



NATIONAL INSTITUTE OF AYURVEDA

Deemed To be University (De Novo), Ministry of AYUSH, Govt. of India

NIT No. : F.7(53)/Estate/2025-26

Name of Work: Up – Gradation of Ras shashtra lab NIA, Jaipur.

Estimated Cost: 9, 84,881/-

Earnest Money: 19,698/-

Time Allow: 30 Days

Last date & time of submission of Bid: 30.03.2026 up to 03:00 PM

Last date & time of Opening of Bid: 31.03.2026 up to 04:00 PM

It is certified that NIT containing Page 01 to 33 only.

Index

Name of Work: **Up-Gradation of Ras Shastra Lab at NIA, Jaipur.**

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NIT approved for Rs 9,84,881/- (Nine Lakhs Eighty Four Thousand Eight Hundred and Eighty One Rupees Only) and containing **page 1 to 33 only.**

NATIONAL INSTITUTE OF AYURVEDA

NOTICE INVITING TENDER

The National Institute of Ayurveda a Deemed University and autonomous organization under the Ministry of AYUSH, Govt. of India Invites Online percentage rate tenders from approved and eligible Empanelment in NIA contractors. for the following work(s) :

N.I.T. No. : *F.7(53)/Estate/2025-26*

Name of Work : Up-Gradation of Ras Shastra Lab at NIA, Jaipur.

Estimated Cost : ₹ **Rs. 9,84,881/-**

Earnest money : **Rs. 19,698/-**,

period of completion : **30 Days** .

Last date & time of submission of tender **30.03.2026** upto **03:00 P.M.**

The tender forms and other details can be obtained from the central public procurement portal (CPP Portal) or website www.nia.nic.in

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-TENDERING

The National Institute of Ayurveda a Deemed University and autonomous organization under the Ministry of AYUSH, Govt. of India Invites Offline percentage rate bids from approved and eligible NIA Empanelment contractors for the following work:

Sr. No.	NIT No.	Name of Work	Estimated Cost put to tender (RS.)	Earnest Money (Rs.)	Stipulated Period of Completion of Work	Last Date & Time of submission of tender, copy of receipt of deposition of Original EMD & Other Documents as per specified in the tender documents.	Time & Date of Opening of Tender
1	2	3	4	5	6	7	8
1	F.7(53)/Estate/2025-26	Up – Gradation of Ras shashtra Lab at NIA, Jaipur.	9,84,881/-	19,698/-	30 Days	30.03.2026 up to 03:00 PM	31.03.2026 up to 04:00 PM

The tender forms and other details can be obtained from the website Central Public Procurement Portal (CPP Portal) (URL : <https://eprocure.gov.in/eprocure/app>) or www.nia.nic.in

The empanelment of the contractors should be valid on the last date of submission of tenders.

In case the last date of submission of tender is extended, the empanelment contractor should be valid on the extended date of submission of tenders.

1. The intending bidder must read the terms and conditions of NIT carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and instructions for bidders posted on CPP Portal and institute website (www.nia.nic.in) shall form part of bid document.
3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.nia.nic.in free of cost.

4. **The Empanel bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.**
5. Contractor must ensure to quote his percentage rate (above/below) in the attached schedules.
6. The NIA reserves the right to reject any prospective application without assigning any reason and to restrict the list of NIA Empanelment contractors to any number deemed suitable by it.
7. The tenderer should also read the General Conditions of Contract for CPWD Works **2023 Maintenance Works** amended upto **Last date of receipt of tender (available on NIA websites), which is available as Govt. of India Publications.**
8. Tenders with any condition including that of conditional rebates in the tender document shall be rejected forth with.
9. **Any Agency Whose Case related to any work of NIA is pending before the court shall not be eligible to participate in this tender.**
10. If a tenderer does not quote any percentage above/below/at par on the total amount of the tender or any section/sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
11. The bids will be submitted **up to 3.00 PM on 30.03.2026**. The bid submitted shall be opened **at 4.00 PM on 31.03.2026**.
12. GST, purchase tax, turn over tax, Excise duty, work contract tax or any other tax as applicable shall be paid by the contractor himself. The contractor shall quote his rates considering all such taxes. The TDS (tax deduction at source) shall be done from bill payments to the contractor as per Government law and rules.
13. If any information furnished by the applicant is found incorrect at a later stage, he shall be liable to be debarred from tendering/ taking up of works in NIA. The NIA reserves the right to verify the particulars furnished by the applicant independently.
14. The bid can only be submitted after deposition of original EMD in the office of Estate Department within the period of bid submission. such as Demand Draft or Pay order or Banker`s Cheque of any Scheduled Bank towards EMD in favour of **Vice Chancellor NIA, Jaipur,**

15. List of Documents to be submitted by bidder within the period of bid submission :-

- i) Copy of receipt for deposited of original EMD issued from Estate In-charge of N.I.A. Demand Draft / Pay order or Banker's Cheque of any Scheduled Bank against EMD.
- ii) **Empanelment Order** of the Contractor in NIA and valid on the date of opening of tender.
- iii) **GST Registration Certificate, if already obtained by the bidder.**

If the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking along with bid documents.

"If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, within one Months from the date of receipt of award letter or before release of any Payment by NIA, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by NIA or GST department in this regard".

