GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

TENDER DOCUMENT

Name of Work: Construction of Staff Room For Learning Center and Public Gathering Center Multipurpose Hall at Thiksey Gonpa, Leh UT of Ladakh. (SH: Landscaping and Furnishing). (Recall)

ISSUED BY
Office of Executive Engineer and Senior Manager
Leh Project Division-III,
Central Public Works Department,
Leh, UT of Ladakh.

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

INDEX

Name of work: Construction of Staff Room For Learning Center and Public Gathering Center Multipurpose Hall at Thiksey Gonpa, Leh UT of Ladakh. (SH: Landscaping and Furnishing). (Recall)

.

S. NO.	Description
1	NIT
2	Schedule of Quantity and indicative figure

This NIT is approved for Rs. 78,02,752/- (Rupees Seventy-Eight Lakh Two Thousand Seven Hundred Fifty Two Only).

Assistant Engineer (P)
LPD-III, CPWD
Leh, UT of Ladakh.

Executive Engineer & Senior Manager
LPD-III, CPWD
Leh, UT of Ladakh.

\

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE

The Executive Engineer & Senior Manager, Leh Project Division-III, CPWD, Leh, UT of Ladakh-194101 (Phone No.: 7979821173) , email:leh-eesmlpd@cpwd.gov.in on behalf of the President of India invites online bids on percentage Rate basis in single bid system from CPWD enlisted contractors of appropriate class in Building & Roads category for the following work:

S. No.	NIT No.	Name of work & location	Estimated cost put to tender	Earnest Money	Period of Completion	Last date & time of submission of bid, copy of receipt of deposition of original EMD, and other documents as specified in the bid document	Time & date of opening of bid
1	2	3	4	5	6	7	8
1	02/EESM/LPD-III/2026-27	**Construction of Staff Room for Learning Center and Public Gathering Center Multipurpose Hall at Thiksey Gonpa, Leh UT of Ladakh. (SH: Landscaping and Furnishing). (Recall)**	₹ 78,02,752/-	₹ 1,56,055/-	45 Days	10.11.2026 up to 11:00 AM	10.11.2026 at 11:30 AM

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.

2. This information and instructions for bidders posted on website shall form part of bid document.

3. The bid document consisting of details of buildings, proposed roads, Specifications, 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 https://etender.cpwd.gov.in or www.cpwd.gov.in free of cost.

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

4. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand draft or Banker's Cheque or Fixed Deposit Receipts or/ and Bank Guarantee including e- Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified.

5. Those contractors who are not registered or have not updated their profile on the website mentioned above, are required to get registered/update their profile beforehand. The necessary training materials including the videos with step-to-step process are available on download section of https://etender.cpwd.gov.in

6. The intending bidder must have valid class-III digital signature certificate with encryption key (combo type) to perform any operations/transactions on the e-tendering portal / website and the bidder should download and install the eMsigner on their system as per instruction available on download section of https://etender.cpwd.gov.in

7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.

8. Contractor can upload documents in the form of JPG format and PDF format.

9. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in yellow color and the moment rate is entered, it turns sky blue.
   In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).

   However, If a tenderer quotes nil rates against each item in item rate tender or does not quote any 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 department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.

11. The contractor shall engage manpower duly verified by the local Police as per requirement of Client Department, nothing extra shall be paid on this account.

12. **Site information**

(i) The work is required to be carried out at **Thiksey Gonpa**, Leh, UT of Ladakh which is having extreme cold condition. No damage shall be allowed / reimbursed to the contractor on this account.

13. The List of Documents to be scanned and uploaded within the period of Bid submission.

a) Insurance Surety Bond, Demand Draft/ Account Payee Banker's Cheque / FDR/ Bank Guarantee of any commercial Bank (for balance amount as prescribed) against EMD in favor of **EXECUTIVE ENGINEER AND SM C 1, CPWD, Leh.**

b) Copy of Receipt of deposition of original EMD issued from division office of any Executive Engineer (including NIT issuing EE/AE), CPWD. **(Form – "A")**

c) Enlistment order of the contractor

d) GST registration certificate of the state where the work is to executed, if already obtained by the bidder.

If the bidder has not obtained GST registration as applicable, then in such a case the bidder shall upload the following undertaking with the bid document.

"If work is awarded to me, I/We shall obtain registration certificate as applicable within one month from date of receipt of award letter or before payment of 1st R.A. bill whichever is earlier, falling which, I/We shall be responsible for any delay in payments which will be due towards me on account of the work executed and/ or for any action taken by CPWD or GST department in this regard". **(Form "B")**

Executive Engineer & Senior Manager,
Leh Project Division-III,
CPWD, Leh, UT of Ladakh

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

CPWD-6	CPWD

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
CPWD-6 for e-TENDERING

1. The Executive Engineer & Senior Manager, Leh Project Division-III, CPWD, Leh, UT of Ladakh-194101 (Phone No.: 7979821173), email: leh-eesmlpd@cpwd.gov.in on behalf of the President of India invites online bids on percentage Rate basis in single bid system from CPWD enlisted contractors of appropriate class in Building & Roads category for the following work:

   Name of Work: - Construction of Staff Room for Learning Center and Public Gathering Center Multipurpose Hall at Thiksey Gonpa, Leh UT of Ladakh. (SH: Landscaping and Furnishing). (Recall)

   (i) The work is estimated to cost Rs. 78,02,752/- . This estimate, however, is given merely as a rough guide.

   (ii) Intending bidders is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude as specified in the tendered document.

   To become eligible for issue of bid, the bidders shall have to furnish an affidavit as under: -

   I/We undertake and confirm that eligible similar works(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 bidding 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 to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee. (Scanned copy to be uploaded at the time of submission of bid).

2. Agreement shall be drawn with the successful bidders on prescribed CPWD General Condition of Contract construction work 2023 which is available as a Govt. of India Publication and also available on website www.cpwd.gov.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 **45 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. The site for the work is available.
   The availability of architectural and structural drawings has been mentioned in Schedule-F.

5. The bid document consisting of details of proposed roads, 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 except Standard General Conditions of Contract Form can be seen on website https://etender.cpwd.gov.in or www.cpwd.gov.in free of cost.

6. After submission of the bid the contractor can re-submit revised bid any number of times or withdraw it before last time and date of submission of bid as notified. No post-tender modification is allowed by the tenderers except through negotiations, if required. In case, any tenderer does so, the tender will be rejected and the tenderer will be debarred for future tendering in CPWD for two years by the concerned enlisting authority (in case of CPWD enlisted contractor) and by the concerned CE/SE (in case of non-enlisted contractor).

7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.

8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.

9. Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e- Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks **(drawn in favour of EXECUTIVE ENGINEER AND SM C 1, CPWD, LEH)** shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of the Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

   Bank details of Executive Engineer & SM C1 CPWD, Leh are as below: -
   Account No. 40384399531
   IFSC code: - SBIN0001365
   State Bank of India, Main Market, Leh, UT of Ladakh.

   NOTE: **THE EXECUTIVE ENGINEER AND SM C 1, CPWD, LEH is CDDO for Executive Engineer, Leh Project Division – III, CPWD, Leh. Accordingly, the EMD is to be drawn in favour of EXECUTIVE ENGINEER AND SM C 1, CPWD, LEH.**

   A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee including e- Bank Guarantee of any Commercial bank having validity for a period of 90 days for single bid works and 180 days for

two bid system or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

The earnest money given by all the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. However, in case of two/ three bid system, earnest money deposit of bidders unsuccessful during technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the notice inviting e- tender shall be scanned and uploaded on the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in e- tender notice shall have to be submitted by the lowest bidder within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.

The bid submitted shall be opened at 11:30 AM on 10.11.2026

10. The bid submitted shall become invalid and e-Tender processing fee (if applicable) shall not be refunded if:
    (i) The bidder is found ineligible.
    (ii) The bidder does not upload scanned copies of all the documents stipulated in the bid document.
    (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
    (iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any 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.

11. The contractor whose bid is accepted will be required to furnish performance guarantee 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 Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks 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 Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. 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:**

"Construction of Staff Room For Learning Center and Public Gathering Center Multipurpose Hall at Thiksey Gonpa, Leh UT of Ladakh. (SH: Landscaping and Furnishing). (Recall)"

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 bidder 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 to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

13. The competent authority on behalf of the President of India 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. Canvassing, whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.

15. The competent authority on behalf of President of India 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.

16. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Housing and Urban Affairs. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

17. 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.

18. The bids for the work shall remain open for acceptance for a period of 30 (Thirty) days from the date of opening of bids in case bids are invited in Single bid system.

Further,

(i) If any tenderer withdraws his tender within 7 days after last date and time (24 hours basis) of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.

(ii) If any tenderer withdraws his tender after expiry of 7 days after last date and time (24 hours basis) of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.

(iii) Withdrawal of the tender, by the tenderer, shall only be made through e-tender portal. Any other method i.e. through letter / e-mail etc. Shall not be considered.

(iv) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.

19. This notice inviting Bid shall form a part of the contract document. The successful 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 Special and additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

(b) Standard C.P.W.D. Form 7 and Standard General Conditions of Contract for CPWD 2023 for Construction Works as amended/ modified up to last date of submission of bid.

