23	0.60	2.07								
B5		1.00	2.59	0.23	0.60	0.36								
B5		1.00	5.62	0.23	0.60	0.78								
B5		6.00	1.75	0.23	0.60	1.45								
B6		1.00	6.20	0.23	0.60	0.86								
B6		1.00	5.10	0.23	0.60	0.70								
B6		1.00	5.84	0.23	0.60	0.81								
B7		6.00	1.07	0.23	0.60	0.89								
B7		6.00	0.90	0.23	0.60	0.75								
B7		5.00	1.12	0.23	0.60	0.77								
B7		3.00	1.67	0.23	0.60	0.69								
B8		1.00	2.94	0.23	0.60	0.41								
B8		1.00	3.07	0.23	0.60	0.42								
B9		1.00	5.62	0.23	0.60	0.78								
B10		7.00	1.65	0.23	0.60	1.59								
B10		1.00	2.02	0.23	0.60	0.28								
B10		1.00	1.37	0.23	0.60	0.19								
B10		1.00	1.81	0.23	0.60	0.25								
B11		1.00	0.75	0.23	0.60	0.10								
B12		1.00	5.47	0.23	0.60	0.75								
B13		10.00	0.75	0.23	0.60	1.04								
B14		10.00	5.47	0.23	0.60	7.55								
B15		1.00	0.75	0.23	0.60	0.10								

B16	1.00	1.35	0.23	0.60	0.19						
B17	1.00	2.00	0.23	0.60	0.28						
B18	1.00	3.55	0.23	0.60	0.49						
B18	1.00	0.75	0.23	0.60	0.10						
B19	1.00	2.18	0.23	0.60	0.30						
B20	1.00	0.75	0.23	0.60	0.10						
B21	1.00	5.47	0.23	0.60	0.75						
B22	1.00	1.70	0.23	0.60	0.23						
B23	1.00	4.15	0.23	0.60	0.57						
B24	1.00	2.25	0.23	0.60	0.31						
B25	1.00	4.20	0.23	0.60	0.58						
B26	1.00	2.25	0.23	0.60	0.31						
B27	1.00	4.20	0.23	0.60	0.58						
B28	1.00	2.65	0.23	0.60	0.37						
B28	1.00	5.10	0.23	0.60	0.70						
				Total Qty	88.75	Cu	m				
(B) First Floor											
TB1	2.00	4.80	0.23	0.60	1.32						
TB1	5.00	5.10	0.23	0.60	3.52						
TB1	3.00	4.17	0.23	0.60	1.73						
TB1	1.00	4.00	0.23	0.60	0.55						
TB1	3.00	4.27	0.23	0.60	1.77						
TB1	4.00	4.87	0.23	0.60	2.69						
TB1	1.00	3.55	0.23	0.60	0.49						
TB2	14.00	3.21	0.23	0.60	6.20						
TB2	3.00	2.25	0.23	0.60	0.93						
TB2	4.00	4.17	0.23	0.60	2.30						
TB2	22.00	2.92	0.23	0.60	8.87						
TB2	6.00	2.39	0.23	0.60	1.98						
TB2	4.00	4.27	0.23	0.60	2.36						

TB2	2.00	5.10	0.23	0.60	1.41						
TB2	2.00	2.52	0.23	0.60	0.70						
TB2	10.00	3.00	0.23	0.60	4.14						
TB2	1.00	2.70	0.23	0.60	0.37						
TB3	8.00	0.75	0.23	0.60	0.83						
TB4	7.00	5.10	0.23	0.60	4.93						
TB4	1.00	5.47	0.23	0.60	0.75						
TB5	8.00	2.92	0.23	0.60	3.22						
TB5	25.00	2.39	0.23	0.60	8.25						
TB5	5.00	3.00	0.23	0.60	2.07						
TB5	1.00	2.59	0.23	0.60	0.36						
TB5	1.00	5.62	0.23	0.60	0.78						
TB5	6.00	1.75	0.23	0.60	1.45						
TB6	1.00	6.20	0.23	0.60	0.86						
TB6	1.00	5.10	0.23	0.60	0.70						
TB6	1.00	5.84	0.23	0.60	0.81						
TB7	6.00	1.07	0.23	0.60	0.89						
TB7	6.00	0.90	0.23	0.60	0.75						
TB7	5.00	1.12	0.23	0.60	0.77						
TB7	3.00	1.67	0.23	0.60	0.69						
TB8	1.00	2.94	0.23	0.60	0.41						
TB8	1.00	3.07	0.23	0.60	0.42						
TB9	1.00	5.62	0.23	0.60	0.78						
TB10	7.00	1.65	0.23	0.60	1.59						
TB10	1.00	2.02	0.23	0.60	0.28						
TB10	1.00	1.37	0.23	0.60	0.19						
TB10	1.00	1.81	0.23	0.60	0.25						
TB11	1.00	0.75	0.23	0.60	0.10						
TB12	1.00	5.47	0.23	0.60	0.75						
TB13	10.00	0.75	0.23	0.60	1.04						
TB14	10.00	5.47	0.23	0.60	7.55						

	TB15	1.00	0.75	0.23	0.60	0.10								
	TB16	1.00	1.35	0.23	0.60	0.19								
	TB17	1.00	2.00	0.23	0.60	0.28								
	TB18	1.00	3.55	0.23	0.60	0.49								
	TB18	1.00	0.75	0.23	0.60	0.10								
	TB19	1.00	2.18	0.23	0.60	0.30								
	TB20	1.00	0.75	0.23	0.60	0.10								
	TB21	1.00	5.47	0.23	0.60	0.75								
	TB22	1.00	1.70	0.23	0.60	0.23								
	TB23	1.00	4.15	0.23	0.60	0.57								
	TB24	1.00	2.25	0.23	0.60	0.31								
	TB25	1.00	4.20	0.23	0.60	0.58								
	TB26	1.00	2.25	0.23	0.60	0.31								
	TB27	1.00	4.20	0.23	0.60	0.58								
	TB28	1.00	2.65	0.23	0.60	0.37								
	TB28	1.00	5.10	0.23	0.60	0.70								
					Total Qty	88.75	Cu	m						
14	Providing and laying Cast in situ/Ready Mixcement concrete M-25 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)													
	SSR 2022-23 Item no.26.07													
	(A) Ground Floor													
		12	1.5	0.6	0.15	1.62								
		7	1.8	0.6	0.15	1.13								
		2	1	0.6	0.15	0.18								
					Total Qty	2.93	Cu	m						
	(B) First Floor													
		14	1.5	0.6	0.15	1.89								
		8	1	0.6	0.15	0.72								
		4	1.5	0.6	0.15	0.54								

			Total Qty			3.15	Cu m					
15	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)											
	SSR 2022-23 Item no.25.72											
	(A) Ground Floor											
	S1	12.00	6.85	4.27	0.13	43.86						
	S2	1.00	6.80	4.80	0.13	4.08						
	S3	1.00	6.80	4.80	0.13	4.08						
	S4	1.00	6.80	4.80	0.13	4.08						
	S5	1.00	6.80	4.80	0.13	4.08						
	S6	1.00	9.15	6.71	0.13	7.67						
	S7	1.00	3.96	3.05	0.13	1.51						
	S8	1.00	3.05	3.05	0.13	1.16						
	S9	2.00	3.10	2.10	0.13	1.63						
	S10	2.00	3.10	2.10	0.13	1.63						
	S11	1.00	3.35	1.20	0.13	0.50						
	S12	4.00	2.00	1.20	0.13	1.20						
	S13	1.00	7.62	7.50	0.13	7.14						
	S14	6.00	5.10	3.05	0.13	11.67						
	S15	6.00	5.10	3.05	0.13	11.67						
	S16	4.00	4.60	3.05	0.13	7.02						
	S17	3.00	5.10	3.05	0.13	5.83						
	S18	1.00	5.70	3.50	0.13	2.49						
	S19	1.00	6.10	3.10	0.13	2.36						
	S20	1.00	7.60	7.50	0.13	7.13						
	S21	1.00	7.60	7.50	0.13	7.13						
	Landing	2.00	3.50	2.10	0.13	1.84						
				Total Qty		139.74	Cu m					

	SSR 2022-23 Item no.26.19																		
	(A) Ground Floor																		
	Water Tank Long Wall	2.00	5.20	2.00	0.30	6.24													
	Water Tank Short Wall	2.00	3.60	2.00	0.30	4.32													
						Total Qty	10.56	Cu m											
	(B) First Floor																		
	Water Tank Long Wall	2.00	6.00	2.10	0.30	7.56													
	Water Tank Short Wall	2.00	4.00	2.10	0.30	5.04													
						Total Qty	12.60	Cu m											
17	Providing and laying Cast in situ/Ready Mix cement concrete in M-25 of trap / quartzite/granite /gneiss metal for R.C.C. Waist slab, and steps of staircases as per detailed design and drawings or as directed including steel centering, plywood/ steel formwork, steel props, laying/pumping, compaction, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement, including cover block).(Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc.) with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)																		
	SSR 2022-23 Item no.26.26																		
	(A) Ground Floor																		
	Waist Slab	2.00	4.50	1.50	0.20	2.70													
	Steps Of Staircase	23.00	1.50	0.20	0.15	1.04													
						Total Qty	3.74	Cu m											
	(B) First Floor																		
	Waist Slab	2.00	4.50	1.50	0.20	2.70													
	Steps Of Staircase	23.00	1.50	0.20	0.15	1.04													
						Total Qty	3.74	Cu m											
18	Providing and fixing during laying in RCC Slab rectangular 2 mm thick M.S. sheet fan hook box of size 180x100 mm with required depth with holes or notches as required, bottom and top sides of 1.6 mm M.S. sheet fixed with 3.5 mm dia. round headed screws together with 12 mm dia. M.S. bar bent to shape with hooked ends for fan hook and painting to exposed surface																		
	SSR 2022-23 Item no.26.68																		