- 16. The successful bidder shall be required to execute the Contract Agreement accepting all terms and conditions stipulated herein on a non-judicial stamp paper of Rs. 500/- (Rs. Five Hundred only) along with performance security within fifteen days of the issue of the Letter of notification of a ward. In the event of failure on the part of the successful bidder to sign the Contract within the period stipulated above, the EMD shall be forfeited and the acceptance of BID shall be considered as cancelled.
- 17. Payment to the staff/worker shall be made by the contractor through Bank or ECS of online transfer to his bank account only. Contractor is bound to make payment of current minimum wages not less than prescribed by the Local State/District authorities prior to 7th of each calendar Months and proof of making such payments is to be submitted to the department prior to each running payment. Contractor has to follow all labour laws amendment up to date strictly as applicable. The payment shall be made to the contractor bi-Monthly on submission of all documents as specified.

Under the provision of minimum wages (Central) Rule,1950 the contractor is bound to allow to the labours directly or indirectly employed in the works one day rest for 6 days continuous work and pay wages at the same rate as for duty. In the event of default, the Engineer-In-Charge shall have the right to deduct the sum or sums not paid on account of wages for weekly holidays to any labours and pay the same to the persons entitled thereto from and money due to the contractor by the Engineer-in-Charge concerned.

- 18. The Empanelment bidders are required to update their profile in NIA to submitted their bids well in advance of last date of submission of tender. Any issue related to submitted their tender can be resolved through the concerned Estate Department The tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.

Receipt of Deposition of Original EMD**Receipt No.:****Date:**

1. Name of Work : **Up-Gradation of Ras Shastra Lab at NIA, Jaipur.**
 2. NIT No. :- F.7(53 /Estate/2025-26
 3. Estimated Cost :- 9,84,881/-
 4. Amount of Earnest Money Deposit :- 19,698/-
 5. Last Date of Submission :- 30-03-2026 on or before 3:00 PM
-

1. Name of Contractor :-
2. Form of EMD :-
3. Amount of Earnest Money Deposit :-
4. Date of Submission of EMD :-

**Signature, Name and Designation
of EMD Receiver
with office stamp**

E-TENDERING

1. Percentage rate bids are invited on behalf of Vice Chancellor, NIA from approved and empanelment contractors of NIA for the Work of " **Up-Gradation of Ras Shastra Lab at NIA, Jaipur.** "

The empanelment of the contractors should be valid on the last date of submission of bids.

In case the last date of submission of bid is extended, the empanelment of contractor should be valid on the extended date of submission of bids.

- 1.1 The work estimated to cost **Rs. 9,84,881/-**
2. Agreement shall be drawn with the successful bidders on prescribed **Form No. CPWD 7** which is available on website www.nia.nic.in Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be **30 Days** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. (i) The site for the work is available.
5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the Tender to be complied with and other necessary documents except Standard General Conditions of Tender Form can be seen on website **www.nia.nic.in** free of cost.
6. **Earnest Money of Rs. 19,698/-** in the form of Demand Draft or Banker`s Cheque, FDR With Bank Pledge Letter (drawn in favour of **Vice Chancellor, NIA, Jaipur**) The original EMD Receipt shall be attached with the original Tender within the period of bid submission.
7. Copy of Empanelment Order and certificate of work experience and other documents as specified in the press notice shall be attached with the tender. Documents as specified in bid shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority.
8. The bid submitted shall be opened at **04:00 PM on 31.03.2026.**
9. The bid submitted shall become invalid:
 - (i) The bidder is found ineligible.
 - (ii) The bidder does not deposit original EMD with original Bid.
 - (iii) The bidder does not Submitted all the documents (including **GST Registration**) as stipulated in the bid document **including the copy of receipt for deposition of original EMD.**
 - (iv) If a tenderer quotes percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

10. The contractor whose bid is accepted will be required to furnish performance guarantee of at specified percentage of the tendered amount as mentioned in schedule E and within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the lowest bidder shall be suspended for **one (01) year** and shall not be eligible to bid for Empanelment tenders from date of issue of suspension order.
11. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the sub contractors, if any engaged by the contractor for the said work within the period specified in Schedule F.
12. **The description of the work is as follows:-**
- " Up-Gradation of Ras Shastra Lab at NIA, Jaipur.. "**
- Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work.
13. The competent authority on behalf of the **Vice Chancellor, NIA, Jaipur** does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
14. The competent authority on behalf of **Vice Chancellor, NIA, Jaipur** reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.

15. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
16. This notice inviting Bid shall form a part of the contract document. The successful Empanelment bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
 - (a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as submission of bid and acceptance thereof together with any correspondence leading there to.
 - (b) Standard C.P.W.D. Form 7 (GCC for CPWD works **2023 Maintenance Works**) amendments upto **Last date of receipt of tender.**
17. **The contractor shall submit the work bill along with the measurement. Thereafter, the measurement must be checked by the civil/electric engineering staff. Only then be payment of the bill to the contractor shall be made.**

Performa of Black Listing

(Annexure – II)

NIT No: F.7(53)/Estate/2025-26

N/w : Up-Gradation of Ras Shastra Lab at NIA, Jaipur.