~~20. ***For Composite Bids***~~

~~20.1.1 The Executive Engineer in charge of the major component will call bids for the composite work. The cost of bid document and Earnest Money will be fixed with respect to the combined estimated cost put to tender for the composite bid.~~

~~20.1.2 The bid document will include following three components:~~

~~**1:** CPWD 6, CPWD EPC including schedule A to F for the major component of the work,~~

~~Standard General Conditions of Contract for CPWD 2024 for EPC Projects as amended/ modified up to last date of submission of bid.~~

~~**2:** General / specific conditions, specifications and schedule of quantities applicable to major component of the work.~~

~~**3:** Schedule A to F for minor component of the work (competent authority under clause 2 and clause 5 shall be same authority as mentioned in schedule A to F for major components), General/specific conditions, specifications and schedule of quantities applicable to minor component(s) of the work.~~

20.1.3 The bidders must associate himself, with agencies as per NIT conditions.

20.1.4 The eligible bidders shall quote rates for all items of major component as well as for all items of minor components of work.

20.1.5 After acceptance of the bid by competent authority, the EE in charge of major component of the work shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into one agreement with EE in charge of major component and has also to sign two or more copies of agreement depending upon number of EEs in charge of minor components. One such signed set of agreement shall be handed over to EEs in charge of minor component(s).

EE of major component will operate civil part of the agreement. EE(E) in charge of minor component(s) shall operate E&M part of the agreement.

20.1.6 Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.

20.1.7 Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works.

20.1.8 The main contractor has to associate agencies for specialized component(s) conforming to eligibility criteria as defined in the bid document and has to submit detail of such agency(s) to Engineer-in-Charge of relevant component(s) within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer-in-Charge of relevant component(s).

20.1.9 In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer-in- Charge of relevant specialized component(s).

The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer-in-Charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.

20.1.10 The main contractor has to enter into MoU with agency(s) associated by him. Copy of such MoU shall be submitted to EE/ DDH in charge of each relevant component as well as to EE-in-charge of major component. In case of change of associate contractor, the main agency(s) has to enter into MoU/agreement with the new contractor associated by him.

Running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer-in-Charge of the discipline of minor component directly to the main contractor. The CMB shall be maintained independently by Engineer-in- Charge of major and minor components.

20.1.11 The composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by Engineer-in-Charge of major component after record of completion certificate of all other components.

20.1.12 Final bill of whole work shall be finalized and paid by the EE of major component. Engineer(s) in charge of minor component(s) will prepare and pass the final bill for their component of work and pass on the same to the EE of major component for including in the final bill for composite contract.

21. The intending bidders are required to update their profile in CPWD e- tender portal and to upload their bids well in advance of last date of submission of tender. Any issue related to updating profile/uploading tender can be resolved through the concerned Executive Engineer/ Assistant Engineer or ERP helpline no. 18001803286 or e-mail id cpwd.support@techmahindra.com. The e-tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.

EXECUTIVE ENGINEER & SENIOR MANAGER
LEH PROJECT DIVISION-III,
CPWD, LEH, UT OF LADAKH

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

Section-I
Brief scope of the work

1. Salient details of the work for which bids are invited are as under: -

S.No.	Name of work	Estimated Cost	Period of completion
1.	**Construction of Staff Room For Learning Center and Public Gathering Center Multipurpose Hall at Thiksey Gonpa, Leh UT of Ladakh. (SH: Landscaping and Furnishing). (Recall)**	Rs. 78,02,752/-	45 Days

1. **Testing by Engineer-in-Charge:**

   If the Engineer in charge requests any tests, they will be done at the bidder's expense. The tests shall be conducted by a reputable institute chosen by Engineer in charge. The submitted report can be verified by a third party. Failure to provide the required tests may result in rejection of that particular of as per direction of Engineer in charge. All testing charges shall be borne by the bidder.

2. The bidder shall also have to produce manufacturer test certificate for various materials such as Metal Sections, wood and wood-based material, hardware, boards, fabric etc. as per latest IS and international standards, in case same is demanded by the Engineer-in-charge.

3. The bidder shall be required to submit the tax paid invoices, e-way bill and any other document which prove that the material has been procured from the preferred manufacturer.

4. All furniture & hardware and material shall have comprehensive warranty for all components for a period of five years from the date of record of completion certificate as per enclosed warranty certificate against structural stability, faulty workmanship, defective materials, defective power coating & edge banding, welding etc. On receipt of a notice from the Engineer-in-charge, the rectification/replacement shall be done within 20 days from the date of receipt of notice failing which rectification shall be taken up at the risk & cost of the bidder.

5. Bidder must provide Escalation Matrix of Telephone Numbers for Service Support of furniture items of the bid.

6. **TIMELY SERVICING/RECTIFICATION OF DEFECTS DURING WARRANTY PERIOD:** After having been notified of the defects / service requirement during warranty period, bidder has to complete the required Service/ Rectification within 20 days of receipt of notification. The same shall be got rectified at the risk and cost of the bidder after which the department shall have the right to get the Service/ rectification done from alternate sources at

the risk and cost of the bidder besides forfeiture of Security Deposit. Bidder shall be liable to reimburse the cost of such service / rectification to the department.

7. The bidder shall have to submit the warranty certificate from OEM of preferred makes of furniture items as per prescribed proforma after completion of work.

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

LETTER HEAD OF OEM

WARRANTY CERTIFICATE (To be submitted after completion of work)

Name of work: Construction of Staff Room for Learning Center and Public Gathering Center Multipurpose Hall at Thiksey Gonpa, Leh UT of Ladakh. (SH: Landscaping and Furnishing).(Recall)

Invoice No.:

We, ……., hereby certify that all the mentioned products supplied in this work is covered under the warranty for the period of 5 years from the date of fixing/installation. During the warranty period all the defective products shall be replaced/repaired by us. Moreover, our exclusive remedy for a defective product that fails under normal commercial office use will also be repaired/replaced with a comparable product or component, free of charges during the warranty period.

I/We hereby undertake that on receipt of a notice from the Engineer-in-charge, the rectification/replacement shall be done within 20 days from the date of receipt of notice failing which rectification shall be taken up at the risk & cost of the bidder.

Transportation charges covering returned products will be borne by us only if such products are proven to be defective, are covered by this warranty, and are returned within the warranty period stated above.

Authorized Signatory

Name:
Designation:
Mobile No.:
E-Mail Id:

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

FORMS FOR FURNISHING INFORMATION

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

FORM 'A'

Receipt of deposition of original EMD (Receipt No…… /date .....)		
(i)	Name of work	**Construction of Staff Room For Learning Center and Public Gathering Center Multipurpose Hall at Thiksey Gonpa, Leh UT of Ladakh. (SH: Landscaping and Furnishing). (Recall)**
(ii)	NIT No.	02/EESM/LPD-III/2026-27
(iii)	Estimated Cost	Rs. 78,02,752/-
(iv)	Amount of Earnest Money Deposit	Rs. 1,56,055/-
(v)	Last date of submission of bid **(To be filled by Tender inviting authority/NIT approving authority at the time of issue of NIT and uploaded along with NIT)**	10.11.2026 upto 11:00 AM
(vi)	Name of the Contractor	……...#
(vii)	Form of EMD	……..……#
(viii)	Amount of EMD	……..……#
(ix)	Date of submission of EMD	……...#
Signature, Name and Designation of EMD receiving officer (EE/ AE(P)/ AE/ AAO) along with office stamp		
(# to be filled by EMD receiving EE or NIT issuing EE/AE as the case may be)		

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

FORM 'B'

UNDERTAKING REGARDING GST REGISTRATION

(On letterhead of bidder with stamp)

To.

Executive Engineer & Senior Manager
Leh Project Division- III,
CPWD, Leh, UT of Ladakh

Sub: - Submission of Tender for the work of

Name of Work: - Construction of Staff Room For Learning Center and Public Gathering Center Multipurpose Hall at Thiksey Gonpa, Leh UT of Ladakh. (SH: Landscaping and Furnishing). (Recall)

NIT No.:- 02/EESM/LPD-III/2026-27

Sir,

Having examined the details given in press notice and bid document for the above works,

I/ We hereby submit the following. "If work is awarded to me / us, I / We shall obtain GST registration certificate as applicable within one month from the date of receipt of the award letter or before release of any payment by CPWD, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on a/c of the work executed and/or for any action taken by CPWD of GST department in this regard.

Seal of bidder.

Date of submission

Signature (s) of Bidder(s)

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

On non-judicial stamp paper of minimum Rs. 100

(Guarantee offered by Bank to CPWD in connection with the execution of contracts)

Form of Bank Guarantee for Earnest Money Deposit /performance Guarantee/Security Deposit/Mobilization Advance/ refund of milestone withheld amount.

1. Whereas the Executive Engineer …….. (Name of division) ……. CPWD on behalf of the President of India (hereinafter called "The Government,) has invited bids under .....(NIT number) ..... dated …… for..... (name of work) …… The Government has further agreed to accept irrevocable Bank Guarantee for Rs. ..... (Rupees..... only) valid upto ..... (date)*..... as Earnest Money Deposit from ..... (Name and address of contractor)....., (hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

Whereas the Executive Engineer …… (name of division) ……CPWD on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number .....with .....(name and address of the contractor) ……. (Hereinafter called "the Contractor") for execution of work..... ... (name of work)..... The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. ..... (Rupees ……..... only) valid upto ..... (date)..... as Performance Guarantee/security Deposit/Mobilization Advance/Refund of milestone withheld amount from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

2. We, ... (indicate the name of the bank).....(herein after referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs,...,.....,..... (Rupees "'..... only) on demand by the Government within 10 days of the demand.

3. We, ... (indicate the name of the Bank).....do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. ……..... (Rupees ..... only).