	(A) Ground Floor																			
		16.00	1.00	1.00	1.00	16.00														
				Total Qty		16.00	Nos													
	(B) First Floor																			
		21.00	1.00	1.00	1.00	21.00														
				Total Qty		21.00	Nos													
19	Providing and laying Cast in situ/Ready Mix cement concrete in M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C.coping to plinth or parapet and sill of doors and windows moulded as per detailed drawings or chamfered as approved by the Engineer including steel centering, formwork, cover blocks, laying/pumping, compacting , curing , finishing and roughening them if special finish is to be provided and curing complete. (Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)																			
	SSR 2022-23 Item no.26.23																			
	(A) Ground Floor																			
	GB1	2.00	4.80	0.23	0.10	0.22														
	GB1	5.00	5.10	0.23	0.10	0.59														
	GB1	3.00	4.17	0.23	0.10	0.29														
	GB1	1.00	4.00	0.23	0.10	0.09														
	GB1	3.00	4.27	0.23	0.10	0.29														
	GB1	4.00	4.87	0.23	0.10	0.45														
	GB1	1.00	3.55	0.23	0.10	0.08														
	GB2	14.00	3.21	0.23	0.10	1.03														
	GB2	3.00	2.25	0.23	0.10	0.16														
	GB2	4.00	4.17	0.23	0.10	0.38														
	GB2	22.00	2.92	0.23	0.10	1.48														
	GB2	6.00	2.39	0.23	0.10	0.33														
	GB2	4.00	4.27	0.23	0.10	0.39														
	GB2	2.00	5.10	0.23	0.10	0.23														
	GB2	2.00	2.52	0.23	0.10	0.12														
	GB2	10.00	3.00	0.23	0.10	0.69														
	GB2	1.00	2.70	0.23	0.10	0.06														

GB3	8.00	0.75	0.23	0.10	0.14						
GB4	7.00	5.10	0.23	0.10	0.82						
GB4	1.00	5.47	0.23	0.10	0.13						
GB5	8.00	2.92	0.23	0.10	0.54						
GB5	25.00	2.39	0.23	0.10	1.37						
GB5	5.00	3.00	0.23	0.10	0.35						
GB5	1.00	2.59	0.23	0.10	0.06						
GB5	1.00	5.62	0.23	0.10	0.13						
GB5	6.00	1.75	0.23	0.10	0.24						
GB6	1.00	6.20	0.23	0.10	0.14						
GB6	1.00	5.10	0.23	0.10	0.12						
GB6	1.00	5.84	0.23	0.10	0.13						
GB7	6.00	1.07	0.23	0.10	0.15						
GB7	6.00	0.90	0.23	0.10	0.12						
GB7	5.00	1.12	0.23	0.10	0.13						
GB7	3.00	1.67	0.23	0.10	0.12						
GB8	1.00	2.94	0.23	0.10	0.07						
GB8	1.00	3.07	0.23	0.10	0.07						
GB9	1.00	5.62	0.23	0.10	0.13						
GB10	7.00	1.65	0.23	0.10	0.27						
GB10	1.00	2.02	0.23	0.10	0.05						
GB10	1.00	1.37	0.23	0.10	0.03						
GB10	1.00	1.81	0.23	0.10	0.04						
GB11	1.00	0.75	0.23	0.10	0.02						
GB12	1.00	5.47	0.23	0.10	0.13						
GB13	10.00	0.75	0.23	0.10	0.17						
GB14	10.00	5.47	0.23	0.10	1.26						
GB15	1.00	0.75	0.23	0.10	0.02						
GB16	1.00	1.35	0.23	0.10	0.03						
GB17	1.00	2.00	0.23	0.10	0.05						
GB18	1.00	3.55	0.23	0.10	0.08						

	GB18	1.00	0.75	0.23	0.10	0.02								
	GB19	1.00	2.18	0.23	0.10	0.05								
	GB20	1.00	0.75	0.23	0.10	0.02								
	GB21	1.00	5.47	0.23	0.10	0.13								
	GB22	1.00	1.70	0.23	0.10	0.04								
	GB23	1.00	4.15	0.23	0.10	0.10								
	GB24	1.00	2.25	0.23	0.10	0.05								
	GB25	1.00	4.20	0.23	0.10	0.10								
	GB26	1.00	2.25	0.23	0.10	0.05								
	GB27	1.00	4.20	0.23	0.10	0.10								
	GB28	1.00	2.65	0.23	0.10	0.06								
	GB28	1.00	5.10	0.23	0.10	0.12								
						Total Qty	14.79	Cu						
	(B) First Floor													
	Parapet Wall	1.00	147.00	0.23	0.10	3.38								
						Total Qty	18.17	Cu						
20	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.													
	SSR 2022-23 Item no.26.33													
	(A) Ground Floor													
	Item	Requirement Of Steel Per Unit in Kg		Qty OF Item	Unit	Total Qty Of Steel in Kg								
	R.C.C. Foundation	73.00	Kg/Cum	177.30	Cum	12942.69	Kg							
	R.C.C. Column	150.00	Kg/Cum	44.99	Cum	6749.24	Kg							
	R.C.C. Beam	125.00	Kg/Cum	177.49	Cum	22186.26	Kg							
	R.C.C. Pardi	70.00	Kg/Cum	10.56	Cum	739.20	Kg							
	R.C.C. Chajja	90.00	Kg/Cum	2.93	Cum	264.06	Kg							

	R.C.C. Slab	100.00	Kg/Cum	139.74	Cum	13974.43	Kg						
	R.C.C. Waist Slab	180.00	Kg/Cum	3.74	Cum	672.30	Kg						
	R.C.C. Coping	60.00	Kg/Cum	14.79	Cum	887.45	Kg						
				Total Qty=		58.42	M.T						
	(B) First Floor												
	Item		Requirement Of Steel Per Unit in Kg	Qty OF Item	Unit	Total Qty Of Steel in Kg							
	R.C.C. Column	150.00	Kg/Cum	38.90	Cum	5835.645	Kg						
	R.C.C. Beam	125.00	Kg/Cum	88.75	Cum	11093.13	Kg						
	R.C.C. Pardi	70.00	Kg/Cum	12.60	Cum	882	Kg						
	R.C.C. Chajja	90.00	Kg/Cum	3.15	Cum	283.5	Kg						
	R.C.C. Slab	100.00	Kg/Cum	141.37	Cum	14137.18	Kg						
	R.C.C. Waist Slab	180.00	Kg/Cum	3.74	Cum	672.3	Kg						
	R.C.C. Coping	60.00	Kg/Cum	18.17	Cum	1090.31	Kg						
				Total Qty=		33.99	M.T						
21	Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc. as per detailed design and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position making riveted / bolted /welded connections without connecting plates, braces etc. and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc. complete.												
	SSR 2022-23 Item no.23.01												
	(A) Ground Floor												
		1.00	1.00	1.00	1.00	1.00							
				Total Qty		1.00	MT						
22	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in plinth as backing in composite masonry including bailing out water manually, striking joints, raking out joints and watering etc Complete.												
	SSR 2022-23 Item no.27.03												

GB1	2.00	4.80	0.23	0.90	1.99						
GB1	5.00	5.10	0.23	0.90	5.28						
GB1	3.00	4.17	0.23	0.90	2.59						
GB1	1.00	4.00	0.23	0.90	0.83						
GB1	3.00	4.27	0.23	0.90	2.65						
GB1	4.00	4.87	0.23	0.90	4.03						
GB1	1.00	3.55	0.23	0.90	0.73						
GB2	14.00	3.21	0.23	0.90	9.30						
GB2	3.00	2.25	0.23	0.90	1.40						
GB2	4.00	4.17	0.23	0.90	3.45						
GB2	22.00	2.92	0.23	0.90	13.30						
GB2	6.00	2.39	0.23	0.90	2.97						
GB2	4.00	4.27	0.23	0.90	3.54						
GB2	2.00	5.10	0.23	0.90	2.11						
GB2	2.00	2.52	0.23	0.90	1.04						
GB2	10.00	3.00	0.23	0.90	6.21						
GB2	1.00	2.70	0.23	0.90	0.56						
GB3	8.00	0.75	0.23	0.90	1.24						
GB4	7.00	5.10	0.23	0.90	7.39						
GB4	1.00	5.47	0.23	0.90	1.13						
GB5	8.00	2.92	0.23	0.90	4.84						
GB5	25.00	2.39	0.23	0.90	12.37						
GB5	5.00	3.00	0.23	0.90	3.11						
GB5	1.00	2.59	0.23	0.90	0.54						
GB5	1.00	5.62	0.23	0.90	1.16						
GB5	6.00	1.75	0.23	0.90	2.17						
GB6	1.00	6.20	0.23	0.90	1.28						
GB6	1.00	5.10	0.23	0.90	1.06						
GB6	1.00	5.84	0.23	0.90	1.21						
GB7	6.00	1.07	0.23	0.90	1.33						
GB7	6.00	0.90	0.23	0.90	1.12						

GB7	5.00	1.12	0.23	0.90	1.16						
GB7	3.00	1.67	0.23	0.90	1.04						
GB8	1.00	2.94	0.23	0.90	0.61						
GB8	1.00	3.07	0.23	0.90	0.64						
GB9	1.00	5.62	0.23	0.90	1.16						
GB10	7.00	1.65	0.23	0.90	2.39						
GB10	1.00	2.02	0.23	0.90	0.42						
GB10	1.00	1.37	0.23	0.90	0.28						
GB10	1.00	1.81	0.23	0.90	0.37						
GB11	1.00	0.75	0.23	0.90	0.16						
GB12	1.00	5.47	0.23	0.90	1.13						
GB13	10.00	0.75	0.23	0.90	1.55						
GB14	10.00	5.47	0.23	0.90	11.32						
GB15	1.00	0.75	0.23	0.90	0.16						
GB16	1.00	1.35	0.23	0.90	0.28						
GB17	1.00	2.00	0.23	0.90	0.41						
GB18	1.00	3.55	0.23	0.90	0.73						
GB18	1.00	0.75	0.23	0.90	0.16						
GB19	1.00	2.18	0.23	0.90	0.45						
GB20	1.00	0.75	0.23	0.90	0.16						
GB21	1.00	5.47	0.23	0.90	1.13						
GB22	1.00	1.70	0.23	0.90	0.35						
GB23	1.00	4.15	0.23	0.90	0.86						
GB24	1.00	2.25	0.23	0.90	0.47						
GB25	1.00	4.20	0.23	0.90	0.87						
GB26	1.00	2.25	0.23	0.90	0.47						
GB27	1.00	4.20	0.23	0.90	0.87						
GB28	1.00	2.65	0.23	0.90	0.55						
GB28	1.00	5.10	0.23	0.90	1.06						
				Total Qty	133.12	Cu					
					m						

25	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:4 in half brick thick wall including mild steel longitudinal reinforcement of 2 bars of 6 mm diameter / 2 hoop iron strips 25 mm X 1.6 mm placed at every third course, properly bent and bonded at ends scaffolding, racking out joints and watering etc. complete.									
	SSR 2022-23 Item no.27.06									
	(A) Ground Floor									
	WC	12.00	1.22	2.85	1.00	41.72				
		24.00	1.22	2.85	1.00	83.45				
	Deduction Door	-24.00	0.90	2.10	1.00	-45.36				
		6.00	3.70	2.85	1.00	63.27				
	BATH	12.00	1.83	2.85	1.00	62.59				
		4.00	2.50	2.85	1.00	28.50				
				Total Qty		234.17	Sq m			
	(B) First Floor									
	WC	16.00	1.22	2.85	1.00	55.63				
		32.00	1.22	2.85	1.00	111.26				
	Deduction Door	-32.00	0.90	2.10	1.00	-60.48				
		6.00	3.70	2.85	1.00	63.27				
	BATH	16.00	1.83	2.85	1.00	83.45				
				Total Qty		253.13	Sq m			
26	Providing and applying Two coats of wall care Putty on plastered surface and Ceiling and Walls to prepare surface even and smooth of approved make, etc complete.									
	SSR 2022-23 Item no.32.34									
	(A) Ground Floor									
	Hostel Room	24.00	7.15	2.85	1.00	489.06				
		24.00	4.57	2.85	1.00	312.47				