I/we undertake and confirm that our firm has not been blacklisted by any state/Central Departments/PSUs/Autonomous bodies during the last 5 years. Further that, if such information comes to the notice of the department, then I/we shall be debarred for bidding in NIA in future forever. Also, if such information comes to the notice of department on any day before date of start of work, the Estate-in-charge shall be free to cancel the agreement and to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

Signature of Bidder(s) or an authorized

NATIONAL INSTITUTE OF AYURVEDA
Percentage Rate Tender & Contract for Works

(A) Tender for the work of " **Up-Gradation of Ras Shastra Lab at NIA, Jaipur.** "

- (i) To be Submitted by **5:00** hours on **30.03.2026** to Joint Director, NIA
- (ii) To be opened in presence of tenderers who may be present at **4:00** hours on **31.03.2026** in the office of Estate In-Charge NIA, Jaipur.

TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the **Vice Chancellor NIA** within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty **suspend the lowest bidder for one (01) year and shall not be eligible to bid for Empanelment tenders from the date of issue of suspension order.** Further, if I/We fail to commence work as specified, I/ We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of Earnest Money or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free **forfeit the entire amount of Performance Guarantee and suspend the lowest bidder for one (01) year and shall not be eligible to bid for Empanelment tenders from the date of issue of suspension order.**

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned here under) is accepted by me for and on behalf of the Vice Chancellor NIA, Jaipur for a sum of Rs.
(Rupees.....
.....)

The letters referred to below shall form part of this contract agreement:-

- (a)
- (b)
- (c)

For & on behalf of the Vice Chancellor NIA.

Signatures.....

Dated:

Designation.....

PROFORMA OF SCHEDULES (FOR COMPONENT – CIVIL WORK)

SCHEDULE ‘A’

Schedule of quantities

Schedule attached at Page No. 31- 33

SCHEDULE ‘B’

Schedule of materials to be issued to the contractor.

S.No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of Issue
1	2	3	4	5
NIL				

SCHEDULE ‘C’

Tools and plants to be hired to the contractor

Sl.No.	Description	Hire charges per day	Place of Issue
1	2	3	4
NIL			

SCHEDULE ‘D’

Extra schedule for specific requirements/document for the work, if any.

Special conditions	-	As per NIT
Particular Specifications	-	As per NIT
Annexures	-	As per NIT

SCHEDULE ‘E’

Reference to General Conditions of contract: **General Conditions of Contract for Central CPWD Works 2023 Maintenance Works** incorporating all amendments issued upto Last date of receipt of tender.

Name of work: " **Up-Gradation of Ras Shastra Lab at NIA, Jaipur.** "

Estimated cost of work: **Rs. 9, 84,881/-**

(i) Earnest money: **Rs. 19,698/-**

Estate In-Charge

Joint Director (Admn.)

- (ii) Performance Guarantee : **5% (Five percent) of accepted composite tendered value which shall be deposited with in favour of vice chancellor, NIA**
- (iii) Security Deposit : 2.5% (Two & Half percent) of accepted tendered amount.

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS :

Officer inviting tender **Joint Director(Admn.)
National Institute of Ayurveda, Jaipur**

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3. See below

Definitions:

- 2(v) Engineer-in-Charge **Estate – Incharge**
- 2(viii) Accepting Authority **Joint Director (Admn.)
National Institute of Ayurveda, Jaipur**
- 2(x) Percentage on cost of materials and labour to cover all overheads and profits. 15%
- 2(xi) Standard Schedule of Rates DSR-2023 with Correction Slips/amendments issued upto **Last date of receipt of tender**
- 2(xii) Department National Institute of Ayurveda, Jaipur

Clause 1

- (i) Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and Applicable labour licenses, Registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. or proof of applying thereof from the date of issue of letter of acceptance. 07 days

- (ii) Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above 03 days

Clause 2

Authority for fixing compensation under clause 2.

Vice Chancellor
NIA, Jaipur
or Successor there of

Clause 2

Applicable clause 2

Yes.

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start

7 days

Schedule of handing over of site

Part	Portion of Site	Description	Time Period for handing over reckoned from date of issue of letter of intent.
Part A	Portion without any hindrance	Full site for the work	On the day of issue of letter of commencement of work by the Engineer-in-Charge.
Part B	Portions with Encumbrances	Nil	
Part C	Portions dependent on work of other agencies	Nil	

Time allowed for execution of work. **30 Days**

Authority to decide:

- | | |
|--|---|
| (i) Extension of time | Joint Director(Admn.)
National Institute of Ayurveda
Jaipur |
| (ii) Rescheduling of mile stones | Joint Director (Admn.)
National Institute of Ayurveda
Jaipur |
| (iii) Shifting of date of start in case of delay in handing over of site | Vice Chancellor
National Institute of Ayurveda
Jaipur |

Clause 7

Gross work to be done together with net payment/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment **Nil**

CLAUSE 7A

Whether Clause 7A shall be

Yes

Applicable(No Running Account Bill shall be paid for the work till the applicable labour licences, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Estate-in-charge).

Clause 8A

Authority to decide to compensation on account if contractor fails to comply the condition of this clause.

**Joint Director(Admn.)
NIA, Jaipur**

Specifications to be followed for execution of work

CPWD Specification **2019 (Vol. I & II)** with correction slips upto **Last date of receipt of tender**

Clause 12**Type of work****Maintenance work**

12.2

& 12.3 Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work

12.5 (i) Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for

foundation work (except items mentioned in earth work subhead in DSR and related items)

(ii) Deviation Limit for items mentioned in earth work subhead of DSR and related items

No Limit

No Limit

No Limit

All the deviated quantities shall be paid at agreement rates.