4. We, ... (indicate the name of the Bank) ..... , further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending On non-judicial stamp paper of minimum Rs.100 before any court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

of our liability for payment thereunder and the contractor shall have no claim against us for making such payment.

5. We, ... (indicate the name of the Bank) ……further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions rerating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. We, ... (Indicate the name of the Bank) ……. further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.

7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.

8. We, ... (Indicate the name of the Bank)....., undertake not to revoke this guarantee except with the consent of the Government in writing.

9. This Bank Guarantee shall be valid up to …….. unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs ……. (Rupees..... only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date……..
Witnesses:

1. Signature ……
   Name and address

2. Signature ……
   Name and address

Authorized signatory
Name
Designation
Staff code no.
Bank seal

* Date to be worked out on the basis of validity period of 90 days where only financial bids are invited and 180 days for two/three bid system from the date of submission of tender.

** In paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for earnest money or for performance guarantee/security deposit/mobilization advance/Refund of milestone withheld amount, as the case may be.

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
Percentage Rate Tender & Contract for works

(A) Tender for the work of: **"Construction of Staff Room For Learning Center and Public Gathering Center Multipurpose Hall at Thiksey Gonpa, Leh UT of Ladakh. (SH: Landscaping and Furnishing)(Recall)"**

(i) To be uploaded by 11:00 AM on 10.11.2026. To be uploaded at https://etender.cpwd.gov.in.

(ii) To be opened in presence of tenderers who may be present at 11:30 AM on 10.11.2026 in the office of the EE & SM, LPD-III, CPWD, Leh.

TENDER

I/We have read and examined the notice inviting tender, schedule, A, D, E & F, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate, other documents, regulations, Acts 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 planning, designing and execution of the work as per scope mentioned in this tender document specified for the President of India within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the applicable municipal byelaws, regulations, Acts, NGT guidelines, 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 accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for **30 (Thirty) days** from the date of opening of bid for work and not to make any modification in its terms and conditions.

I/We have deposited EMD for the prescribed amount in the office of concerned Executive Engineer as per the bid document.

A copy of earnest money deposit receipt of prescribed amount deposited in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (as prescribed) issued by a Commercial Bank, is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely.

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 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 the Department, then I/We shall be debarred for tendering in CPWD as per enlistment rules applicable. Also, if such a violation comes to the notice of the Department before the date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

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 & integrity of the State.

Dated Signature of Contractor / bidder
Witness: Postal Address

Address:
Occupation:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of Rs..... (Rupees . .....)
The letters referred to below shall form part of this contract agreement:
(a)
(b)

For & on behalf of the President of India.
Signatures .....
Dated: Designation .....

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

PERFORMA OF SCHEDULES "A to F" (civil work)

SCHEDULE 'A'		
Schedule of work:		Enclosed
SCHEDULE 'D'		
Extra schedule for specific requirements/ Document for the work, if any:		As per the Tender document
SCHEDULE 'E'		
Reference to General condition of Contract:		CPWD's General Conditions of contract Construction Works – 2023 (with amendments upto last date of submission of bids)
Name of Work: "Construction of Staff Room For Learning Center and Public Gathering Center Multipurpose Hall at Thiksey Gonpa, Leh UT of Ladakh. (SH: Landscaping and Furnishing) (Recall)"		
Estimated cost of Work:		Rs. 78,02,752/-
(i)	Earnest Money:	Rs. 1,56,055/-
(ii)	Performance Guarantee	**Performance Guarantee**: (a) 5% of tendered value or Estimated Cost Put to Tender (ECPT) (Whichever is higher). (b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.
(iii)	Security Deposit:	2.5% of tendered value.
SCHEDULE 'F' **GENERAL RULES & DIRECTION**		
	Officer inviting bid:	Executive Engineer & Senior Manager, Leh Project Division- III, CPWD, Leh, UT of Ladakh
Definitions:		
2(i)	Engineer-in-charge:	Executive Engineer & Senior Manager, LPD-III, CPWD, Leh Or His successor thereof.
2(ii)	Accepting Authority:	Executive Engineer & Senior Manager, LPD-III, CPWD, Leh or His successor thereof.

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

2(iii)	Percentage on cost of materials and Labour to cover all overheads and profits:	15%
2(iv)	Standard Schedule of Rates:	DSR 2023 with applicable cost index & Market Rates
2(v)	Department	Central Public Works Department
	Standard CPWD Contract Form	CPWD's General Conditions of contract Construction Works - 2023 (with amendments upto last date of submission of bids)
	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 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.		Chief Engineer cum Executive Director, Leh Project Zone, CPWD Leh or successor thereof
Clause 5		
(i)	Authority to convey the decision of shifting of milestone and extension of time. (Engineer-in-charge or Engineer-in-charge of Major component in case of composite contracts, as the case may be)	Executive Engineer & Senior Manager, LPD-III, CPWD, Leh Or His successor thereof.
(ii)	Authority to decide rescheduling of milestone and extension of time. (SE / SE&PD / CE / CE&ED).	Chief Engineer cum Executive Director, Leh Project Zone, CPWD Leh or successor thereof
(iii)	Shifting of date of start in case of delay in handling over of site. (SE / SE&PD/CE/CE&ED).	Chief Engineer cum Executive Director, Leh Project Zone, CPWD Leh or successor thereof
Time allowed for execution of work		**45 Days**

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

Number of days from the date of issue of letter of acceptance for reckoning date of start.	**10 Days**

S. No.	Description of Milestone (Physical)	Time Allowed in cumulative Days (from stipulated date of start of work)	Amount to be withheld in case of non-achievement of milestone. (of contract value)
1.	Submission of shop drawings.	10 Days	0.5%
2.	Supply of Furniture and Completion of Civil Work	35 Days	2.0%
3.	Completion of overall work and handing over of site to the client	45 Days	2.5%

Monthly recovery for delay in submission of the monthly progress report within specified period- not exceeding Rs.1 Lakh per month for each month default.

PERFORMA OF SCHEDULES

Clause 5 : 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	Site is 100% available.	Site will be made available immediately after award of contract.
Part B	Portions with encumbrances	NIL	
Part C	Portions dependent on work of other agencies	NIL	NA

Schedule of issue of Design and drawings

Part	Description
All the design and drawings	The working architectural drawings and shop drawings shall be in the scope of the agency.

Clause 6 Computerized Measure Book (CMB) / Electronic Measurement Book (EMB)	(i) Mode of measurement: CMB

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

Clause7 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	Rs. 10 Lacs or part thereof as decided by Engineer-In-Charge.
Clause7A	
Whether clause 7A shall be applicable:	**Yes,** applicable. (No running account bill shall be Paid for the work till the applicable Labour, licenses registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-Charge).

Clause 8 Competent authority to inspect and issue Part /final completion certificate	Executive Engineer & Senior Manager, LPD-III, CPWD, Leh or His successor thereof.
Clause 8A	
Authority to decide compensation on account if contractor fails to submit completion plan:	Executive Engineer & Senior Manager, LPD-III, CPWD, Leh or His successor thereof.
Clause 10A List of testing equipment to be provided by the contractor at site lab:	As required by Engineer-in-charge
Clause 10B(ii) Whether Clause 10 B (ii) shall be applicable	No
Clause 10B(iii) Whether Clause 10B(iii) shall be applicable	No
Clause 10CC	Not Applicable

Clause 11	
Specification to be followed for execution of work:	1. Civil work: CPWD Specifications 2019 Volume-I & Volume-II with upto date Amendments and correction slips, for Items which are not covered in former **and manufacturer specifications**
Building information model (BIM) is applicable	No

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

Clause 12 Deviation Limit beyond which Clause 12.2 (C) shall apply for items mentioned in Schedule of Quantity	As per GCC 2023 (Construction Works) and its amendments up to the last date of submission of bids
Clause 16 Competent Authority for deciding reduced rates:	As per GCC 2023 (Construction Works) and its amendments up to the last date of submission of bids

Clause 19C Penalty for each default	EE, LPD-III, LPZ…. Authority to decide penalty for each default
Clause 19D Penalty for each default	EE, LPD-III, LPZ…. Authority to decide penalty for each default
Clause 19G Penalty for each default Enhanced penalty per day for continuous default	EE, LPD-III, LPZ…. Authority to decide penalty for each default
Clause 19K Penalty for each default	EE, LPD-III, LPZ…. Authority to decide penalty for each default
Clause-25	
(i) Conciliator:	ADG, Jammu CPWD or successor thereof
(ii) Arbitrator Appointing Authority:	Chief Engineer cum Executive Director, Leh, CPWD or Successor thereof.
(iii)Place of Arbitration:	Leh, UT of Ladakh
Clause 32 (i) : "Requirement of Technical Representative (s) and Recovery Rates" As per GCC for Construction works 2023	

Clause 38

(i) (a) Schedule / statement for determining theoretical quantity of cement & bitumen on the basic of Delhi Schedule of Rates 2023 printed by C.P.W.D and MoRTH.

(ii) Variations permissible on theoretical quantities:

(a) Cement	3% 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

Quality Assurance Plan

Guidelines and provisions specified in the "Hand book on Total quality management 2019" available on the official web site of CPWD i.e. www.cpwd.gov.in, shall be followed by contractor, in general. in the work.