Dinning Hall	2.00	9.90	2.85	1.00	56.43						
	2.00	13.72	2.85	1.00	78.20						
Kitchen	2.00	9.45	2.85	1.00	53.84						
	2.00	7.01	2.85	1.00	39.94						
Washing Area	2.00	4.26	2.85	1.00	24.30						
	2.00	3.35	2.85	1.00	19.09						
Servant Room	2.00	3.35	2.85	1.00	19.09						
	2.00	3.35	2.85	1.00	19.09						
Servant Room Toilet Area	2.00	3.40	2.85	1.00	19.38						
	2.00	2.40	2.85	1.00	13.68						
L.toilet Area	2.00	3.40	2.85	1.00	19.38						
	2.00	2.40	2.85	1.00	13.68						
G.Toilet Area	2.00	3.65	2.85	1.00	20.81						
	2.00	1.50	2.85	1.00	8.55						
W.C.	8.00	2.30	2.85	1.00	52.44						
	8.00	1.50	2.85	1.00	34.20						
Entrance lobby	2.00	7.92	2.85	1.00	45.14						
	1.00	7.80	2.85	1.00	22.23						
Passage	1.00	30.45	2.85	1.00	86.78						
	1.00	3.35	2.85	1.00	9.55						
Passage	1.00	30.90	2.85	1.00	88.07						
	1.00	3.35	2.85	1.00	9.55						
Passage	1.00	17.80	2.85	1.00	50.73						
	1.00	3.35	2.85	1.00	9.55						
Passage	1.00	14.75	2.85	1.00	42.03						
	1.00	3.35	2.85	1.00	9.55						
Backside Staircase area	2.00	6.00	2.85	1.00	34.20						
	2.00	3.80	2.85	1.00	21.66						
Passage Area	1.00	6.40	2.85	1.00	18.24						
	1.00	3.40	2.85	1.00	9.69						
Bath	24.00	2.13	2.85	1.00	145.64						
	24.00	1.52	2.85	1.00	103.93						

(B) First Floor															
Hostel Room	24.00	7.15	2.85	1.00	489.06										
	24.00	4.57	2.85	1.00	312.47										
Bath	32.00	2.13	2.85	1.00	194.19										
	32.00	1.52	2.85	1.00	138.58										
WC	32.00	1.52	2.85	1.00	138.58										
	32.00	1.52	2.85	1.00	138.58										
Entrance lobby	2.00	7.92	2.85	1.00	45.14										
	1.00	7.80	2.85	1.00	22.23										
Passage	1.00	30.45	2.85	1.00	86.78										
	1.00	3.35	2.85	1.00	9.55										
Passage	1.00	30.90	2.85	1.00	88.07										
	1.00	3.35	2.85	1.00	9.55										
Passage	1.00	17.80	2.85	1.00	50.73										
	1.00	3.35	2.85	1.00	9.55										
Passage	1.00	14.75	2.85	1.00	42.03										
	1.00	3.35	2.85	1.00	9.55										
Backside Staircase area	2.00	6.00	2.85	1.00	34.20										
	2.00	3.80	2.85	1.00	21.66										
Passage Area	1.00	6.40	2.85	1.00	18.24										
	1.00	3.40	2.85	1.00	9.69										
Doormitory	4.00	9.75	2.85	1.00	111.16										
	4.00	6.40	2.85	1.00	72.96										
Toilet Area	2.00	5.80	2.85	1.00	33.06										
	2.00	5.20	2.85	1.00	29.64										
Deduction W1	-16.00	1.80	1.50	1.00	-43.20										
Deduction V1	-24.00	0.90	0.90	1.00	-19.44										

	Deduction W2	-8.00	1.20	0.90	1.00	-8.64							
	Deduction D2	- 32.0 0	0.90	2.10	1.00	-60.48							
	Deduction D1	- 26.0 0	1.50	2.10	1.00	-81.90							
	Hostel Room	12.0 0	7.15	4.27	1.00	366.22							
	Doormitory	2.00	9.75	6.10	1.00	118.96							
					Total Qty	2386.7 7	Sq m						
27	Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:3 without neeru finish to concrete surface in all positions including scaffolding and curing etc. complete.												
	SSR 2022-23 Item no.32.02												
	(A) Ground Floor												
	S1	12.0 0	6.85	4.27	1.00	350.85							
	S2	1.00	6.80	4.80	1.00	32.64							
	S3	1.00	6.80	4.80	1.00	32.64							
	S4	1.00	6.80	4.80	1.00	32.64							
	S5	1.00	6.80	4.80	1.00	32.64							
	S6	1.00	9.15	6.71	1.00	61.35							
	S7	1.00	3.96	3.05	1.00	12.08							
	S8	1.00	3.05	3.05	1.00	9.30							
	S9	2.00	3.10	2.10	1.00	13.02							
	S10	2.00	3.10	2.10	1.00	13.02							
	S11	1.00	3.35	1.20	1.00	4.02							
	S12	4.00	2.00	1.20	1.00	9.60							
	S13	1.00	7.62	7.50	1.00	57.15							
	S14	6.00	5.10	3.05	1.00	93.33							
	S15	6.00	5.10	3.05	1.00	93.33							
	S16	4.00	4.60	3.05	1.00	56.12							
	S17	3.00	5.10	3.05	1.00	46.67							
	S18	1.00	5.70	3.50	1.00	19.95							

	S19	1.00	6.10	3.10	1.00	18.91							
	S20	1.00	7.60	7.50	1.00	57.00							
	S21	1.00	7.60	7.50	1.00	57.00							
	Landing	2.00	3.50	2.10	1.00	14.70							
						Total Qty	1117.95	Sq m					
	(B) First Floor												
	S1	12.00	6.85	4.27	1.00	350.85							
	S2	1.00	6.80	4.80	1.00	32.64							
	S3	1.00	6.80	4.80	1.00	32.64							
	S4	1.00	6.80	4.80	1.00	32.64							
	S5	1.00	6.80	4.80	1.00	32.64							
	S6	1.00	9.15	6.71	1.00	61.35							
	S7	1.00	3.96	3.05	1.00	12.08							
	S8	1.00	3.05	3.05	1.00	9.30							
	S9	4.00	3.10	2.10	1.00	26.04							
	S10	2.00	3.10	2.10	1.00	13.02							
	S11	1.00	3.35	1.20	1.00	4.02							
	S12	4.00	2.00	1.20	1.00	9.60							
	S13	1.00	7.62	7.50	1.00	57.15							
	S14	6.00	5.10	3.05	1.00	93.33							
	S15	6.00	5.10	3.05	1.00	93.33							
	S16	4.00	4.60	3.05	1.00	56.12							
	S17	3.00	5.10	3.05	1.00	46.67							
	S18	1.00	5.70	3.50	1.00	19.95							
	S19	1.00	6.10	3.10	1.00	18.91							
	S20	1.00	7.60	7.50	1.00	57.00							
	S21	1.00	7.60	7.50	1.00	57.00							
	Landing	2.00	3.50	2.10	1.00	14.70							
						Total Qty	1130.97	Sq m					

		2.00	3.50	2.85	1.00	19.95							
	Passage Area	2.00	6.10	2.85	1.00	34.77							
		2.00	3.10	2.85	1.00	17.67							
				Total Qty		767.60	Sq						
							m						
29	Providing internal cement plaster 20mm thick in Single coats in cement mortar 1:4 without neeru finish, to concrete, brick surface, in all positions including scaffolding and curing etc.complete.												
	SSR 2022-23 Item no.32.07												
	(A) Ground Floor												
	Hostel Room	24.00	7.15	2.85	1.00	489.06							
		24.00	4.57	2.85	1.00	312.47							
	Dinning Hall	2.00	9.90	2.85	1.00	56.43							
		2.00	13.72	2.85	1.00	78.20							
	Kitchen	2.00	9.45	2.85	1.00	53.84							
		2.00	7.01	2.85	1.00	39.94							
	Washing Area	2.00	4.26	2.85	1.00	24.30							
		2.00	3.35	2.85	1.00	19.09							
	Servant Room	2.00	3.35	2.85	1.00	19.09							
		2.00	3.35	2.85	1.00	19.09							
	Servant Room Toilet Area	2.00	3.40	2.85	1.00	19.38							
		2.00	2.40	2.85	1.00	13.68							
	L.toilet Area	2.00	3.40	2.85	1.00	19.38							
		2.00	2.40	2.85	1.00	13.68							
	G.Toilet Area	2.00	3.65	2.85	1.00	20.81							
		2.00	1.50	2.85	1.00	8.55							
	W.C.	8.00	2.30	2.85	1.00	52.44							
		8.00	1.50	2.85	1.00	34.20							
	Entrance lobby	2.00	7.92	2.85	1.00	45.14							
		1.00	7.80	2.85	1.00	22.23							
	Bath	24.00	2.13	2.85	1.00	145.64							
		24.00	1.52	2.85	1.00	103.93							

		0																	
	WC	24.0 0	1.52	2.85	1.00	103.93													
		24.0 0	1.52	2.85	1.00	103.93													
	Deduction D1	- 26.0 0	1.50	2.10	1.00	-81.90													
	Deduction D2	- 30.0 0	0.90	2.10	1.00	-56.70													
	Deduction W1	- 15.0 0	1.80	1.50	1.00	-40.50													
	Deduction V1	- 26.0 0	0.90	0.90	1.00	-21.06													
	Deduction W2	-3.00	2.10	1.50	1.00	-9.45													
	Deduction W3	-4.00	2.30	1.50	1.00	-13.80													
						Total Qty	1595.0	4	Sq	m									
	(B) First Floor																		
	Hostel Room	24.0 0	7.15	2.85	1.00	489.06													
		24.0 0	4.57	2.85	1.00	312.47													
	Bath	32.0 0	2.13	2.85	1.00	194.19													
		32.0 0	1.52	2.85	1.00	138.58													
	WC	32.0 0	1.52	2.85	1.00	138.58													
		32.0 0	1.52	2.85	1.00	138.58													
	Entrance lobby	2.00	7.92	2.85	1.00	45.14													
		1.00	7.80	2.85	1.00	22.23													
	Backside Staircase area	2.00	6.00	2.85	1.00	34.20													
		2.00	3.80	2.85	1.00	21.66													
	Doormitory	4.00	9.75	2.85	1.00	111.16													
		4.00	6.40	2.85	1.00	72.96													