Clause 16

Competent Authority for deciding reduced rates.

Vice Chancellor
NIA, Jaipur
or Successor there of

Clause 38

(i) (a) Schedule/statement for Determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates

DSR-2023 with correction slips/amendments upto **Last date of receipt of tender**

(ii) Variations permissible on theoretical Quantities:

(a) Cement

For works with estimated cost put to tender not more than Rs. 5 lakh.

3% plus/minus.

For works with estimated cost put to tender more than Rs.5 lakh.

2% plus/minus.

(b) Bitumen All Works

2.5% plus & only & nil on minus side.

(c) Steel Reinforcement and structural steel sections for each diameter, section and category

2% plus/minus

(d) All other materials.

Nil

GENERAL CONDITIONS FOR CIVIL WORK

1.0 General Conditions for Civil Works

1.1 The work in general shall be carried out in accordance with the CPWD Specifications **2019** Vol. I to II (corrected up to **Last date of receipt of tender**) hereinafter referred as CPWD Specifications.

1.2 **Order of Preference:** In case of any difference or discrepancy between the description of items as given in the schedule of quantities, specifications for individual items of work, contract conditions and/or I.S. Codes etc., the following **order of preference** shall be observed :

- (i) Description of items as given in Schedule of quantities
- (ii) Particular specifications, if any, for the item in agreement
- (iii) Special conditions, if any, in agreement
- (iv) Additional conditions, if any, in the agreement
- (v) CPWD Specifications including correction slips up to **Last date of receipt of tender**
- (vi) General Conditions of Contract **2023 Maintenance Works** for CPWD works with correction slips up to **Last date of receipt of tender**.
- (vii) Indian Standards Specifications of B.I.S.
- (viii) Manufacturer's specifications for the item, as decided by Engineer-in-charge.
- (ix) Sound Engineering practices or well established local construction practices.

1.3 Source of Material:

- a. The water for construction work shall be arranged by contractor. In case, contractor takes water from government source free of cost then recovery of water charges shall be made as per relevant Clauses.

1.4 **Testing of Materials :** This charges of testing of materials in approved laboratory shall be borne by the agency. In the regard agency shall quote their bid considering the all testing charges of the material.

The samples for testing shall be supplied free of cost by the contractor. The contractor shall also make all arrangements for transportation and delivery of samples of materials to the testing laboratory and nothing extra shall be payable for the same.

1.5 Sample of Work/Items :

- a. The contractor shall invariably prepare the samples of finishing items i.e. flooring of different types, external & internal finishing i/c colour scheme of paint, tiles in dado, flooring in platforms & staircase, water supply & sanitary fittings and any other item as per direction of Engineer-in-charge. The contractor shall proceed with further finishing items only after getting the samples of these items approved Estate-in-charge.

1.6 RESPONSIBILITY

The Contractor shall keep himself fully informed of all relevant acts and laws of the Central & State Governments, orders, decrees of statutory bodies, tribunals having any jurisdiction or authority, which in any manner may affect those engaged or employed and anything related to carrying out the work. All the rules & regulations and bye-laws laid down by District Collector / Municipal Corporation / Urban Development Authority and any other statutory

bodies shall be adhered to, by the contractor, during the execution of work. The Contractor shall also adhere to all traffic restrictions notified by the local authorities.

b) No residential accommodation shall be provided to any of the staff engaged by the contractor.

c) Site Engineer/Supervisor shall carry mobile telephone (s) to enable the Engineer-in-Charge / occupants to have easy and quick communication. Nothing extra shall be paid to the contractor on this account and his quoted rates for various items under this contract will be inclusive of this obligation.

d) The staff employed by the contractor should be well behaved and any complaint of misbehavior shall be taken very seriously and such staff will have to be removed by the contractor immediately from the site.

e) Contractor shall be fully responsible for any damages caused to government property or allottee's property by him or his labour in carrying out the work and shall be rectified by the contractor at his own cost.

1.7 SECURITY

- a. The campus is now occupied. Contractor shall take all measures and precautions so as to cause no inconvenience to the occupants. He shall barricade the construction site / designated area of construction through the barriers as specified in the BOQ and as approved by the Estate-in-charge. No material shall be stored / dumped outside the designated area.
- b. The Contractor shall be responsible for the watch and ward / guard of the buildings safety, fittings and fixtures provided by him against pilferage and breakage during the period of installations and thereafter till the building is physically handed over to the department. No extra payment shall be made on this account.

1.8 Responsibility during Extreme Weather/Site Conditions:

- (a) The Contractor shall make all necessary arrangements for protecting from rains, fog or likewise extreme weather conditions, the work already executed and for carrying out the further work, during monsoon including providing and fixing temporary shelters, protections etc. Nothing extra shall be payable on this account. Also, no claims for hindrance shall be entertained on this account.

1.9 SCAFFOLDING / SHUTTERING

Wherever required for the execution of work, all the scaffolding shall be provided and suitably fixed by the contractor. No extra payment shall be paid on this A/c.