The contractor shall submit a "Quality Assurance" plan for the work, within 15 days after award of work which shall be consisting of:

a) It should clearly indicate the machinery and other tool & plants required to be deployed at site by the contractor. Entire machinery and T&P may not be required at the start of work, therefore, a proper time schedule by which each machinery & T&P is to be brought at site should also be indicated.

b) The quality assurance programme should include method statement for various items of work to be executed along with check lists to enforce quality control.

c) Contractor shall be required to submit detailed method statement for all activities associated with the execution and completion of the work. Such method statement should contain all required details like checklists for pre, post and during execution of the activity/item of work, details of testing methodology, frequency, relevant testing standards as defined in the contract of the items involved in the activity. Engineer in charge reserves the right to direct any amendment/modification in the submitted method statement and contractor shall be bound to submit the amended/modified method statement as directed by Engineer in charge, after which only contractor shall be allowed to take up such activity. Contractor shall be required to get inspected any activity to be executed on a day from the Engineer in charge or his authorized representatives and get signed the checklist as per the method statement, after which only the activity on that particular day shall be allowed to start. Contractor shall be fully responsible for all contractual implications, for any delay caused, if any, on account of delay in submission of such method statement or modified method statement or checklists.

d) The contractor shall prepare all the needed shop drawings well in advance at his risk and cost deemed to be included in the overall quoted cost and get them approved before placing the order and execution of the item.

e) Contractor shall prepare and submit shop drawings for approval of Engineer in charge, before taking up different activities like doors, windows, plumbing for water supply and drainage, sewer lines & manholes with IL, Façade work & other Services etc or any other activity as directed by Engineer in charge. Contractor shall be required to make modifications as may be directed by the Engineer in charge in the submitted shop drawings and shall resubmit modified shop drawings. Contractor shall not be allowed to execute the related items without approval of such shop drawings and he shall be fully responsible for all contractual implications, for any delay caused, if any, on account of delay in submission of such shop drawings or modified shop drawings.

f) Shop drawings shall be submitted for approval four weeks in advance of planned delivery and installation of any material to allow the Engineer In-Charge ample time for scrutiny. No claims for extension of time shall be entertained because of any delay in the work due to his failure to produce shop drawings at the right time, in accordance with the approved program.

g) Before taking up the work, the contractor shall also provide integrated drawings for various civil and electrical services showing details of lay out plan including sectional elevations. Contractor shall plan and mobilize his resources as per the integrated drawings and as per the site conditions to facilitate

convenient execution, installation as well as maintenance of these services.

h) The contractor shall produce / procure all the materials in advance so that there is sufficient time for testing and approving of the material and clearance of the same before use in work.

i) Materials used on work without prior inspection and testing (where testing is necessary) and without approval of the Engineer-in-Charge are liable to be considered unauthorized, defective and not acceptable. The Engineer-in-Charge shall have full powers to order the removal of any or all of the materials brought to site by contractor which are not in accordance with the contract specifications or do not confirm, in character or quality to the samples approved by the Engineer-in-Charge. In case of default on the part of the contractor in removing rejected materials, the Engineer-in-Charge shall be at liberty to have them removed at the risk and cost of the contractor

j) The contractor shall give performance test of the entire installation(s) as per the specifications in the presence of the Engineer-in-charge or his authorized representative before the work is finally accepted.

k) Wherever work is specified to be done through specialized agencies, their names shall be got approved well in advance from Engineer in charge. Failure to do so shall not justify delay in execution of work. The contractor should negotiate with concerned specialist agencies and send their names with all required requisite documents, for approval to Engineer in charge within 15 days of issue of letter of award of work.

l) Samples of various materials required for testing shall be provided free of charges by the contractor. All other expenditure required to be including testing charges, taking the samples; conveyance, packing etc. shall be borne by the contractor himself.

m) The contractor or his authorized representative shall associate in collection, preparation, forwarding and testing of such samples. In case, he or his authorized representative is not present or does not associate him, the results or such tests and consequences thereon shall be binding on the contractor.

n) For certain item, if frequency of tests is not mentioned in the CPWD Specifications, then relevant BIS code shall be followed and tests shall be carried out as per the frequency specified therein.

o) If any load testing or special testing is to be done for any sample whose strength is doubtful, the cost of the same shall also be borne by the contractor.

p) Samples of all materials and fittings to be used in the work in respect of brand manufacturer and quality shall be got approved from the Engineer-in-Charge, well in advance of actual execution and shall be preserved till the completion of the work. If a particular brand of material is specified in the item of work in Schedule of Quantity, the same shall be used after getting the same approved from Engineer-in-Charge. Wherever brand / quality of material is not specified in the item of work, the contractor shall submit the samples as per approved list of brand names given in the tender document/ additional specifications for approval of Engineer-in-charge. For all other items, materials and fittings of ISI Marked shall be used with the approval of Engineer-in-Charge. Wherever ISI Marked material / fittings are not available, the contractor shall submit samples of materials / fittings manufactured by firms of repute conforming to relevant specifications or IS codes and use the same only after getting the approval.

q) The contractor shall get the source of all other materials, not specified elsewhere in the document, approved from the Engineer-in-Charge. The contractor shall stick to the approved source unless it is absolutely unavoidable. Any change shall be done with the prior approval of the Engineer-in-Charge

for which tests etc. shall be done by the contractor at his own cost. Similarly, the contractor shall submit brand/ make of various materials not specified in the agreement, to be used for the approval of the Engineer-in- Charge along with samples and once approved, he shall stick to it.

r) The Stone aggregate to stone, sand shall be brought from any approved quarries subjected to the said materials conforming to CPWD specifications.

s) Before taking up the finishing work such as flooring, plastering, false ceiling, paneling, contractor shall prepare full-scale sample unit of each of such unit like toilet, room, corridor etc., for large-scale repetitive items and get approved from Engineer-in-Charge before taking up for execution on large scale.

t) Based on the samples approved by the Engineer-in-Charge for various flooring and dado/ cladding materials as specified hereinafter, the contractor shall prepare mock up(s) at actual site of work as specified under relevant flooring and dado / cladding items, for approval of quality of workmanship and material specified. If the quality of the workmanship and the material is as per the required standards and approved by the Engineer-in- Charge, the mock up shall be allowed as part of the work and measured for payment.

u) The contractor shall prepare & display mock-ups in actual position of each and every item and obtain approval of Engineer-in-charge before execution in mass.

v) The contractor shall invariably prepare the samples of finishing items i.e. flooring of different types, external & internal finishing i/c color scheme of paint, tiles/stones in dado, false ceiling, doors, windows, paneling, 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 in writing from Engineer-in-charge. No extra claim whatsoever beyond the schedule of quantities will be entertained from the contractor on this account.

w) The construction joints shall the provided in predetermined locations only as decided by Engineer in charge.

x) All the hidden items such as water supply lines, drainage pipes, conduits, sewers etc. are to be properly tested as per the design conditions submitted before covering it. Receipt of Material, testing of the same and maintenance of register of tests.

y) All the registers of tests, receipt of materials (MAS account) carried out at construction site or in outside laboratories shall be maintained by the contractor which may be inspected by Engineer-in-charge or his/her representative at any point of time.

z) The contractor shall allow access to Third Party Quality Assurance Agency (TPQAA) engaged by Engineer-in-charge to have a control on quality and methodology of execution.

1.1. **Method Statement:**

(a) Contractor shall submit detailed method statement for all major activities/items of the work. The method statement should contain all the required details like

- Description of Item,
- Step-wise elaborate procedure to implement the same,
- Pre-construction, during construction and post-construction checklist,
- Details of tools, equipment and machinery to be used,
- Make and specifications of materials to be used,

- Role and responsibilities of Managers/Engineers/ Supervisors involved in the activity.
- Tests to be conducted, frequency of testing, relevant testing standards
- Precautions, Safety aspects for execution of work.
- Mode of Measurement, among others

(b) Engineer-in-charge shall reserve the right to seek corrections/amendment in the submitted method statement. The contractor shall submit the corrected / amended method statement as directed by Engineer in charge. Contractor shall execute an activity only after the approval of method statement by the Engineer-in-charge.

(c) For each and every activity before start of same in particular area, checklist shall be filled and signed by the contractor's site in-charge/engineer, supervising that area (Civil as well as E&M) as well as Assistant Engineer /Assistant Executive Engineer of department, in-charge of respective work. Contractor shall ensure examination/inspection of work by the Engineer in charge or his authorized representatives at various stages of the activity and get his signature on checklist for the activity as per the method statement.

(d) No compensation or hindrance for EOT of work will be granted to the contractor for delay caused in execution of work owing to delay in submission of method statement or modified method statement and approval of same by Engineer-in-charge.

1.2. **Approval of Materials:**

(a) Samples of all materials and fittings to be used in the work shall be got approved from the Engineer-in-Charge, well in advance of actual execution of corresponding item/work at site. Contractor shall be required to submit different samples of material/fittings/items for selection and approval of Engineer-in-charge unless otherwise directed by the Engineer- in-charge. If none of the samples submitted by contractor are approved by Engineer-in-charge, contractor shall submit new samples of materials/items, in conformity of specifications and requirements stipulated in the contract, for approval of Engineer-in-charge.

(b) Contractor shall submit samples of an item/material from preferred make list and makes/models/manufacturers specified in the contract document, for approval by Engineer-in-charge. Before proposing any material/item, contractor shall ensure that the product conform to the specifications/parameters mentioned, technical specifications, CPWD specifications and other applicable relevant codes. Items which satisfy these parameters shall only be approved and the decision of Engineer- in- charge shall be final and binding.