G.Toilet Area	2.00	3.65	2.85	1.00	20.81					
	2.00	1.50	2.85	1.00	8.55					
W.C.	8.00	2.30	2.85	1.00	52.44					
	8.00	1.50	2.85	1.00	34.20					
Entrance lobby	2.00	7.92	2.85	1.00	45.14					
	1.00	7.80	2.85	1.00	22.23					
Passage	2.00	30.45	2.85	1.00	173.57					
	2.00	3.35	2.85	1.00	19.10					
Passage	2.00	30.90	2.85	1.00	176.13					
	2.00	3.35	2.85	1.00	19.10					
Passage	2.00	17.80	2.85	1.00	101.46					
	2.00	3.35	2.85	1.00	19.10					
Passage	2.00	14.75	2.85	1.00	84.05					
	2.00	3.35	2.85	1.00	19.10					
Backside Staircase area	2.00	6.00	2.85	1.00	34.20					
	2.00	3.80	2.85	1.00	21.66					
Passage Area	2.00	6.40	2.85	1.00	36.48					
	2.00	3.40	2.85	1.00	19.38					
Bath	24.00	2.13	2.85	1.00	145.64					
	24.00	1.52	2.85	1.00	103.93					
WC	24.00	1.52	2.85	1.00	103.93					
	24.00	1.52	2.85	1.00	103.93					
Deduction D1	-26.00	1.50	2.10	1.00	-81.90					
Deduction D2	-30.00	0.90	2.10	1.00	-56.70					
Deduction W1	-15.00	1.80	1.50	1.00	-40.50					
Deduction V1	-26.00	0.90	0.90	1.00	-21.06					

	Deduction W2	-3.00	2.10	1.50	1.00	-9.45							
	Deduction W3	-4.00	2.30	1.50	1.00	-13.80							
				Total Qty		2318.35	Sq m						
	(B) First Floor												
	Hostel Room	24.00	7.15	2.85	1.00	489.06							
		24.00	4.57	2.85	1.00	312.47							
	Bath	32.00	2.13	2.85	1.00	194.19							
		32.00	1.52	2.85	1.00	138.58							
	WC	32.00	1.52	2.85	1.00	138.58							
		32.00	1.52	2.85	1.00	138.58							
	Entrance lobby	2.00	7.92	2.85	1.00	45.14							
		1.00	7.80	2.85	1.00	22.23							
	Passage	2.00	30.45	2.85	1.00	173.57							
		2.00	3.35	2.85	1.00	19.10							
	Passage	2.00	30.90	2.85	1.00	176.13							
		2.00	3.35	2.85	1.00	19.10							
	Passage	2.00	17.80	2.85	1.00	101.46							
		2.00	3.35	2.85	1.00	19.10							
	Passage	2.00	14.75	2.85	1.00	84.05							
		2.00	3.35	2.85	1.00	19.10							
	Backside Staircase area	2.00	6.00	2.85	1.00	34.20							
		2.00	3.80	2.85	1.00	21.66							
	Passage Area	2.00	6.40	2.85	1.00	36.48							
		2.00	3.40	2.85	1.00	19.38							
	Doormitory	4.00	9.75	2.85	1.00	111.16							
		4.00	6.40	2.85	1.00	72.96							
	Toilet Area	2.00	5.80	2.85	1.00	33.06							
		2.00	5.20	2.85	1.00	29.64							
	Deduction W1	-16.0	1.80	1.50	1.00	-43.20							

33	Providing patti/ band 150mm wide on plastered surface 12 mm to 15 mm thick in C.M. 1:3 line and level including neat finishing scaffolding curing etc. complete.																		
	SSR 2022-23 Item no.32.25																		
	(B) First Floor																		
		1.00	1100.00	1.00	1.00	1100.00													
				Total Qty		1000.00	Rmt												
34	Providing and fixing chicken mesh of 22 gauge, with about 30 cm. width at the junction of R.C.C members and brick work, of approved quality including fixing mesh in position by necessary drilling in concrete /B.B.masonry and or tying by binding wire etc. complete.																		
	SSR 2022-23 Item no.32.26																		
		1.00	1100.00	1.00	1.00	1100.00													
				Total Qty		1100.00	Rmt												
35	Providing and laying machine cut machine Polished Kota stone flooring 25mm to 30mm thick and required width in plain/ diamond pattern on bed of 1:6 C. M. including cement float, filling joints with neat cement slurry, curing, polishing and cleaning etc. complete.																		
	SSR 2022-23 Item no.33.06																		
	(A) Ground Floor																		
	Passage	1.00	80.00	3.05	1.00	243.90													
				Total Qty		243.90	Sq m												
	(B) First Floor																		
	Passage	1.00	80.00	3.05	1.00	243.90													
				Total Qty		243.90	Sq m												
36	Providing and laying handcut polished Kotah Stone flooring 25mm to 30mm thick and 30cm wide in plain/diamond pattern on a bed of 1:6 C.M. including cement float, filling joints with neat cement slurry, curing, polishing and cleaning etc. complete.																		
	SSR 2022-23 Item no.33.07																		
	(A) Ground Floor																		
		0.00	0.00	0.00	0.00	0.00													
				Total Qty		0.00	Sq m												

	(B) First Floor																		
		0.00	0.00	0.00	0.00	0.00													
				Total Qty	0.00	Sq m													
37	Providing and fixing heavy duty inter locking concrete RUBBER MOULD GLOSSY PAVING BLOCKS of 60 millimeter thickness of having a strength of 400 Kilogram/sq.m of approved quality and shape on a bed of crushed sand of 25 to 30 millimeter thick including striking joints and cleaning etc. complete. (using 100% crushed sand)																		
	SSR 2022-23 Item no.33.53																		
		1.00	15.00	10.00	1.00	150.00													
				Total Qty	150.00	Sq m													
38	Providing and laying Rough Shahabad Stone Flooring 25mm to 30mm thick and of required width in plain/ diamond pattern on a bed of 1:6 C.M. including cement float, striking joints, pointing in cement mortar 1:3 curing and cleaning etc. complete.																		
	SSR 2022-23 Item no.33.01																		
	Open Terrace	1.00	9.10	3.05	1.00	27.76													
				Total Qty	27.76	Sq m													
39	Providing and preparing kitchen otta up to 75 cm width,made up from 30 mm thick and 75 cm high vertical support for kadppa at 1 m. c/c of 25 mm thick both side polished kadappa middle shelf and bottom of 20 mm thick one side polished kadappa with facia patti of 20 x 50 mm kadappa including all material labour cutting fixing with cement mortar and araldite curing polished and cleaning etc. complete.																		
	SSR 2022-23 Item no.33.38																		
	Kitchen	1.00	12.50	0.90	1.00	11.25													
				Total Qty	11.25	Sq m													
40	Providing and laying Antiskid Ceramic tiles of approved quality of size 30 cm x 30 cm and confirming to IS 15622-2006 (Group-B IIA) for antiskid flooring in required position laid on a bed of 1:4 cement mortar including cement float, filling joint with cement slurry cleaning curing etc. complete.																		
	SSR 2022-23 Item no.33.67																		
	(A) Ground Floor																		
	WC	14.00	1.22	1.22	1.00	20.84													
	Bath	14.00	1.83	1.22	2.00	62.51													
	L.Toilet	2.00	3.10	2.10	3.00	39.06													

	G.Toilet	1.00	3.35	1.20	4.00	16.08								
				Total Qty		138.49	Sq m							
	(B) First Floor													
	WC	16.00	1.22	1.22	1.00	23.81								
	Bath	16.00	1.83	1.22	2.00	71.44								
				Total Qty		95.26	Sq m							
41	Providing and laying ceramic tiles having size 30 cm. x 45 cm. confirming to corresponding I.S. for dado and skirting in required position with readymade adhesive mortar of approved quality on plaster of 1:2 cement mortar including joint filling with white/ colour cement slurry cleaning curing etc. complete.													
	SSR 2022-23 Item no.33.26													
	(A) Ground Floor													
	Hostel Room	12.00	7.15	4.57	1.00	391.96								
	Dinning Hall	1.00	9.88	13.71	1.00	135.50								
	Kitchen	1.00	9.45	7.01	1.00	66.19								
	Washing Area	1.00	4.26	3.35	1.00	14.28								
	Servant Room	1.00	3.35	3.35	1.00	11.21								
				Total Qty		619.15	Sq m							
	(B) First Floor													
	Hostel Room	12.00	7.15	4.57	1.00	391.96								
	Doormitory	2.00	9.75	6.40	1.00	124.82								
				Total Qty		516.78	Sq m							
42	Providing and laying telephone black / Amba White / Cadburybrown / Ruby red / Ocean Brown granite stone of 18 to 20 mm thick for door frame/ dado/ window boxing etc. On C.M. 1:6 including filling joints with polymer base filler nosing/moulding the sharp edges wherever necessary, curing, etc. complete.													
	SSR 2022-23 Item no.33.68													
	(A) Ground Floor													
	D1	15.00	1.20	2.10	1.00	37.80								
	D2	15.00	0.60	2.10	1.00	18.90								

		0												
	W1	10.00	1.50	1.50	1.00	22.50								
	V1	20.00	0.60	0.90	1.00	10.80								
	W2	3.00	1.80	1.50	1.00	8.10								
	W3	4.00	2.00	1.50	1.00	12.00								
						Total Qty	110.10	Sq m						
	(B) First Floor													
	W1	15.00	1.50	1.50	1.00	33.75								
	V1	20.00	0.60	0.90	1.00	10.80								
	W2	8.00	0.90	0.90	1.00	6.48								
	D2	15.00	0.60	2.10	1.00	18.90								
	D1	15.00	1.20	2.10	1.00	37.80								
						Total Qty	107.73	Sq m						
43	Providing and fixing machine cut machine polished 18 mm to 20 mm thick telephone black / Amba White / Cat bary brown / RBI red / Ocean Brown granite stone for treads and risers of steps and staircases of approved colour and shade with full moulding and three grooved line for the treads on bed of 1:4 Cement mortar including float filling joints with neat cement slurry curing polishing and cleaning etc. complete.													
	SSR 2022-23 Item no.33.35													
	(A) Ground Floor													
	Front Side Staircase	23.00	1.50	0.25	1.00	8.63								
		23.00	1.50	0.15	1.00	5.18								
	Back Side Staircase	23.00	1.50	0.25	1.00	8.63								
		23.00	1.50	0.15	1.00	5.18								
	Midlanding	2.00	3.10	1.50	1.00	9.30								
						Total Qty	36.90	Sq m						
	(B) First Floor													