1.10 RATES

- a. The rates quoted by the contractor are deemed to be inclusive of site clearance, setting out work, profile, setting lay out on ground, establishment of reference bench mark(s), installing various signage, taking spot levels, survey with total station, construction of all safety and protection devices, compulsory use of helmet and safety shoes, and other appropriate safety gadgets by workers, imparting continuous training for all the workers, barriers, preparatory works, construction of clean, hygienic and well ventilated workers housings in sufficient numbers as per drawing supplied by Estate in charge, working during monsoon or odd season, working beyond normal hours, working at all depths, height, lead, lift, levels and

- location etc. and any other unforeseen but essential incidental works required to complete this work. Nothing extra shall be payable on this account and no extension of time for completion of work shall be granted on these accounts.
- b. The rates quoted by the tenderer shall be firm and inclusive of all taxes and levies including GST. Taxes shall be deducted at source as per statutory orders and Govt. rules and regulation, from bill payments to the contractor by Estate-in-charge.
- 1.11 ROYALTY:** Contractor shall comply with all statutory rules and regulations w.r.t royalty and other levies and taxes. Royalty at the prevalent rates shall be paid by the contractor or his associate supplier as per Government rules, on all materials such as boulders, metals, all sizes stone aggregates, brick aggregates, coarse and fine aggregates, moorum, river sand, gravels and bajri etc. collected by him for the execution of the work, directly to the revenue authority of the state government concerned. Further, contractor needs to submit proof of submission of full royalty to the state government or local authority. Nothing extra shall be payable on this account.
- 1.12 Other Conditions w.r.t Payment of Bills to Contractor :**
- a. The full nomenclature of the items shall be adopted in preparing abstract of final bill in the measurement book and also in the bill form for final bill.
- b. In the case of items of which abbreviated nomenclature is not available in the above cited publication and also in case of extra and substituted items of works for which abbreviated nomenclature is not provided in the agreement, the full nomenclature of items shall be reproduced in the measurements books and bill forms for running account bill.
- c. All running account bills preferred by the contractor for advance payments shall be processed only if Estate-in-charge is satisfied that upto date investments (excluding security deposit & performance guarantee, which are not considered as investments) made by the contractor against contracted work are more than the payments received. Accordingly, all running account bills shall be supported with an account of up-to-date payments received vis-a-vis upto date investments made on the work to enable estate-in-charge to check to his satisfaction that the payments made by estate-in-charge are properly utilized only on the work and nowhere else.
- d. Contractor should hand over the warranty of all the specialized items and non specialized items, if any such warranty provided by manufacturer, which have been installed in the constructed building to the department.
- e. Contractor shall give performance test of the water supply, sanitary, sewer and electrical installation(s) as per the specifications in the presence of the Engineer-in-charge or his

- authorized representative before the work is finally accepted and nothing extra what-so-ever shall be payable to the Contractor for the test.
- f. The contractor shall have to execute guarantee bonds in respect of water supply and sanitary installation works, Sewerage Treatment plant work, UPVC Window work and water proofing works as per Performa annexed in this bid document.
- g. **Breach of Terms and Conditions:** In case of breach of any terms and conditions as mentioned above, the Competent Authority, will have the right to cancel the work order/job without assigning any reason thereof and nothing will be payable by NIA, Jaipur in that event the security deposit shall also stands forfeited.

1.13 JURISDICTION OF COURT

- a. Courts at Jaipur shall have the jurisdiction to decide any dispute arising out of or in respect of this contract.

Additional Specifications for Civil Works

1.0 Cement :

- 1.1 Agency shall procure 43 Grade OPC conforming to IS : 8112 / PPC conforming to IS : 1489 (Part 1) as required in the work from cement manufacturers mentioned in the list of Preferred makes for civil works.
- 1.2 The supply of cement shall be taken in 50 kg. bags bearing manufacturer's name and ISI marking. Samples of cement arranged by the Contractor shall be taken by the Estate-in-charge.

2.0 Design Mix Concrete from Batch Mix Plant or RMC.

- 2.1 Design mix is to be carried out as per IS 10262, IS 456 and other relevant IS codes / CPWD Specifications amended upto **Last date of receipt of tender.**

3.0 Additional Conditions for Painting Work :

- 3.1 Mechanical sanding machine (for scrubbing & preparation of surface) shall be used by the contractor.
- 3.2 In case of painting over old work / new work, the contractor shall give proper notice to the Estate-in-charge after the surface is prepared & before applying of primer coat / paint. The Estate-in-charge shall either approve the surface thus prepared or ask the contractor to rectify the defects pointed. Only after approval by Estate-in-charge, the priming / painting coat shall be applied.
- 3.3 Primer coat shall be applied over cement based putty as per specifications of the paint manufacturers. If the component of primer is not included in the BOQ agreement item for painting, then payment for primer shall be made to the contractor separately.

4.0 Preferred Make & Approval of materials:

- 4.1 Contractor shall adopt materials in work as per preferred make of materials annexed in this contract document. Contractor shall submit samples of materials he propose to use for this work for approval of engineer-in-charge. The approved samples shall be preserved at work site in safe custody till completion of whole work. In case any sample submitted by contractor is not approved by Engineer-in-charge, contractor shall arrange and submit alternate samples for approval of estate-in-charge. The Contractor should also consider the availability of spares parts/components for maintenance purposes while proposing any brand/manufacturer.

5.00 For CP brass fittings and sanitary fittings/items, normal range/ superior range products as specified in approved make list for materials shall be adopted in this work.