(c) Materials /items for which preferred make/models are not specified in the contract document, ISI marked materials/items shall be used with prior approval of Engineer-in-Charge, However, if ISI marked material / items are not available, the contractor shall submit manufacturer details, specifications, test certificates and samples of materials / items for prior approval of Engineer-in-charge. Contractor must procure material/ items manufactured by reputed manufacturers.

(d) The approved samples shall be preserved safely at site by the contractor, till completion of work. Contractor shall make a yard room for storing approved samples. The samples, kept in this room, shall be labelled and stored in an orderly manner to enable easy access at any time during the entire period of execution of work.

(e) The contractor shall submit details of source of materials, whose manufacturer / supplier is not specified in the contract document, for prior approval of the Engineer-in-Charge. The contractor shall procure material from approved source only. Any change of source shall be done with the prior

approval of the Engineer-in-Charge.

(f) Materials used on work without prior approval of the Engineer-in-Charge and inspection and testing (where testing is necessary) shall be liable to be considered unauthorized, defective and not acceptable.

(g) The Engineer-in-Charge shall have full powers to order the contractor to remove of any material brought to site which are not in accordance with the contract specifications or do not conform to the samples approved by the Engineer-in-Charge. In case the contractor fails to remove the rejected materials, the Engineer-in-Charge shall get it removed at the risk and cost of the contractor

(h) The contractor shall produce / procure all the materials in advance so that there is sufficient time for testing and approving of the material and clearance of the same before use in work.

(i) **Sample Preparation and Mock up units at site:** The contractor shall invariably prepare the samples at site of finishing items of work such as flooring of different types, Stone cladding, Structural Glazing, Painting, Tiles/stones work, false ceiling, doors, windows, dry wall paneling/partitions, flooring in staircase, modular railings, water supply & sanitary fittings, furniture, furnishing and any other item as per direction of Engineer-in-charge. The size of samples and items for which samples are to be prepared by contractor shall be decided by Engineer-in- charge and contractor shall abide by the same. Samples shall be required to facilitate Engineer-in-charge assess the standard of material quality, workmanship, aesthetics and potential problems and conflicts in execution of work. The contractor shall execute finishing items only after getting the samples of these items approved from Engineer-in-charge. The samples shall be preserved, for the purpose of reference, till completion of the item represented by the sample and thereafter, it shall be removed from site by the contractor at his own cost. The contractor shall dismantle and remove the rejected sample from the site of work at his own cost, as per directions of Engineer-in-charge.

(j) The main objective of samples and mock ups shall be to address following aspects:

- To determine whether the Contractor and his associate agencies possess required skills necessary to execute the work, assemblies or systems such that the built construction will satisfy specified requirements
- To understand the sequence of operations and discuss alternative sequencing options, if any
- To assess the standard of workmanship and aesthetics that are to be replicated throughout the project
- To recognize and resolve potential areas of conflict prior to the commencement of construction of said work on full scale.

(k) If the quality of the workmanship and material in the full-scale mock-ups is as per the required standards and approved by the Engineer-in- Charge, the mock up unit shall be allowed as part of the work and measured for payment. Otherwise, it shall be dismantled by the contractor as directed by the Engineer-in-Charge and taken away from the site of the work at his own cost.

(l) Contractor to make mock-up in advance to achieve timelines/milestones specified in the contract agreement and directions of Engineer-in-charge.

(m) Approval of the samples of items and mock-up units by the Engineer-in- charge shall not absolve the Contractor from the responsibility of replacing defective material brought at site or materials used in the work but found defective at a later date. The Contractor shall have no claim to any payment or compensation whatsoever on account of any such materials being rejected by the Engineer-in-charge.

(n) Contractor shall remain fully responsible for quality of actual work executed at site as per terms of contract, irrespective of approval of samples and mock-up of items.

1.3. **Testing of Materials:**

(a) Routine field tests, for which facilities are not available in field laboratory, shall be got tested from external test laboratories, approved by Engineer- in-Charge.

(b) Tests and frequency of testing to be performed in external laboratory shall be as specified in CPWD specifications and as decided by Engineer-in- charge.

(c) External test laboratories shall be laboratories of Government Institutes/IITs/NITs/Central and State Research Centers/Centrally and State Funded Laboratories etc. or any lab approved by Engineer-in-charge.

(d) All expenditure on testing of samples in on-site laboratory and external approved laboratory such as cost of sample, packing and sealing, transportation, loading, unloading, testing charges etc. shall be borne by the contractor.

(e) All test samples will be collected/selected by the Engineer-in-charge or his authorized representative. The contractor or his authorized representative shall associate in collection, preparation, forwarding/submission of test samples. If contractor or his authorized representative does not associate in this process, the test results of samples collected by Engineer-in-charge or his authorized representative and consequences thereof, shall be binding on the contractor.

(f) If any load testing or special testing is to be done for any sample of work or item, whose strength/performance is doubtful, the cost of such tests shall also be borne by the contractor.

(g) As per test reports, if any material/work fails to meet the acceptance criteria, it shall be removed from the site by the contractor at his own cost. New material shall be procured by the contractor and/or work shall be redone/rectified by the contractor at his own cost. In the absence of any specified test/acceptance criteria, the decision of the Engineer-in-charge shall be final and binding as to whether the said defective material/work be removed and substituted with other suitable material or rectifications to be done. The contractor shall bear all the expenses for any further tests considered necessary.

(h) The contractor shall produce, on demand from Engineer-in-charge, the manufacturers' certificates for materials brought to site.

(i) If Engineer-in-charge feels that the material supplied is not as per required specifications even if it is ISI approved and have manufacturers certificate, he can send the sample of such material also for testing in approved lab.

(j) The Engineer-in-charge or his authorized representative shall be free to visit the manufacturer unit/facilities, at all reasonable times, to witness and inspect the testing of an item/material to be used in work. The Contractor has to arrange facilities for inspection of equipment /materials including conducting the required tests in the manufacturing unit within India. However, the travelling, lodging and boarding and related expenditure on visit of Engineer-in-charge or his authorized representative shall be borne by the department as per applicable rules.

(k) It shall be duty of contractor to ensure that all manufactured items and materials procured at site for the work are as per relevant specifications and contract requirements.

(l) Performance test: The contractor shall conduct performance test of hidden items/services such as water supply and sanitary lines, drainage pipes, conduits, sewers, water proofing in toilets /terrace etc. as per the specifications, in the presence of the Engineer-in-charge or his authorized representative, before covering these services/items.

(m) The samples for tests shall be in all cases, will be selected by the Engineer- in-charge and supplied by the contractor free of cost as part of the contract. If at any time, any material so tested, fails to meet the acceptance criteria, the same shall be removed from the site of works and other materials substituted therefore, but in the absence of any specified test/acceptance criteria, the decision of the Engineer-in-charge shall be final and binding as to whether the said material or materials shall be used on the works, or forthwith removed and other material substituted.

(n) The contractor shall produce on demand from Engineer-in-charge, the manufacturers' certificates certifying that the materials conform to the technical specifications. For other materials which are ISI/ BIS marked, manufacturer's certificate shall be considered as fulfilling the mandatory test requirement. However in case Engineer-in-charge feels that the material supplied is not of required specifications even if it is ISI/BIS approved and have manufacturers certificate, he can send the sample

to the approved lab for testing.

(o) The contractor shall permit the Engineer-in-charge or his authorized representative to be present during any of or all the tests. The notification to the Engineer-in-charge that the work has been completed, the contractor shall make under the direction and in the presence of Engineer-in-charge such tests and inspections as have been specified or as the engineer-in- charge shall consider necessary to determine whether or not the full intent of requirements of the plans and specifications have been fulfilled. in case the work does not meet the full intent of the specifications it shall be rectified by the contractor at no extra cost and the contractor shall bear all the expenses for any further tests considered necessary.

(p) The contractor shall arrange for conducting the tests specified in Quality Plan in the presence of an officer, authorized by the Engineer-in-Charge. Full records of all the tests conducted shall be maintained by the contractor in the format given by Engineer-in-Charge which will be made available to the Engineer-in-Charge or to any officer authorized by him whenever required.

(q) The Department's representative shall be free to visit the manufacturer work at all reasonable times to witness and inspect the testing of furniture. It is the duty of contractor to see that all the furniture supplied are tested as per relevant IS specifications. The contractor shall furnish manufacturer test certificate for the routine test conducted on the furniture offered if necessary the contractor shall arrange to conduct the entire routine test at the manufacturer premises in presence of Engineer-in-charge or his authorized representative on receipt of material/equipment at site the contractor shall offer equipment/material for inspection and get approved before installations.

1.4. **Maintenance of Tests and Material Procurement Records:**

(a) **Maintenance of Register of Tests-** All tests carried out at construction site, in house laboratory or outside laboratories shall be recorded in the test registers by the contractor's engineer and reviewed by Engineer-in-charge and/or his authorized staff. Contractor shall procure printed registers, at his own cost, as per format approved by the Engineer in charge. All such registers, procured by the contractor shall be duly issued by Engineer-in- Charge for use of the lab/field staffs. Contractor shall keep all the registers updated with latest valid entries and produce for inspection on the direction of engineer in charge or his authorized representatives. Safe custody of all test records shall be responsibility of contractor till the completion of work. On completion of work, all test records shall be handed over to Engineer- in-charge by the contractor. Scanned copy of test records shall be submitted by the contractor to the Engineer-in-charge every quarter.