	Front Side Staircase	23.00	1.50	0.25	1.00	8.63							
		23.00	1.50	0.15	1.00	5.18							
	Back Side Staircase	23.00	1.50	0.25	1.00	8.63							
		23.00	1.50	0.15	1.00	5.18							
	Midlanding	2.00	3.10	1.50	1.00	9.30							
							Total Qty	36.90	Sq m				
44	Providing and applying priming coat on concrete/ masonry/ Asbestos Cement plastered surfaces including scaffolding if necessary, preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and sand papering as required etc. complete.												
	SSR 2022-23 Item no.35.21												
	(A) Ground Floor												
	Hostel Room	24.00	7.15	2.85	1.00	489.06							
		24.00	4.57	2.85	1.00	312.47							
	Dinning Hall	2.00	9.90	2.85	1.00	56.43							
		2.00	13.72	2.85	1.00	78.20							
	Kitchen	2.00	9.45	2.85	1.00	53.84							
		2.00	7.01	2.85	1.00	39.94							
	Washing Area	2.00	4.26	2.85	1.00	24.30							
		2.00	3.35	2.85	1.00	19.09							
	Servant Room	2.00	3.35	2.85	1.00	19.09							
		2.00	3.35	2.85	1.00	19.09							
	Servant Room Toilet Area	2.00	3.40	2.85	1.00	19.38							
		2.00	2.40	2.85	1.00	13.68							
	L.toilet Area	2.00	3.40	2.85	1.00	19.38							
		2.00	2.40	2.85	1.00	13.68							
	G.Toilet Area	2.00	3.65	2.85	1.00	20.81							
		2.00	1.50	2.85	1.00	8.55							
	W.C.	8.00	2.30	2.85	1.00	52.44							
		8.00	1.50	2.85	1.00	34.20							

Entrance lobby	2.00	7.92	2.85	1.00	45.14						
	1.00	7.80	2.85	1.00	22.23						
Passage	2.00	30.45	2.85	1.00	173.57						
	2.00	3.35	2.85	1.00	19.10						
Passage	2.00	30.90	2.85	1.00	176.13						
	2.00	3.35	2.85	1.00	19.10						
Passage	2.00	17.80	2.85	1.00	101.46						
	2.00	3.35	2.85	1.00	19.10						
Passage	2.00	14.75	2.85	1.00	84.05						
	2.00	3.35	2.85	1.00	19.10						
Backside Staircase area	2.00	6.00	2.85	1.00	34.20						
	2.00	3.80	2.85	1.00	21.66						
Passage Area	2.00	6.40	2.85	1.00	36.48						
	2.00	3.40	2.85	1.00	19.38						
Bath	24.00	2.13	2.85	1.00	145.64						
	24.00	1.52	2.85	1.00	103.93						
WC	24.00	1.52	2.85	1.00	103.93						
	24.00	1.52	2.85	1.00	103.93						
Deduction D1	-26.00	1.50	2.10	1.00	-81.90						
Deduction D2	-30.00	0.90	2.10	1.00	-56.70						
Deduction W1	-15.00	1.80	1.50	1.00	-40.50						
Deduction V1	-26.00	0.90	0.90	1.00	-21.06						
Deduction W2	-3.00	2.10	1.50	1.00	-9.45						
Deduction W3	-4.00	2.30	1.50	1.00	-13.80						
			Total Qty		2318.35	Sq					
					m						

(B) First Floor															
Hostel Room		24.00	7.15	2.85	1.00	489.06									
		24.00	4.57	2.85	1.00	312.47									
Bath		32.00	2.13	2.85	1.00	194.19									
		32.00	1.52	2.85	1.00	138.58									
WC		32.00	1.52	2.85	1.00	138.58									
		32.00	1.52	2.85	1.00	138.58									
Entrance lobby		2.00	7.92	2.85	1.00	45.14									
		1.00	7.80	2.85	1.00	22.23									
Passage		2.00	30.45	2.85	1.00	173.57									
		2.00	3.35	2.85	1.00	19.10									
Passage		2.00	30.90	2.85	1.00	176.13									
		2.00	3.35	2.85	1.00	19.10									
Passage		2.00	17.80	2.85	1.00	101.46									
		2.00	3.35	2.85	1.00	19.10									
Passage		2.00	14.75	2.85	1.00	84.05									
		2.00	3.35	2.85	1.00	19.10									
Backside Staircase area		2.00	6.00	2.85	1.00	34.20									
		2.00	3.80	2.85	1.00	21.66									
Passage Area		2.00	6.40	2.85	1.00	36.48									
		2.00	3.40	2.85	1.00	19.38									
Doormitory		4.00	9.75	2.85	1.00	111.16									
		4.00	6.40	2.85	1.00	72.96									
Toilet Area		2.00	5.80	2.85	1.00	33.06									
		2.00	5.20	2.85	1.00	29.64									
Deduction W1		-16.00	1.80	1.50	1.00	-43.20									
Deduction V1		-24.00	0.90	0.90	1.00	-19.44									

	Passage	2.00	30.45	2.85	1.00	173.57						
		2.00	3.35	2.85	1.00	19.10						
	Passage	2.00	30.90	2.85	1.00	176.13						
		2.00	3.35	2.85	1.00	19.10						
	Passage	2.00	17.80	2.85	1.00	101.46						
		2.00	3.35	2.85	1.00	19.10						
	Passage	2.00	14.75	2.85	1.00	84.05						
		2.00	3.35	2.85	1.00	19.10						
	Backside Staircase area	2.00	6.00	2.85	1.00	34.20						
		2.00	3.80	2.85	1.00	21.66						
	Passage Area	2.00	6.40	2.85	1.00	36.48						
		2.00	3.40	2.85	1.00	19.38						
	Bath	24.00	2.13	2.85	1.00	145.64						
		24.00	1.52	2.85	1.00	103.93						
	WC	24.00	1.52	2.85	1.00	103.93						
		24.00	1.52	2.85	1.00	103.93						
	Deduction D1	-26.00	1.50	2.10	1.00	-81.90						
	Deduction D2	-30.00	0.90	2.10	1.00	-56.70						
	Deduction W1	-15.00	1.80	1.50	1.00	-40.50						
	Deduction V1	-26.00	0.90	0.90	1.00	-21.06						
	Deduction W2	-3.00	2.10	1.50	1.00	-9.45						
	Deduction W3	-4.00	2.30	1.50	1.00	-13.80						
				Total Qty		2318.35	Sq m					
	(B) First Floor											
	Hostel Room	24.00	7.15	2.85	1.00	489.06						

		24.00	4.57	2.85	1.00	312.47						
	Bath	32.00	2.13	2.85	1.00	194.19						
		32.00	1.52	2.85	1.00	138.58						
	WC	32.00	1.52	2.85	1.00	138.58						
		32.00	1.52	2.85	1.00	138.58						
	Entrance lobby	2.00	7.92	2.85	1.00	45.14						
		1.00	7.80	2.85	1.00	22.23						
	Passage	2.00	30.45	2.85	1.00	173.57						
		2.00	3.35	2.85	1.00	19.10						
	Passage	2.00	30.90	2.85	1.00	176.13						
		2.00	3.35	2.85	1.00	19.10						
	Passage	2.00	17.80	2.85	1.00	101.46						
		2.00	3.35	2.85	1.00	19.10						
	Passage	2.00	14.75	2.85	1.00	84.05						
		2.00	3.35	2.85	1.00	19.10						
	Backside Staircase area	2.00	6.00	2.85	1.00	34.20						
		2.00	3.80	2.85	1.00	21.66						
	Passage Area	2.00	6.40	2.85	1.00	36.48						
		2.00	3.40	2.85	1.00	19.38						
	Doormitory	4.00	9.75	2.85	1.00	111.16						
		4.00	6.40	2.85	1.00	72.96						
	Toilet Area	2.00	5.80	2.85	1.00	33.06						
		2.00	5.20	2.85	1.00	29.64						
	Deduction W1	-16.00	1.80	1.50	1.00	-43.20						
	Deduction V1	-24.00	0.90	0.90	1.00	-19.44						
	Deduction W2	-8.00	1.20	0.90	1.00	-8.64						
	Deduction D2	-32.00	0.90	2.10	1.00	-60.48						

		0												
	Deduction D1	- 26.0 0	1.50	2.10	1.00	-81.90								
						Total Qty	2235.31	Sq m						
46	Providing and applying two coats of exterior acrylic emulsion paint conforming to corresponding I.S. of approved manufacture and of approved colour to the plastered surfaces including cleaning ,preparing the plaster surface, applying primer coat ,scaffolding if necessary , and watering the surface for two days etc complete.													
	SSR 2022-23 Item no.35.25													
	(A) Ground Floor													
	Long Wall	2.00	35.50	4.50	1.00	319.50								
	Short Wall	2.00	38.00	4.50	1.00	342.00								
						Total Qty	661.50	Sq m						
	(B) First Floor													
	Long Wall	2.00	35.50	4.70	1.00	333.70								
	Short Wall	2.00	38.00	4.70	1.00	357.20								
	OHWT	2.00	5.00	2.10	1.00	21.00								
		2.00	3.50	2.10	1.00	14.70								
						Total Qty	726.60	Sq m						
47	Providing and fixing self supporting steel roofing system for a Godown or alike made up of structural grade steel sheet of 912 millimeter width (tolerance + / - 2 millimeter), moulded at site using mechanical press dies to the desired curve and shape to form 605 millimeter wide interlocking panels . The interlocking panels shall be pressed to close the seam forming water tight joints for a span of 28.75 meter having arch rise as 5.75 meter, arch length 33.92 meter. The base material made up of imported galvalume steel complying to ASTM A792 having base metal thickness of 1.40 millimeter (tolerace + / - 0.02 millimeter) with alloy coating AZ 150 and paint coating of regular modified polyster , top coat 25 micron and bottom coat 12 micron as perapproved colour , including fixing hangers , clamps etc.as may be necessary of Proflex standard, including fixing sky light of 2 millimeter thick polycarbonate sheet of size 2' x 14' and turbo ventilator of 24" diameter to be installed at every 30 feet along the length of roof including finishing , testing and cleaning etc. complete.													
	SSR 2022-23 Item no.38.44													
		1.00	14.35	11.25	1.00	161.44								
						Total Qty	161.44	Sq m						