6.00 The list of approved make of materials for Civil Works is as given Below :-

Annexure-II**LIST OF PREFERRED MAKES (CIVIL WORKS)**

S.No	Material	List of Preferred Make
1.	(i) Ordinary Portland Cement / Portland Pozzolona Cement.	ACC, Ultratech, Ambuja Cement, J.K. Cement, Century Cement, Shree Cement, Jaypee Cement, Vikram Cement
	(ii) White Cement	Birla White , J.K. White, Ultratech
2.	Reinforcement Steel	SAIL, Tata Steel, Rashtriya Ispat Nigam Ltd.(RINL), JSW Steel Ltd., Jindal Steel & Power Ltd.
3.	Water Proofing Compounds, Admixtures, Plasticizer (PCE based only), Curing Compounds	Fosroc, ROFF / Dr.Fixit (Pidilite Industries), CICO, Sika, BASF, ArdexEndura (Bal Endura), Scot Chemicals, STP Limited, Shalimar's Kavassu
4.	Integral Water proofing compound with cement (For Plaster & Mortar)	Fosroc, Conplast 421 Dr.Fixit : LW+, Sika : Sikacim, Asian Paints : Smart care vitalia & equivalent product of BASF, CICO, Ardex Endura, Scot Chemicals, STP Limited, Shalimar's Kavassu
5.	Water proofing compound for bathroom/ toilet/ balcony & other wet areas	Fosroc : Brush Bond, CICO : Tapecrete,Dr.Fixit : Pidifine 2K, Sika : Nito Bond,Asain Paints : Damp Block 2 K & equivalent product of BASF, ArdexEndura, Scot Chemicals, STP Limited, Shalimar's Kavassu
6.	Crystalline water proofing compound	Fosroc : Fosroc Crystalline
		Dr Fixit : Dr.Fixit Crystalline
		Sika : Sika Crystalline
		Asian Paints : Crystalline Quart
		& equivalent product of BASF, CICO, ArdexEndura, Scot Chemicals, STP Limited, Shalimar's Kavassu.
7.	Grouts, Tile Adhesive	Latecrete, Kerokoal, BASF, Ardex Endura, Ferrous Crete, Pidilite, Scot Chemicals, STP

		Limited, TilemaxX, Shalimar's Kavassu
8	Stone Adhesive	Pidilite - Fevimate excel, BASF, ArdexEndura, MYK Laticrete, Scot Chemicals, Shalimar's Kavassu
9	Structural Steel	SAIL, Tata Steel, RashtriyaIspat Nigam Ltd.(RINL), and JSW Steel Ltd., Jindal Steel & Power Ltd.
10	Polycarbonate Sheet	GE Plastic, LEXAN, Bayers
11	Profile steel sheet	Ezydeck of TATA, Lloyd Superdeck, JSW / Jindal
11(A)	Sandwich Profile panel	Lloyd, Synergy, Metclo, Kingspan (Note : Profile steel sheet should be of make Tata/Jindal/JSW/Lloyd)
12	Particle Board	Action TESA, Greenlam, Merino, Jayna, Green Panel
13	Laminates	Action TESA, Greenlam, Century Ply, Merino, Sunmica
14	Flush door shutters	Jayna, Century, Durian, Green ply, Merino, Green Panel, A1 teak, M.P. Wood
14(A)	Wire gauge shutters	Jayna, A1 teak, MP wood, Goel Industries Corpn.
15	Fire Rated Doors	Shakti Hormann, NAVAIR,SUKRI
16	False Ceiling System Metalic, Mineral Fibre, Gypsum	Armstrong, Hunter Douglas, USG Boral, Saint Gobain, Aerolite, Durlum, Diamond Ceiling, Prolad, HI-STEEL
17	Plywood/ Veneer	Green ply, Century, Merino, Duro, Durian, Green Panel
18	Melamine Polish	Asian Paints Melamine Gold, Wudfin of Pidilite, Timbertone of ICI Dulux.
19	Floor Spring & Door Closure	Godrej, Dorma, Dorset, Kich
20(a)	Aluminium Section	Hindalco, Jindal, Indian Aluminum co., Omalco
20(b)	Anodised Aluminium Hardware	Kilong, Alualpha, Classic, Ebco

	(Heavy Duty)	
21	Clear/Float/Frosted/Toughen Glass/ Refractive Glass	Saint Gobain, AIS, Modiguard, Gold Plus
22	Stainless Steel Railing, Accessories etc.	JINDAL, Dorma, Kich, GEZE, Godrej
23	S.S. Door / window Fittings	Jindal, Dorma, Kich, Dorset, Godrej
24	Silicon based water repellent /Weather Sealant	G.E. Plastics, Dow Corning, Wacker, BASF, Pidilite (Dr.Fixit/Roff)
25	Poly-Sulphide Sealant	Fosroc, Pidilite (Dr.Fixit/Roff), Sika, BASF, STP Limited
26	Mosaic tiles/ Chequered Tiles	Ultra Tiles, NITCO, Hyper(Mayur), Pavcon, Swastik Tiles, Modi Tiles
27	Ceramic Tiles	Kajaria, RAK, Somany, Orient Bell, Johnson
28	Vitrified Tiles (Antiskid/Matt/Glazed) (Only Double charged vitrified tile permitted.)	Kajaria, RAK, Somany, Orient Bell, Johnson
29	Paver block & Kerb Stone	Pavcon, Mayur, KK, Oswal Industries, Modi Tiles, Lotus Tiles, Ashapura Tiles
30	Dash / Anchoring Fasteners	HILTI, Fischer, Bosch, Wurth.
31	Cement Based Wall putty	Birla wall care, JK White, Berger, Asian Paints, ShieldmaxX
32	Oil Bound Washable Distemper / Dry Distemper	Asian Paints : Professional Acrylic Distemper, Nerolac: Beauty Acrylic Distemper, Berger : Bison Acrylic Distemper, Dulux ICI : Maxilite
33	1 st Quality Acrylic Distemper (washable/Ready mix/ Low VOC)	Asian Paints : Tractor Aqua Lock Paint, Berger : Commando or equivalent paints of Nerolac or ICI-Dulax
34	Acrylic Emulsion Paints	Asian Paints : Professional Premium Interior Emulsion Paint,Nerolac : Beauty Gold,Berger : Rangoli total care,ICI-Dulux : Super Cover