(b) **Maintenance of Material at Site (MAS) Register-** Contractor shall duly record all receipts and issues of Cement, Reinf. Steel, structural steel, paints, other materials etc. in the MAS, Cement and paint registers etc. and to be reviewed by Engineer-in-charge and/or his authorized staff. Contractor shall procure printed registers, at his own cost, as per format approved by the Engineer in charge. All such registers, procured by the contractor shall be duly issued by Engineer-in-Charge for use of the lab/field staffs. Contractor shall be responsible for safe custody of all records i.e. MAS, cement, paint, steel registers and other materials, till the completion of work. On completion of work, all records shall be handed over to Engineer-in-charge by the contractor. Scanned copy of above records shall be submitted by the contractor to the Engineer-in-charge every quarter.

(c) These records shall be inspected by Engineer-in-charge or his/her authorized representative regularly. The records shall be available to the Engineer-in-Charge or his authorized representative whenever required.

(d) All the entries in the material procurement registers (MAS registers) and test registers will be done by the designated engineering staff of the Contractor. All entries in records shall be done on daily basis, as soon as the procurement and test of material is carried out at site.

(e) MTC, bills / invoice of procured materials, test reports of materials tested in external laboratories etc. shall be maintained at site by the contractor's engineers.

(f) The contractor shall provide access to all records to Third Party Quality Assurance Agency (TPQAA) engaged by Engineer-in-charge for their inputs in quality assurance in the work.

1.6 Drawings and Documents:

a) The works to be undertaken by the contractor shall inter alia include the following:

I. Preparation of detailed SHOP drawings and AS BUILT drawings wherever applicable.

II. Pre-construction, during construction & post construction local body clearance wherever applicable.

III. Pre-commissioning tests as per relevant standard specifications, code of practice, Acts and Rules wherever required. Warranty obligation for the equipment and/or fittings/fixtures supplied by the contractor effective from the actual date of completion of work.

b) Correlation/Coordination among drawings:

The contractor shall correlate all the relevant architectural, structural and all services drawings as well as SOQ/Scope of work and specifications and satisfy himself that the information available is complete and unambiguous. In case of any ambiguity; Contractor shall raise the concern well in advance so that progress of the work remains unhindered. The contractor alone shall be responsible for any loss or damage occurring by the commencement of work based on any erroneous and or incomplete information and no claim whatsoever shall be entertained on this account.

1.7 Shop Drawings:

(a) Contractor shall prepare shop drawings based on the detailed/intent drawings and wherever specified in the contract document. Contractor shall prepare and submit shop drawings for items of contract in which preparation of shop drawings by contractor and or his vendors/manufacturers is specified. Beside this, items involving design and detailing under the scope of contractor/vendor/manufacturer, shall also require preparation and submission of shop drawings by the contractor.

(b) ~~The contractor shall prepare shop drawings with clash free layout of all services and building elements, on BIM model, proposed to be finally executed at work by him / his vendors and submit it to Engineer-in-charge.~~

(c) ~~The contractor shall prepare and submit shop drawings compatible with BIM model as well as AutoCAD software.~~

(d) The Contractor shall prepare and submit a detailed program for the preparation and submission of the shop drawings which should be compatible to the integrated program chart for the whole construction work.

(e) Contractor shall be responsible to ensure the shop drawings are in compliance of SOQ items/Scope of work, GFC drawings, design intents, stipulated specification and condition of contract agreement.

(f) Contractor shall be required to make modifications, if required by the Engineer in charge, in the submitted shop drawings and shall resubmit modified shop drawings. When a shop drawing is revised, the particulars of the current revision shall be clearly marked or circled to facilitate checking. All prior revision numbers and references of drawings possibly superseded by the current issue shall also be clearly shown.

(g) After finalization of shop drawings, sampling and mock-up of item shall be carried out at site. Thereafter, the item shall be taken up for full-fledged execution at site.

(h) The contractor shall prepare all the needed shop drawings well in advance and submit to Engineer-in-charge for his inputs, if any, before placing the order and execution of the item. Shop drawings shall be submitted to Engineer-in-charge, at least four weeks in advance of planned production, delivery and installation of any material to allow the Engineer-in-Charge ample time for scrutiny and give comments if any.

(i) Contractor shall be fully responsible for any delay caused, on account of delay in finalisation of shop

drawings or modified shop drawings. No claims for extension of time shall be entertained because of any delay in the work due to his failure to produce shop drawings at the right time, in accordance with the approved program.

(j) Cost of all shop drawings and form work drawings to be furnished by the Contractor shall deem to be included in his tendered rates/quote for the work.

1.8. Workmanship:

(a) All work shall be executed with high quality of material and workmanship. Stringent quality control shall be ensured by the contractor of all the activities.

(b) **Quality of work is of paramount importance**. Contractor will be required to engage well-experienced supervisors, engineers, skilled labour and deploy modern T&P and other equipment to execute the work in a time bound manner.

GENERAL CONDITIONS

1. The work shall be carried out according to specifications of CPWD specification 2019 Volume I to Volume II, including correction slips upto date of submission of bid and particular specifications, additional conditions of the contract.

2. The contractors shall quote their rates inclusive of all sorts of taxes, cartage, royalties etc., complete.

3. Unless otherwise specified, the agreement rates for all items of work of the schedule of quantities are for all heights, depths, leads and lifts involved in the execution of work.

4. The contractor shall make his own arrangement of generators for carrying out electrical activities.

5. Other agencies working at site will also simultaneously execute the work entrusted to them and the contractor shall offer necessary co-operation wherever required to other agencies.

6. On account of security consideration, there could be some restrictions on the working hours, movement of vehicles for transportation of materials. The contractor shall be bound to follow all such restrictions and adjust the programme for execution accordingly.

7. The work shall be carried out in a manner complying in all respects with the requirements of relevant bye laws of the local bodies, labour laws, minimum wages act, workmen compensation act and other statutory laws enacted by Central Government as well as State Government.

8. No claims of the labour shall be entertained by the Department including that of providing employment, regularization of services etc.

9. The staff employed by the contractor should be well behaved, Polite & courteous. Any complaint against staff on behavior should be taken very seriously and such should be removed by the contractor immediately from the site.

10. The contractor shall make all safety arrangement required for the labour engaged by him at his own cost. All consequences due to negligence or due to lapse of security/safety or otherwise shall remain with the contractor. The department shall not be responsible for any mishap, injury, accident or death of the contractor's staff. No claim in this regard shall be entertained /accepted by the department.

11. Contractor shall be fully responsible for any damages caused to govt. Property by his labour/staff in carrying out the work and shall be rectified by the contractor at his own cost

12. GST/Income Tax/other taxes as applicable shall be recovered from the contractor's bill.

13. Unforeseeable difficulties/situations:

13.1 Except as otherwise specifically stated elsewhere in the contract:

13.2 The agency shall be deemed to have obtained all necessary information as to risks, contingencies and other circumstances which may influence or affect the works.

13.3 By signing the contract, the agency accepts total responsibility for having foreseen all difficulties and costs of successfully completing the works.

13.4 The contract amount shall not be adjusted to take account of any unforeseen difficulties or costs.

14. **ALL HEIGHTS, LIFTS, LEADS AND DEPTHS**

Unless otherwise specified in tender document, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building and nothing extra shall be payable to him on this account.

15. **DAMAGE CAUSED BY RAIN, SNOWFALL, FLOOD OR ANY OTHER NATURAL CALAMITY**

No payment shall be made for any damage caused by rain, snowfall, flood or any other natural calamity, whatsoever during the execution of the work. The contractor shall be fully responsible for any damage to the government property and the work for which payment has been advanced to him under the contract and he shall make good the same at his risk and cost. The contractor shall be fully responsible for safety and security of his material, T&P/Machinery brought to the site by him.

16. **WATCH AND WARD/GUARD OF THE BUILDINGS**

The contractor shall be responsible for the watch and ward/guard of the works executed by them, safety of all fittings and fixtures including all equipment, services provided by him against pilferage and breakage during the period of Installations and thereafter till the buildings are physically handed over to the client. No extra payment shall be made on this account and no claim shall be admissible on this account for this period.

17. **SETTING OUT**

17.1 It shall be responsibility of the contractor to ensure correct setting out of alignment. Real Time Kinematics / Total Station survey instruments only shall be used for layout, fixing boundaries, and Centre lines, etc., Nothing extra shall be payable on this account.

17.2 Though the site levels are indicated in the drawings the contractor shall ascertain and confirm the site levels with respect to benchmark from the concerned authorities. The contractor shall protect and maintain temporary/ permanent benchmarks at the site of work throughout the execution of work. These benchmarks shall be got checked by the Engineer-in-Charge or his authorized representatives. The work at different stages shall be checked with reference to bench marks maintained for the said purpose. Nothing extra shall be payable on this account.

17.3 The contractor shall be entirely and exclusively responsible for the horizontal, vertical and other alignments, the level and correctness of every part of the work and shall rectify effectively any errors or imperfections therein. Such rectifications shall be carried out by the Contractor at his own cost to the entire satisfaction of the Engineer-in-Charge.

18. SCAFFOLDING/ SHUTTERING

Wherever required for the execution of work, all the scaffolding shall be provided and suitably fixed, by the Contractor. It shall be provided strictly with steel double scaffolding system, suitably braced for stability, with all the accessories, gangways, etc. with adjustable suitable working platforms to access the areas with ease for working and inspection. It shall be designed to take all incidental loads. It should cater to the safety features for workmen. Nothing extra shall be payable on this account. It shall be ensured that no damage is caused to any structure due to the scaffolding. At the request of contractor, the use of Marine Ply shuttering for beams and columns may be permitted by Engineer-in-Charge. Nothing extra shall be paid on this account. Foam Sheet/ Jointing tape shall be used in the joints of shuttering to ensure no leakage of cement slurry. Nothing extra shall be paid on this account.