48	Providing and fixing solid core flush door shutter in single leaf 32 mm thick decorative type of exterior grade as per detailed drawings approved face veneers 3 mm thick on both faces or as directed, all necessary beads, mouldings and lipping, wrought iron hold fasts, chromium plated fixtures and fastenings, with brass mortise lock, chromium plated handles on both sides, and finishing with French Polish etc. complete.														
	SSR 2022-23 Item no.39.09														
	(A) Ground Floor														
	D2	30.00	0.60	2.10	1.00	37.80									
				Total Qty		37.80	Sq m								
	(B) First Floor														
	D2	32.00	0.60	2.10	1.00	40.32									
				Total Qty		40.32	Sq m								
49	Providing and fixing M40 grade thick vibrated pull cast or similar type concrete frame with chamfer conforming to I.S. 65241983 having 6 mm dia. bars 3 Nos. And stirrups @250 mm c/c and fixing in wall with 6 Nos of hold fast of 12 mm dia bars 500 mm long including primer and oil painting etc, complete) frame size 60 mm x 100 mm .														
	SSR 2022-23 Item no.39.56														
	(A) Ground Floor														
		1.00	50.00	1.00	1.00	50.00									
				Total Qty		50.00	Rmt								
	(B) First Floor														
		1.00	50.00	1.00	1.00	50.00									
				Total Qty		50.00	Rmt								
50	Providing and Fixing 30 MM thick BOTH SIDE PRELAMINATED SOLID PANEL PVC DOOR SHUTTER consisting of frame made out of M.S tubes of 19 guage thickness and, size 19 x 19 mm for styles and 15 x15 mm for the top and bottom rails, M.S frame shall have a coat of metel primer of approved make and manufacture. M.S frame shall be covered with heat moulded PVC 'C' channel made from 5 mm (+/0.25) thick prelaminated sheet of density 600 Kilogram/cbm ,of size 30mm thickness 70mm width out of which 50mm shall be flat and 20mm shall be tapered in 45? angle on either side forming stiles ; and 5 mm thick ,95 mm wide PVC sheet out of which 75 mm shall be falt and 20 mm shall be tapered in 45 on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be falt and 20 mm shall be tapered on both sides to form lock rail.Top,bottom and lock rail shall be provided either side of the panel. An additional 5 mm (+/0.25) thick PVC strip of 20 mm width is to be stuck on the bottom side of the ' c ' channel prelaminated paneling of 5 mm (+/0.25) thick PVC sheet to be fitted inside the M.S. frame welded/ sealed to the styles and rails with 5 mm (+/0.25) x 30 mm PVC sheet beading on either side and joined together with solvent cement adhesive etc ,10 mm thickness (5 mm (+/0.25) x 2 nos) 20 mm wide cross PVC sheet as gap insert for the rail and bottom rail. Door to be fixed to frames with 3 nos M.S.powder coated but hinges of size 100 mm x 25MM x 2mm using 32 mm long steel screws drilled suitable to pass through both the walls of the M.S tube. Other hardwares														
	SSR 2022-23 Item no.39.47														

	(A) Ground Floor																			
	D1	26.00	1.20	2.10	1.00	65.52														
				Total Qty		65.52	Sq m													
	(B) First Floor																			
	D1	26.00	1.20	2.10	1.00	65.52														
				Total Qty		65.52	Sq m													
51	Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 Kilogram/One Running Metre. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 Kilogram/One Running Metre.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 Kilogram/Running metre. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 Kilogram/One Running Metre. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 Kilogram/Running metre. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 Kilogram/Running metre. As per detailed drawings and as directed by Engineerincharge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With powder coating with box																			
	SSR 2022-23 Item no.39.43																			
	(A) Ground Floor																			
	W1	15.00	1.50	1.50	1.00	33.75														
	V1	26.00	0.60	0.90	1.00	14.04														
	W2	3.00	1.80	1.50	1.00	8.10														
	W3	4.00	2.00	1.50	1.00	12.00														
				Total Qty		67.89	Sq m													
	(B) First Floor																			
	W1	16.00	1.50	1.50	1.00	36.00														
	V1	24.00	0.60	0.90	1.00	12.96														
	W4	8.00	0.90	0.90	1.00	6.48														
				Total Qty		55.44	Sq m													
52	Providing and fixing in position powder coated aluminium louvered windows / ventilator of various sizes with powder coating as per detailed drawing and specifications including aluminium frames 80 x 38 mm x 1.22 mm box type, 5 mm thick sheet glass louvers, of approved quality etc. complete.																			

	SSR 2022-23 Item no.39.68																			
	(A) Ground Floor																			
	W	1.00	4.50	2.10	1.00	9.45														
				Total Qty		9.45	Sq m													
	(B) First Floor																			
	W	5.00	1.20	2.10	1.00	12.60														
				Total Qty		12.60	Sq m													
53	Providing and fixing mild steel grill work for windows, ventilators etc. 20 Kilogram/ One Square Metre as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete.																			
	SSR 2022-23 Item no.40.01																			
	(A) Ground Floor																			
	W1	15.00	1.50	1.50	1.00	33.75														
	V1	26.00	0.60	0.90	1.00	14.04														
	W2	3.00	1.80	1.50	1.00	8.10														
	W3	4.00	2.00	1.50	1.00	12.00														
				Total Qty		67.89	Sq m													
	(B) First Floor																			
	W1	16.00	1.50	1.50	1.00	36.00														
	V1	24.00	0.60	0.90	1.00	12.96														
	W4	8.00	0.90	0.90	1.00	6.48														
				Total Qty		55.44	Sq m													
54	Providing and Fixing mat finish stainless steel (of 302 grade) railing with top pipe of 50 mm dia. and vertical pipe of 38 mm dia at 0.60 m c/c or as required and horizontal pipes of 25 mm dia in three rows, all pipes of 2 mm thick including buffing,fabricating fixtures and fastening including pipe base of appropriate diameter and ball base of 75 mm dia above newel post of 75 mm diameter etc. complete (Prior approval of sample and brand by Ex.Engineer is necessary before use)																			
	SSR 2022-23 Item no.40.08																			
	(A) Ground Floor																			
		1.00	140.0	1.00	1.00	140.00														

			0																
						Total Qty	140.00	Rmt											
	(B) First Floor																		
		1.00	150.00	1.00	1.00	150.00													
						Total Qty	150.00	Rmt											
55	Providing preconstructional antitermite treatment as per I.S. 6313 (Part-II) by treating the bottom surface and sides of excavation at the rate of 5 litres of emulsion concentrate of 1.0 percent of chlorophyrifos per square meter of surface area covering 10 years guarantee on bond paper.																		
	SSR 2022-23 Item no.21.22																		
	Hostel Room	12.00	7.15	4.55	1.00	390.23													
	Dinning Hall	1.00	9.88	13.71	1.00	135.50													
	Kitchen	1.00	9.45	7.01	1.00	66.19													
	Washing Area	1.00	4.26	3.35	1.00	14.28													
	Servant Room	1.00	3.35	3.35	1.00	11.21													
	Servant Room Toilet Area	1.00	3.40	2.40	1.00	8.16													
	L.toilet Area	1.00	3.40	2.40	1.00	8.16													
	G.Toilet Area	1.00	3.65	1.50	1.00	5.48													
	W.C.	4.00	2.30	1.50	1.00	13.80													
	Entrance lobby	1.00	7.92	7.80	1.00	61.78													
	Passage	1.00	30.45	3.35	1.00	102.01													
	Passage	1.00	30.90	3.35	1.00	103.52													
	Passage	1.00	17.80	3.35	1.00	59.63													
	Passage	1.00	14.75	3.35	1.00	49.40													
	Backside Staircase area	1.00	6.00	3.80	1.00	22.80													
	Passage Area	1.00	6.40	3.40	1.00	21.76													
						Total Qty	1073.91	Sq m											
56	Providing antitermite treatment around the periphery of the existing building as per I.S. 6313 (Part-III) by excavating trenches of 20cm width and exposing the sides of columns and plinth beams upto a depth of 300mm and injecting one percent of chlorodane emulsion concentrate at the rate of 2.25 litres per One Running Metre and refilling the trenches etc. complete covering 2 years guarantee on bond paper.																		
	SSR 2022-23 Item no.21.29																		

		1.00	148.00	1.00	1.00	148.00							
				Total Qty		148.00	Rmt						
57	Providing cement based water proofing treatment to terraces (Indian water proofing or alike) with brick bats laid in required slope to drain the water for any span after cleaning the base surface. Applying a coat of cement slurry admixed with approved water proofing compound and laying the brick bats on bottom layer in C.M.1:5 admixed with approved water proofing compound filling up to half depth of brick bats, curing this layer for 3 days, applying cement slurry over this layer joints of brick bats with C.M.1:3 admixed with approved water proofing compound and finally top finishing with average 20 mm. thick layers of same mortar added with jute fiber at 1Kilogramper bag including finishing the surface smooth with cement slurry admixed with approved water proofing compound. Marking finished surface with false squares of 300mm x 300 mm. making the junctions at the parapet rounded and tapered top for required height, with drip mould at the junction of plaster and parapet and curing and covering 10 years Guarantee against leakproofness on Court fee stamp paper of Rs. 500/- including ponding test etc. complete.												
	SSR 2022-23 Item no.31.04												
	(B) First Floor												
	Terrace	1.00	35.50	38.00	1.00	1349.00							
				Total Qty		1349.00	Sq mt						
58	Providing and laying damp proof course 50 mm thick in M20 cement concrete layer and bitumen / using cement with waterproofing compound curing, formwork etc. complete.												
	SSR 2022-23 Item no.31.01												
	GB1	2.00	4.80	0.23	1.00	2.21							
	GB1	5.00	5.10	0.23	1.00	5.87							
	GB1	3.00	4.17	0.23	1.00	2.88							
	GB1	1.00	4.00	0.23	1.00	0.92							
	GB1	3.00	4.27	0.23	1.00	2.95							
	GB1	4.00	4.87	0.23	1.00	4.48							
	GB1	1.00	3.55	0.23	1.00	0.82							
	GB2	14.00	3.21	0.23	1.00	10.34							
	GB2	3.00	2.25	0.23	1.00	1.55							
	GB2	4.00	4.17	0.23	1.00	3.84							
	GB2	22.00	2.92	0.23	1.00	14.78							
	GB2	6.00	2.39	0.23	1.00	3.30							
	GB2	4.00	4.27	0.23	1.00	3.93							