35	Plastic Emulsion Paint	Asian Paints : Apcolite Heavy Duty Premium Emulsion Paint, Nerolac : Impression, Berger : Easy Clean, ICI-Dulux : 3 in 1
36	Premium Acrylic Emulsion Paints (Interior)	Asian Paints : Royale Luxury Emulsion, Nerolac : Impression, Berger : Silk, ICI Dulux : Velvet touch
37	Textured Exterior Paint	Asian paints, Nerolac, Berger Paints, Ultratech Paints, ICI-Dulux
38	Acrylic Smooth Exterior Paint	Asian Paints : Apex/ Professional Premium Exterior Emulsion, Nerolac : XL, Berger : Weather Coat, ICI-Dulux : Weather Shield
39	Premium Acrylic Smooth Exterior Paint with Silicon additive.	Asian Paints : Apex Ultima Nerolac : XL Total Berger : Weather Coat all guard, British Paint ICI-Dulux : Weather Shield max
40	Synthetic Enamel Paint	Asian : Apcolite Premium gloss enamel, Nerolac : Synthetic Hi gloss Berger : Luxol Hi gloss. British Paint ICI -Dulux : Gloss Synthetic enamel
41	Cement Primer	Nerolac, BP White (Berger), Decoprime WT(Asian), White primer (ICI), PrimaxX
42	Steel Primer (Red Oxide Zinc Chromate Primer)	Asian Paints, Nerolac, Berger, ICI
43	Wood Primer	Asian Paints (Wood Primer - White/Pink), Berger ICI, Nerolac,
44	Epoxy Paint	Asian, Nerolac, Berger, ICI, Kansai Akzo Nobel
45	Fire Paint	Asian Paints, Akzo Nobel Coatings India Ltd., PROMAT, Jotun,
46	G.I. / M.S. Pipes, Tubes	Tata, Jindal (Hisar), APL Apollo
47	G.I. Fittings	Unik, AVR, Zoloto
48	HDPE Pipes	Reliance, Jain Pipes, ORIPLAST, Supreme, Keshav Kripa Polyplast LLP

49	DI PIPES	Electrosteel, Jindal, TATA DUCTURA, Kapilansh, Kesoram
50	DI Fittings	Electrosteel, Jindal, TATA DUCTURA, Kapilansh, Kesoram
51	UPVC pipe and Fittings	Astral, Supreme, Ashirwad, Prince
52	Centrifugally Cast (spun) Iron Pipes & Fittings	NECO, Kapilansh, SKF, RPMF
53	C.I. Manhole covers, frames & GI Gratings	NECO, Kapilansh, SKF, RPMF
54	SFRC Manhole covers & gratings	KK, JAIN, PARGATI
55	CP Brass Fittings (Superior Range)	Jaquar, Grohe, Roca, Somany (French Collection), Royale of Asian Paints
56	CP Brass Fittings (Normal Range)	Hindware, Jaquar, Parryware, Somany, EssEss/Bathsense of Asian Paints, Kerovit make Kajaria
57 (a)	Sanitary ware, Fittings & accessories (Superior Range)	Kohler, Roca, Jaquar, Somany (French Collection), Royale of Asian Paints
57 (b)	Sanitary ware, Fittings & accessories (Normal Range)	Hindware, CERA, Jaguar, ROCA, Somany, EssEss / Bathsense of Asian Paints, Kerovit make Kajaria
58	Mirror Glass	Atul, Modi Guard, Jaquar, CERA, Gold Plus
59	CPVC Pipe & fitting	Astral, Supreme, Ashirwad, Prayag, Prince
60	Stainless Steel Sink	Neelkanth, Niralli, Jyna, Prayag
61	RCC Pipes (NP-2)	Lakshmi, Sood & Sood, Jain Pipe Co. (Newai), Mahaveer Enterprises (Newai), Work well spun pipes, Pali.
62	UPVC Doors & Windows (PROFILE makers & their authorized Fabricators only)	Fenesta, RHEAU, NCL VEKA Limited
63	Extruded Polystyrene Insulation Board	Dowcorning, Supreme, Texas, Analco