19. SUBMISSION AND DOCUMENTATION

19.1 The Contractor shall display all permissions, licenses, registration certificates, bar charts, other statements etc under various labour laws and other regulations applicable to the works, at his site office. He should also keep at site at least one set of BIS Codes and other relevant codes at site and produce the same if asked for by Engineer-in-Charge. In case of non-compliance, these codes will be purchased from the market and actual cost of purchase will be recovered from the next RA Bill of the Contractor.

19.2 The Contractor shall make available four (04) sets of completed Building Drawings and services drawings like drainage, sewerage, water supply, road and electrical installations, "As Built Drawings" along with literatures, manuals, warranty certificates etc. of various installed fittings, fixtures and equipment for the completed projects. This shall be the

prerequisite for payment of final bill.

20. **PROGRAMME CHART:**

The Contractor shall prepare an integrated programme chart within fifteen days of issue of award letter including civil as well as E & M activities for the execution of work, showing clearly all activities from the start of work to completion, with details of manpower, equipment and machinery required for the fulfilment of the program within the stipulated period and submit the same for approval of the Engineer-in-Charge. These shall be submitted by the contractor through electronic media besides forwarding hard copies of the same. The integrated programme chart so submitted should not have any discrepancy with the physical milestones attached in the contract agreement. The programme chart should include the following:

20.1 Descriptive note explaining sequence of various activities.

20.2 Construction Programme prepared on PRIMAVERA Software, which will indicate resources in financial terms, manpower and specialized equipment for every important stage.

20.3 Programme for procurement of materials by the contractor.

20.4 Programme for arranging and deployment of manpower both skilled and unskilled so as to achieve targeted progress.

20.5 Programme of procurement of machinery/equipment having adequate capacity, commensurate with the quantum of work to be done within the stipulated period, by the contractor.

20.6 Programme for achieving fortnightly micro milestones and periodic milestones.

20.7 In case of noncompliance/delay in compliance in this, a recovery @ Rs. 5,000/- per day will be imposed which will be recovered from the immediate next R/A Bill of the Contractor.

20.8 If at any time, it appears to the Engineer-in-Charge that the actual progress of work does not conform to the approved programme referred above, the contractor shall produce a revised program within seven days showing the modifications to the approved program by additional inputs to ensure completion of the work within the stipulated time. A recovery of Rs. 5,000/- shall be made on per day basis in case of delay in submission of the modified programme.

20.9 The submission for approval by the Engineer-in-Charge of such programme or the furnishing of such particulars shall not relieve the contractor of any of his duties or responsibilities under the contract. This is without prejudice to the right of Engineer-in-Charge to take action against the contractor as per terms and conditions of the agreement.

21. DE-WATERING

21.1 De-watering required, if any, shall be done conforming to BIS Code IS: 9759 (guide lines for dewatering during construction) and / or as per the specifications approved by the Engineer-in-Charge. Design of an appropriate and suitable dewatering system shall be the Contractor's responsibility.

21.2 Such scheme shall be modified / augmented as the work proceeds based on fresh information discovered during the progress of work, at no extra cost. At all times during the construction work, efficient drainage of the site shall be carried out by the Contractor and especially during the laying of plain cement concrete, taking levels etc. The Contractor shall also ensure that there is no danger to the nearby properties and installations on account of such lowering of water table. If needed, suitable precautionary measures shall be taken by the Contractor. Also the scheme of dewatering adopted shall have adequate built in arrangement to serve as stand-bye to attend to repair of pumps etc. and disruption of power / fuel supply. Nothing extra shall be payable on this account.

21.3 In trenches where surface water is likely to get into cut / trench during monsoons, a ring bund of puddle clay or by any other means shall be formed outside, to the required height, and maintained by the Contractor. Also, suitable steps shall be taken by the Contractor to prevent back flow of pumped water into the trench. Nothing extra shall be payable on this account.

21.4 For works below ground level the contractor shall keep that area free from water. If dewatering or bailing out of the water is required, the contractor shall do the same at his own cost and nothing extra shall be paid. Nothing extra shall be paid for execution of work in or under water and / or liquid mud including pumping out of water as required.

22 The huts for labour are not to be erected at the site of work by the contractors. He is required to make his own arrangements for labour accommodation and nothing extra shall be paid by CPWD on this account. He shall also arrange place for yard for keeping various materials, cement/ steel store outside of campus. No space is available at the site of work, however for keeping chowkidar, site office, lab, samples room, toilets for labour etc., working yard and

other essential requirements such as cement store for day to day requirement, some space shall be made available near the campus. All labour and staff of contractor shall possess valid identity cards such as Aadhar Card, Voter Card etc. Before tendering, he shall visit the site and assess the manner in which he is able to arrange the above facilities. The Engineer-in-Charge shall in no way be responsible for any delay on these accounts and no claim, whatsoever, on these accounts shall be entertained.

23 The original copies of challan/cash memos / invoices towards the quantity of various materials procured shall be made available by the contractor at the request from the Engineer-in-Charge and a copy of the same shall be kept in record. Warranty / Guarantees cards of various materials shall also be submitted by the contactor during handing over of the buildings to the client.

SPECIAL CONDITIONS

1. The work is required to be carried out in extreme cold climates of Leh, UT of Ladakh. The contractor shall not be compensated in case; the work is not executed in parts or in full. No claim whatsoever shall be entertained on this account.

2. The contractor shall submit a detailed programme in the form of CPM/ PERT/ BAR chart to the Engineer-in-charge within 15 days of award of work and shall be got approved from him. The programme chart should include the following: -

1.0 Network CPM/ PERT/ BAR diagram prepared as per existing practice.

1.1 Programme for procurement of materials by the contractors.

1.2 Programme of mobilization of machinery/ equipment and their deployments.

3. The programme chart will have to be updated on monthly basis and will be submitted to Engineer-in-charge regularly.

4. The approval by the Engineer-in-charge of such programme or the furnishing of such particulars shall not relieve the contractor of any of his duties or responsibility under the contract. This is without prejudice to the right of the Engineer-in-charge to take action against contractor as per terms and conditions of the agreement.

5. All tools, plant and machinery provided by the contractor shall, when brought to the site, be deemed to be exclusively intended for construction and completion of this work and contractor shall not remove the same or any part thereof without the consent of the Engineer-in-charge.

6. The rates quoted by the contractor shall be all inclusive keeping in view the specifications, additional and special conditions and lead involved for various material and other inputs for carrying out the work, nothing extra shall be payable whatsoever, unless otherwise specified.

7. Labour Cess @ 1% of Gross value of work done shall be deducted from each bill as per Building & other Construction Workers Welfare Cess Act 1996.

8. GST/Income Tax and Education Cess shall be deducted from each bill as per Govt. Orders.

9. The contractor shall have to make approaches to the site and keep them in good condition for transportation of labour and materials as well as inspection of works by the Engineer -in-charge. Nothing extra shall be paid on this account.

10. Foreign consultants / sub-consultants and foreign bidders shall not be allowed.

11. TESTING OF MATERIAL

11.1 The cost of samples including packing, transportation and any other incidental charges and testing charges thereof shall be borne by the Contractor.

11.2 The test results shall be final and binding on the contractor. The decision of the Engineer-in-Charge in this regard shall be final and binding on the contractor.

11.3 All necessary tests as per the CPWD specifications /MoRT&H specifications /relevant BIS codes shall be carried out on all the materials whatsoever ISI marked or otherwise. Wherever CPWD specifications/ MoRT&H specifications /relevant BIS codes are not available, the tests shall be carried out as per the directions of the Engineer-In-Charge. Nothing extra, what so ever, shall be payable on this account.

12. No payment will be made to the contractor for damages caused by cyclones, hurricanes, sand storms, flood waters or by pounding of water due to any reason etc. during execution of the work and no claim on these accounts will be entertained.

13. The contractor shall take all necessary measures for the safety of traffic during construction and provide, erect and maintain such barricades, including signs, markings, flags, lights and flagman, as necessary at either end of the excavation/embankment and at such intermediate points as directed by the Engineer-in-Charge for the proper identification of construction area. He shall be responsible for all damages and accidents caused due to negligence on his part.

14. The Malba/Garbage, removed from the site shall be disposed off by the contractor at any suitable place as directed by the Engineer-in-Charge.

15. Some restrictions may be imposed by the security Staff/local Police/Army etc. on the working and or movement of labour, materials etc. and the contractor shall be bound to follow all such restriction / instructions and nothing extra shall be payable on this account or due to less reduced working hours etc.

16. Wherever any reference to the Indian Standard Codes of BIS has been made, it shall be with reference to the latest revisions upto the date of receipt of tender.

17. No compensation shall be payable to the contractor for any damage caused by rains, lightening wind, storm, flood, tornados, earthquakes or other natural calamity or unforeseen accidents / incidents during execution of work. The contractor shall make good all such damages at his own cost and no claim on this account will be entertained.

18. The contractor shall be responsible to arrange at his own cost all necessary tools and plants required for execution of the work.

19. Royalty at the prevalent rates wherever payable, shall have to be paid by the contactor on the, boulders, metal, shingle, sand and bajri etc. or any other materials collected by him for the work direct to revenue authority of the District /State Government concerned.

20. The rates for all items of work, shall unless clearly specified otherwise include cost of all labour, materials T&P and other inputs involved in the execution of the item.