GB2	2.00	5.10	0.23	1.00	2.35						
GB2	2.00	2.52	0.23	1.00	1.16						
GB2	10.00	3.00	0.23	1.00	6.90						
GB2	1.00	2.70	0.23	1.00	0.62						
GB3	8.00	0.75	0.23	1.00	1.38						
GB4	7.00	5.10	0.23	1.00	8.21						
GB4	1.00	5.47	0.23	1.00	1.26						
GB5	8.00	2.92	0.23	1.00	5.37						
GB5	25.00	2.39	0.23	1.00	13.74						
GB5	5.00	3.00	0.23	1.00	3.45						
GB5	1.00	2.59	0.23	1.00	0.60						
GB5	1.00	5.62	0.23	1.00	1.29						
GB5	6.00	1.75	0.23	1.00	2.42						
GB6	1.00	6.20	0.23	1.00	1.43						
GB6	1.00	5.10	0.23	1.00	1.17						
GB6	1.00	5.84	0.23	1.00	1.34						
GB7	6.00	1.07	0.23	1.00	1.48						
GB7	6.00	0.90	0.23	1.00	1.24						
GB7	5.00	1.12	0.23	1.00	1.29						
GB7	3.00	1.67	0.23	1.00	1.15						
GB8	1.00	2.94	0.23	1.00	0.68						
GB8	1.00	3.07	0.23	1.00	0.71						
GB9	1.00	5.62	0.23	1.00	1.29						
GB10	7.00	1.65	0.23	1.00	2.66						
GB10	1.00	2.02	0.23	1.00	0.46						
GB10	1.00	1.37	0.23	1.00	0.32						
GB10	1.00	1.81	0.23	1.00	0.42						
GB11	1.00	0.75	0.23	1.00	0.17						
GB12	1.00	5.47	0.23	1.00	1.26						
GB13	10.00	0.75	0.23	1.00	1.73						
GB14	10.00	5.47	0.23	1.00	12.58						

	GB15	1.00	0.75	0.23	1.00	0.17								
	GB16	1.00	1.35	0.23	1.00	0.31								
	GB17	1.00	2.00	0.23	1.00	0.46								
	GB18	1.00	3.55	0.23	1.00	0.82								
	GB18	1.00	0.75	0.23	1.00	0.17								
	GB19	1.00	2.18	0.23	1.00	0.50								
	GB20	1.00	0.75	0.23	1.00	0.17								
	GB21	1.00	5.47	0.23	1.00	1.26								
	GB22	1.00	1.70	0.23	1.00	0.39								
	GB23	1.00	4.15	0.23	1.00	0.95								
	GB24	1.00	2.25	0.23	1.00	0.52								
	GB25	1.00	4.20	0.23	1.00	0.97								
	GB26	1.00	2.25	0.23	1.00	0.52								
	GB27	1.00	4.20	0.23	1.00	0.97								
	GB28	1.00	2.65	0.23	1.00	0.61								
	GB28	1.00	5.10	0.23	1.00	1.17								
	Passage Area	1.00	60.00	0.30	1.00	18.00								
					Total Qty	165.91	Sq	mt						
59	Providing waterproofing in W.C. and bath including brick bat coba in all position including providing and laying 12mm bedding in cement mortar 1:3 on vergin concrete slab with waterproofing compound @ 1Kilogram/per bag of cement laying brick bat coba of required thickness in cm 1:5 with waterproofing compound 1 Kilogram/bag of cement grouting and finishing the top layer with 20mm thick brick bedding in cm mortar 1:3 with waterproofing compound 1 Kilogram/per bag of cement and testing the treated portion for 48 hours by pond test and covering ten years' guarantee on requisite stamp paper including curing etc. complete.													
	SSR 2022-23 Item no.31.26													
	(A) Ground Floor													
	WC	12.00	1.20	1.20	1.00	17.28								
	BATH	12.00	1.80	1.20	1.00	25.92								
	L.Toilet	2.00	3.10	2.10	1.00	13.02								
	G.Toilet	1.00	3.35	1.20	1.00	4.02								
	L.Toilet WC	3.00	1.80	1.20	1.00	6.48								
	WC	1.00	1.20	1.20	1.00	1.44								
					Total Qty	68.16	Sq							

		1.00	80.00	1.00	1.00	80.00								
				Total Qty		80.00	Rmt							
64	Providing and fixing on walls/ ceiling/ floor 15 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.													
	SSR 2022-23 Item no.42.55													
	(A) Ground Floor													
		1.00	100.00	1.00	1.00	100.00								
				Total Qty		100.00	Rmt							
	(B) First Floor													
		1.00	100.00	1.00	1.00	100.00								
				Total Qty		100.00	Rmt							
65	Providing and fixing on walls/ceiling/floor 20 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.													
	SSR 2022-23 Item no.42.56													
	(A) Ground Floor													
		1.00	100.00	1.00	1.00	100.00								
				Total Qty		100.00	Rmt							
	(B) First Floor													
		1.00	100.00	1.00	1.00	100.00								
				Total Qty		100.00	Rmt							
66	Providing and fixing on walls/ ceiling/ floor 25 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.													
	SSR 2022-23 Item no.42.57													
	(A) Ground Floor													
		1.00	100.00	1.00	1.00	100.00								
				Total Qty		100.00	Rmt							
	(B) First Floor													
		1.00	100.00	1.00	1.00	100.00								
				Total Qty		100.00	Rmt							

67	Providing and fixing on walls/ ceiling/ floor 32 mm dia. CPVC pipe with necessary fittings, remaking good the demolished portion etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.																		
	SSR 2022-23 Item no.42.58																		
	(A) Ground Floor																		
		1.00	20.00	1.00	1.00	20.00													
				Total Qty		20.00	Rmt												
	(B) First Floor																		
		1.00	20.00	1.00	1.00	20.00													
				Total Qty		20.00	Rmt												
68	Providing and making ISI Mark ferrule connection of 32 mm dia. to water main including ferrule coupling cast iron bell mouth cover, built in non return valve and fixing including excavation and reinstatement complete.																		
	SSR 2022-23 Item no.42.75																		
		1.00	1.00	1.00	1.00	1.00													
				Total Qty		1.00	Nos												
69	Providing, laying and fixing P.V.C. pipe of 110 mm. dia. with fittings such as bends, tees, reducers, clamps, etc. including necessary excavation, trench filling etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.																		
	SSR 2022-23 Item no.42.28																		
	(A) Ground Floor																		
		1.00	110.00	1.00	1.00	110.00													
				Total Qty		110.00	Rmt												
	(B) First Floor																		
		1.00	150.00	1.00	1.00	150.00													
				Total Qty		150.00	Rmt												
70	Providing and fixing P.V.C. Rain water pipes of 160mm outer diameter and having wall thickness of 2.2 to 2.7 mm conforming to I.S. 13592-1992 including proper rainwater receiving recess with P.V.C. plug, bend, necessary fittings, such as, offsets, shoes, including fixing the pipe on wall using approved wooden cleats projecting 25mm to 40mm from face of wall a fixing with clips of approved quality and One Number ,filing the joint using rubber gasket with solvent cement and properly resting the shoe of pipes on C.C. or masonry blocks, including necessary scaffolding and maintenance for 3 yrs for any leakages or dislocations of pipes. All the P.V.C. fittings and additional 2 piece socket clips shall be got approved from engineer in charge etc. complete.																		
	SSR 2022-23 Item no.42.85																		
	(A) Ground Floor																		
		1.00	30.00	1.00	1.00	30.00													
				Total Qty		30.00	Rmt												

	(B) First Floor																			
		1.00	35.00	1.00	1.00	35.00														
				Total Qty		35.00	Rmt													
71	Providing, laying and fixing P.V.C. pipe of 75mm dia. with fittings such as bends, tees, reducers, clamps, etc. including necessary excavation, trench filling etc. complete. Including removing existing pipe line if necessary and conveying and stacking the same in PWD chowky or as directed etc. complete.																			
	SSR 2022-23 Item no.42.27																			
	(A) Ground Floor																			
		1.00	130.00	1.00	1.00	130.00														
				Total Qty		130.00	Rmt													
	(B) First Floor																			
		1.00	130.00	1.00	1.00	130.00														
				Total Qty		130.00	Rmt													
72	Providing and fixing 15 mm dia. screw down bib/ stop tap of brass including necessary socket union nut complete.																			
	SSR 2022-23 Item no.41.40																			
	(A) Ground Floor																			
		30.00	1.00	1.00	1.00	30.00														
				Total Qty		30.00	Nos													
	(B) First Floor																			
		30.00	1.00	1.00	1.00	30.00														
				Total Qty		30.00	Nos													
73	Providing and fixing 15mm diameter concussion push button type brass/gun metal self- closing tap including necessary socket complete.																			
	SSR 2022-23 Item no.41.52																			
	(A) Ground Floor																			
		10.00	1.00	1.00	1.00	10.00														
				Total Qty		10.00	Nos													
	(B) First Floor																			
		10.00	1.00	1.00	1.00	10.00														
				Total Qty		10.00	Nos													
74	Providing and fixing screw down for 25 mm dia. wheeled stop tap of brass including necessary sockets/union nut complete.																			

	SSR 2022-23 Item no.41.45																		
	(A) Ground Floor																		
		15.00	1.00	1.00	1.00	15.00													
				Total Qty		15.00	Nos												
	(B) First Floor																		
		15.00	1.00	1.00	1.00	15.00													
				Total Qty		15.00	Nos												
75	Providing and fixing 10 cm PVC nahani trap with grating etc. complete.																		
	SSR 2022-23 Item no.42.67																		
	(A) Ground Floor																		
		16.00	1.00	1.00	1.00	16.00													
				Total Qty		16.00	Nos												
	(B) First Floor																		
		15.00	1.00	1.00	1.00	15.00													
				Total Qty		15.00	Nos												
76	Providing and fixing 25mm diameter water meter with non-return valve including strainer, sockets/ union nut and including water meter box making locking arrangement and lock. [Without chamber].																		
	SSR 2022-23 Item no.41.28																		
		1.00	1.00	1.00	1.00	1.00													
				Total Qty		1.00	Nos												
77	Providing and fixing European type white glazed earthenware water closet pan with UPVC seat and lid with chromium plated brass hinges and rubber buffers including UPVC and vent pipe up to the outside face of wall 10 litre enameled low level flushing cistern with fittings pipe stop tap brackets for fixing cistern 32 mm dia. UPVC flush pipe with fittings and clamps ,20 mm dia.UPVC overflow pipe ,mosquito proof couplings G.I. chain and pulley,with water Jet and fitting including cutting and making good to the walls and floors testing etc. complete.(prior approval of sample and brand by Ex. Engineer is necessary before use)																		
	SSR 2022-23 Item no.43.19																		
	(A) Ground Floor																		
		18.00	1.00	1.00	1.00	18.00													
				Total Qty		18.00	Nos												