64	Heat Resistant Tiles	Swastik, Thermatek, Oswal Industries, Ashapura Tiles, Mayur Dynamic, Insullite, Inslite (Ashapura)
65	Gypsum Plaster	Ferrous Crete, Gyproc Saint Gobain, UltraTech, GypsomaxX
66	Floor hardener	Ironite, Ferrok, Hardonate
67	Modular Expansion Joint	Herculus, Sanfield India Ltd. Vexcolt
68	Glass Wool	Dow Corning, U.P. Twiga, Isover
69	UPVC doors and window hardware	Rotto, Dorset, Kinlong
70	AAC Block Adhesive	Xtralite, Orifix, Ardex Endura, Ferrous Crete, MYK Laticrete
71	AAC Block	UltraTech, Orilite, HIL-Aerocon, Aerotuff, Sri Cement, J.K. Laxmi
72	M.S. tubular windows Press steel door frames	Jangid Engineering, AGFUV, SEN HARVIC, NAVAIR Delhi, SUKRITI Delhi
73	WPC/PVC door shutters & frame	Rajshree, Polygreen, Plasto Green
74	Acrylic Modified Resin and Silica Quartz Mortar	Asian Paints, Nerolac, Berger Paints, Ultratech Paints, ICI-Dulax
75	Aluminium Composite Panel / Aluminium High Pressure Composite Panel	Alstone International, VIRGO, EUROBOND, ALUTUFF, VIVA

Schedule of Quantity

Name of Work : Up-Gradation of Ras Shastra Lab at NIA, Jaipur.

S. No.	Work Description	Qty	Unit	Rate	Amt in Rs.
1	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	55	sqm	54.65	3005.75
2	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Estate- in-charge.	32	sqm	56.35	1803.20
3	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
3.1	For thickness of tiles 10 mm to 25 mm	56	sqm	73.40	4110.40
4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
4.1	Cement mortar 1:6(1 cement : 6 coarse sand)	7.00	cum	9105.95	63741.65
5	Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.	130.70	sqm	405.34	52977.94
6	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.				
6.1	Two coats	757	sqm	137.45	104049.65
7	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	757	sqm	156.05	118129.85
8	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	757	sqm	19.75	14950.75
9	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels.				
9.1	Granite stone slab of colour black, Cherry/Ruby red				
9.1.1	Area of slab over 0.50 sqm	40	sqm	5136.3	205452.00
10	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Estate-in-Charge.				
10.1	Granite work	68	metre	510.95	34744.60
11	Providing and laying Vitrified tiles in diferent sizes				

	(thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete.				
11.1	Size of Tile 600x600 mm	8.00	sqm	1623.05	12984.40
12	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double acting hydraulic floor spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Estate-in-charge (Door handle, lock and stopper etc. to be paid separately).	27.80	sqm	5325.90	148060.02
13	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	3.00	each	854.65	2563.95
14	Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete.				
14.1	125 mm	12.00	each	119.20	1430.40
15	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, bufing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	85.00	kg	772.40	65654.00
16	Providing and fixing mineral fibre false ceiling tiles at all heights of size 595X595 mm of approved texture, design and pattern. The tiles should have Humidity Resistance (RH) of 99%, Light Reflectance \geq 85%, Thermal Conductivity $k = 0.052 - 0.057$ w/m K, Fire Performance as per (BS 476 pt - 6 &7) in true horizontal level suspended on interlocking T-Grid of hot dipped all round galvanized iron section of 0.33 mm thick (galvanized @120 gsm) comprising of main T runners of 15x32 mm of length 3000 mm, cross T of size 15x32 mm of length 1200 mm and secondary intermediate cross T of size 15x32 mm of length 600 mm to form grid module of size 600x600 mm suspended from ceiling using galvanized mild steel item (galvanised@80gsm) 50 mm long 8 mm outer diameter M-6 dash fasteners, 6 mm diameter fully threaded hanger rod up to 1000 mm length and L-shape level adjuster of size 85x25x2 mm, spaced at 1200 mm centre to centre along main 'T'. The system should rest on periphery walls /partitions with the help of GI				

	perimeter wall angle of size 24x24X3000 mm made of 0.40 mm thick sheet, to be fixed to the wall with help of plastic rawl plug at 450 mm centre to centre & 40 mm long dry wall S.S. screws. The exposed bottom portion of all T-sections used in false ceiling support system shall be pre-painted with polyester baked paint, for all heights. The work shall be carried out as per specifications, drawings and as per directions of the estate-in-charge.				
16.1	With 16 mm thick beveled tegular mineral fibre false ceiling tile (NRC 0.55 to 0.60)	37.5	sqm	2333.6	87510
17	Making / cutting required size opening in brick wall/stone masonry wall by machine including making the same with CC 1:2:4 and cement plaster 1:6 complete with material tools, finishing etc complete as per the direction of estate- in charge	4.5	cum	7450	33525
18	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Estate-in-charge. Note - Item to be applicable in urban areas having directions for restricted hours for movement/plying of load carrying motor vehicle of 3.5 cum or more.	50	cum	494.1	24705
19	P&F Film on Toughened Glass at Simulation lab as per direction of Estate In-charge.	56.00	Sq. Feet	62	3472
20	Filling the gap in between aluminium/ stone/ wood frame and adjacent RCC/Brick/ Stone/ wood/ Ceramic/ Gypsum work by providing weather/ structural non sag elastomeric PU sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete, complying to ASTM C920, DIN 18540-F & ISO 11600				
20.1	Upto 10 mm depth and 10 mm width	10.00	metre	200.95	2009.5
				Total	984880.06
				Say	984881.00

Note: The Contractor has to quote his rates in % above or below on estimated cost i.e. on Rs.9,84,881.00