	(B) First Floor																		
		16.00	1.00	1.00	1.00	16.00													
				Total Qty		16.00	Nos												
78	Providing and fixing oval type under counter wash hand basin of 16 inch x 22 inch size and of special colour shade having telephonic black / coloured granite of 180 mm thick stone black kadappa framework including chromium plated coupling bottle - Trap using CERA company or equivalent oval type wash basin model no 3448 as per detailed drawing or as directed by engg incharge etc complete. (Counter size 1.20 m x 0.60 m)																		
	SSR 2022-23 Item no.42.88																		
	(A) Ground Floor																		
		19.00	1.00	1.00	1.00	19.00													
				Total Qty		19.00	Nos												
	(B) First Floor																		
		19.00	1.00	1.00	1.00	19.00													
				Total Qty		19.00	Nos												
79	Providing and fixing chromium plated towel rod 16 mm dia and 75 cm. in length including all accessories complete.																		
	SSR 2022-23 Item no.42.31																		
	(A) Ground Floor																		
		16.00	1.00	1.00	1.00	16.00													
				Total Qty		16.00	Nos												
	(B) First Floor																		
		16.00	1.00	1.00	1.00	16.00													
				Total Qty		16.00	Nos												
80	Providing and fixing 450mm x 550mm size superior type Belgium mirror with 16mm dia. nickel plated towel rod etc. complete.																		
	SSR 2022-23 Item no.42.20																		
	(A) Ground Floor																		
		16.00	1.00	1.00	1.00	16.00													
				Total Qty		16.00	Nos												

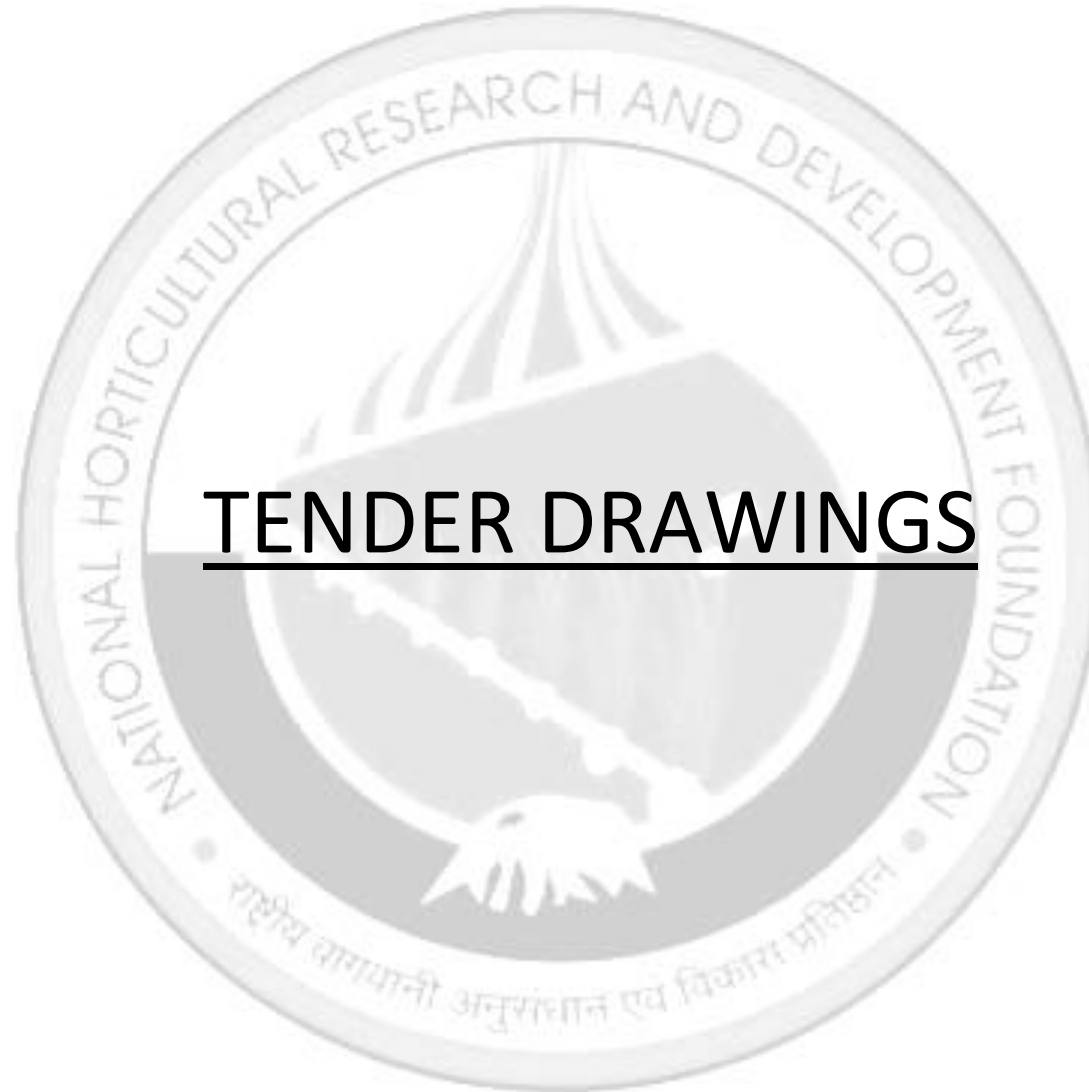
	(B) First Floor																		
			16.00	1.00	1.00	1.00	16.00												
					Total Qty		16.00	Nos											
81	Providing and laying for 150 mm dia salt glazed stoneware pipe including fittings Such as bends, tees, single junction, double junctions laying, jointing (including excavation and refilling the trenches) complete.																		
	SSR 2022-23 Item no.42.04																		
			1.00	60.00	1.00	1.00	60.00												
					Total Qty		60.00	Rmt											
82	Providing and fixing 15cm x 10cm salt glazed stoneware gully trap in cement concrete 1:4:8 outside the building including cast iron grating in the sink, connecting glazed stoneware pipe, brick masonry chamber with cast iron lid and cast iron grating for the gully trap.																		
	SSR 2022-23 Item no.42.02																		
			2.00	1.00	1.00	1.00	2.00												
					Total Qty		2.00	Nos											
83	Providing and constructing Brick Masonry Inspection Chamber 60cm x 45cm x 90cm including 1:4:8 cement concrete foundation 1:2:4 cement concrete channels half round G.S.W. pipes, Brick Masonry, plastering from inside and with frame fixed in cement concrete with R.C.C. Cover medium duty 140Kilogramwith frame etc complete.																		
	SSR 2022-23 Item no.42.12																		
			15.00	1.00	1.00	1.00	15.00												
					Total Qty		15.00	Nos											
84	Providing and constructing Brick Masonry Inspection Chamber 60cm x 45cm x 90cm including 1:4:8 cement concrete foundation 1:2:4 cement concrete channels half round G.S.W. pipes, Brick Masonry, plastering from inside and with frame fixed in cement concrete with R.C.C. Cover medium duty 140Kilogramwith frame etc complete.																		
	SSR 2022-23 Item no.42.13																		
			8.00	1.00	1.00	1.00	8.00												
					Total Qty		8.00	Nos											
85	Providing and fixing 40 mm. dia Ball cock medium type with PVC float including sockets and necessary fittings and tested as per municipal requirements etc. complete.																		
	SSR 2022-23 Item no.42.36																		

	(B) First Floor																		
		2.00	1.00	1.00	1.00	2.00													
				Total Qty		2.00	Nos												
86	Providing soak pit of size 120cm x 120cm x 120cm including excavating and filling with brick-bats.																		
	SSR 2022-23 Item no.42.19																		
		1.00	1.00	1.00	1.00	1.00													
				Total Qty		1.00	Nos												
87	Providing and fixing C.P. sink cock with raised J" shaped swinging casted spout of approved make including necessary sockets/ union nut etc. complete."																		
	SSR 2022-23 Item no.42.84																		
	(A) Ground Floor																		
		5.00	1.00	1.00	1.00	5.00													
				Total Qty		5.00	Nos												
88	Providing and fixing reinforced cement concrete cover of size 90 cm x 45 cm with frame over inspection chamber etc. complete. Heavy duty (225 Kilogram)																		
	SSR 2022-23 Item no.42.68																		
		1.00	1.00	1.00	1.00	1.00													
				Total Qty		1.00	Nos												
89	Providing and fixing 90 cm x 60 cm Granite plate engraving 10 cm. Height letter, figures including painting the letters/figures with approved colour and shade complete																		
	SSR 2022-23 Item no.44.12																		
		1.00	1.00	1.00	1.00	1.00													
				Total Qty		1.00	Nos												
90	Boring/drilling bore well of 300mm dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machinery required for the job, all complete as per direction of Engineer in charge, upto 90m depth below ground level.																		
	SSR 2022-23 Item no.48.48																		
		1.00	60.00	1.00	1.00	60.00													
				Total Qty		60.00	Rmt												

LABORATORY TESTING CHARGES

Sr.No.	Kind Of Material	Qty	Unit	Name Of Test	Frequency	No. Of Tests Req.	30% Test to be taken in lab	Rate	Amount
(A)	Cement	108.00	MT	St. Consistency, Fineness, Sp.Gravity,Setting Time,Comp.Strength,Soundness	1 Test per 50 MT	3	1	3770.00	3770.00
(B)	Sand	1004.40	Cum	Silt Content	1 Test Per Source	1	1	850.00	850.00
				Fineness Modulus	1 Test Per Source	1	1	1380.00	1380.00
(C)	Steel	92.38	M.T.	Tensile Strength,Elongation,Yield Strength, Bend Rebend Test,proof stress	1 Test per 5 MT	19	7	1595.00	11165.00
(D)	Cr. Metal	1506.60	Cum	Water absorption, Sp.Gravity,Impact Value/Crushing Value	1 Test /200 Cum	8	3	2600.00	7800.00
				Sieve Analysis	1 Test /200 Cum	25	8	690.00	5520.00
(E)	Bricks	58640.00	No.	Water Absorption,Compressive Strength,Efflorescence	1/ 50000 Bricks	4	2	2175.00	4350.00
(F)	AAC Blocks		No.	Density Test (Set Of 3 Blocks), Compressive Strength (Set Of 3 Blocks), Water Absorption Test	1/ 50000 Bricks	1	1	1965.00	1965.00

(G)	Murum	537.82	Cum	Compaaction Test	1 Test/200 Cum	4	2	1860.00	3720.00
(H)	Rubble	282.63	Cum	Water Absorption,Sp.Gravity,Impact Value/Crushing Value	1 Test/200 Cum	2	1	2020.00	2020.00
(I)	Flooring Tiles	1369.67	No.	Water Absorption,Modulus Of Rupture	Set Of 18 Tiles/2000 Tiles	4	2	2495.00	4990.00
(J)	Natural Flooring	1306.24	No.	Water Absorption, Sp.Gravity	Set Of 18 Tiles/2000 Tiles	4	1	1380.00	1380.00
(K)	M20 Concrete	877.00	Cum	Concrete Cube Compressive Test	1 Set Per 5 Cum	176	53	690.00	36570.00
	Concrete M20 Mix Design accelarated curing method.	1.00	No.	All Test	1 Test	1	1	16250.00	16250.00
									101730.00



TENDER DRAWINGS