21. Unless otherwise specified in the schedule of quantities, the rate for all items of the work shall be considered as inclusive of pumping out or bailing out water from all depths if required for which no extra payment will be made. This will include water encountered from any source, such as rains, floods, sub-soil, water being high due to any other cause what so ever etc.

22. The work shall be carried out in a manner so as not to cause any obstruction or to affect the progress of the works being carried out in the area.

23. Necessary platforms of required size etc. shall be made by the contractor to prevent the construction material from coming in to direct contact with the local soil. Nothing extra shall be payable on this account.

24. Whenever any reference to any Indian Standard Specifications occurs in the documents relating to this contract the same shall be inclusive of all the amendments issued there to or revision thereof, if any, up to the date of receipt tenders.

25. The work shall be executed and measured as per metric dimensions given in the schedule of Quantities, Drawings etc. (F.P.S. Units wherever indicated are for guidance only).

26. The contractor shall ensure that sufficient quantity of water of approved quality is available at site for proper execution of work. Nothing extra for arranging water at site will be paid to the contractor by the department.

27. The attached drawings are schematic drawing not to scale. They shall neither be scaled nor element in them counted. The decision of Engineer-in-Charge in regard to interpretation of drawing shall be final and binding.

28. The work shall be carried out strictly in conformity with the drawings and in accordance with the nomenclature of the items, specifications etc. Any discrepancy in the drawing /Nomenclature of item /additional specification etc shall be got clarified from Engineer in Charge. Decision of Engineer in Charge shall be final and binding on the agency.

29. The contractor has to start the work after submitting the programme duly approved by the Engineer-in Charge. Physical progress shall be similar to the programme submitted by the contractor and in accordance with the mile stone as in schedule 'F'.

30. The Engineer-in-Charge shall be at the liberty to appoint 3rd party inspection team of any Govt. College or professional body to check the quality of the work. The contractor shall be liable to the provisions under clause 16 of GCC 2023 in this respect also.

31. The security deposit will be refunded after the prescribed period as stipulated in the agreement or after the final bill has been prepared and passed for payment or after the work is handed over to client department in all respect, whichever is later.

32. The contractor will procure all the materials in advance so that there is sufficient time for testing and approving of the materials and clearance of the same before use in work.

33. All materials brought by the contractor for use in the work will be got checked from the Engineer-in-charge or his authorized representative of the work on receipt of the same at site, before use.

34. The contractor will also employ necessary watch and ward establishment for the safe custody of materials at his own cost.

35. The contractor shall store /dump construction material at approved locations.

36. The contractor shall ensure that all the trucks or vehicles of any kind which are used for construction purposes/or are carrying construction material like cement, sand and other allied material are fully covered. The contractor shall take every necessary precaution that the vehicles are properly cleaned and dust free to ensure that enroute their destination, the dust, sand or any other particles are not released in air/ Contaminate air.

37. The contractor shall provide mask to every worker on the construction site and involved in loading, unloading and carriage of construction material and construction debris to prevent inhalation of dust particles.

38. The contractor shall provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and debris relatable to dust emission.

39. The contractor shall ensure that C&D waste is transported to the C&D waste site only and due record shall be maintained by the contractor.

40. The contractor shall compulsorily use of wet jet in grinding and stone cutting.

41. The contractor shall comply all the preventive and protective environmental steps as stated

in the MoEF guidelines, 2010.

42. The contractor shall carry out on-Road- Inspection for black smoke generating machinery. The contractor shall use cleaner fuel.

43. The contractor shall ensure that all DG sets comply emission norms notified by MoEF.

44. The contractor shall use vehicles having pollution under control certificate. The emissions can use reduced by a large extent by reducing the speed of a vehicle to 20 kmph. Speed bumps shall be used to ensure speed reduction. In cases where speed reduction cannot effectively reduce fugitive dust, the contractor shall divert traffic to nearby paved areas.

45. The contractor shall ensure that the construction material is covered by tarpaulin. The contractor shall take all other precaution to ensure that no dust particles are permitted to pollute air quality as a result of such storage.

46. The contractor shall make arrangement for creating a working platform for stacking of construction materials, Batch mix plant, setting of field lab, cement godown etc at a sufficient height from natural ground level at their own cost.

PARTICULAR SPECIFICATIONS

1. The work, in general, shall be executed as per description of item, specifications attached, MoRT&H specifications, CPWD Specifications 2019 Vol. I & II with correction slips issued up to the date of receipt of tender and relevant BIS Codes, BSEN codes, ISO Codes & ASTM Codes.

2. All the works unless otherwise specified hereinafter or permitted by Engineer- in-charge shall be done in accordance with the latest editions of MoRT&H specification and relevant BIS Codes, BSEN codes, ISO Codes & ASTM Codes as on the date of receipt of tenders or any other specified code.

   Any additional standard specifications or criteria published by the IRC/BIS or other foreign standard and in practice upto the date of receipt of tenders shall also take into account. In the absence of any definite provisions on any particular issue in the above-mentioned specifications / relevant BIS Codes, BSEN codes, ISO Codes & ASTM Codes, the design and construction shall be in conformity with the Sound Engineering Practice and in all such matters the decision of the Engineer-in-charge shall be final and binding on the contractor and nothing shall be paid extra.
   In case of any discrepancy or contradiction amongst the specified standard the following order of preferences shall generally prevail.

i. Nomenclature of items etc. given in Schedule of Quantities.
ii. Particular Specifications, Special conditions and additional specifications as per tendered document if any.
iii. Drawings attached with the tender.
iv. General Condition of Contract Construction work 2023, amended upto last date of submission of bid.
v. MoRT&H Specifications for Roads & Bridge works (2019) published by IRC.
vi. CPWD Specifications, 2019 Vol. I & II with up-to-date correction slips.
vii. All relevant IS Codes with the latest revisions.
viii. Foreign standards, such as BSEN, ISO, ASTM etc. and accepted international practice as approved by Engineer-in-Charge.
ix. Sound Engineering Practice as per directions of the Engineer-in-Charge.

   If there are varying or conflicting provision made in any document forming part of the contract, the Engineer-in-charge shall be the deciding authority with regard to the Intention / interpretation of the document and his decision shall be binding without any reservations.

3. The contractor shall ensure quality control measures on different aspects of construction materials, workmanship and correct construction methodologies to be adopted. He shall have to submit quality assurance programme within two weeks of the award of the work. The quality assurance programme should include method statement for various items of work to be executed along with check list to enforce quality control.

3.1 The contractor shall submit brand / make of various materials to be used for the approval of

the Engineer-in-Charge along with samples and once approved, he shall stick to it.

3.2 The contractor shall submit shop drawings of staging and formwork arrangement etc. for the approval of Engineer-in-Charge. Unless stated otherwise, the rate for concrete in plain concrete or reinforced concrete or prestressed concrete, shall be deemed to include all formwork required in accordance with this Section, which shall not be measured separately. The contractor shall also submit bar bending schedule for approval of Engineer-in- charge before execution.

3.3 The contractor shall get the water tested with regard to its suitability for use in the works and get written approval from the Engineer-in-charge before the proceeds with the use of same for execution of works. Water charges shall not be recovered in case arrangement of water is made at his own by the contractor.

3.4 Wherever any reference to any Indian Standard Specifications and other relevant codes occur in the documents relating to this contract same shall be inclusive of all amendments issued thereto or revision thereof, if any, up to date of receipt of the tender.

3.5 All the drawings shall at all times be properly correlated by the contractor before executing the work and no claim what so ever shall be entertained for failing to do so. In case of any discrepancy in the specifications, Schedule of Quantity and drawings, the decision of the Engineer-in-charge shall be final, conclusive and binding on the contractor.

3.6 Rates for the items are inclusive of all labour, materials, T&P, incidental charges, contractors profit and overheads and Taxes etc. unless, otherwise, specified. The contractors shall quote the rates accordingly.

4. GENERAL CONDITIONS FOR SUPPLY OF MATERIALS

4.1 The sample of all the items shall have to be got approved by the Contractor from the Engineer-in-charge before the supply commences and shall be without prejudice to the right of Engineer-in-Charge to get random samples tested out of the actual lot received.

4.2 The contractor shall if required furnish the manufacturer's certificate that the material supplied satisfy the requirements of the relevant specifications.

4.3 The Engineer-in-charge shall be at liberty to take respective sample (s) of each item of schedule of quantity in any approved laboratory as decided by him. The sample for testing shall be provided by the contractor. All other expenditure required to be incurred for taking sample, conveyances and packing etc. shall be borne by the contractor himself. In case any sample particular lot fails in testing the contractor shall be bound to replace the entire lot with fresh material of prescribed specification and the rejected lot shall be returned to the contractor only after fresh lot is supplied.

4.4 Rejected materials shall have to be removed by the contractor at his own cost immediately of the instructions of doing so.

4.5 In case of any dispute regarding rejection of quality of materials the decision of the Engineer-in-charge shall be final and binding upon the contractor.

4.6 Royalty octroi terminal, tax etc. at prevalent rates shall have to paid by the contractor himself and the rates quoted by him shall include these duties and nothing extra on, this account shall be payable.

4.7 The contractor shall have to produce the cash memo to satisfy department that the material has been purchased from the authorized dealer and the GST has been paid.

5. MAINTENANCE OF REGISTER OF TESTS-

1. All the registers of tests carried out at Construction Site or in outside laboratories shall be maintained by the contractor which shall be issued to the contractor by Engineer-in-charge at the time of issue of award letter.

2. All samples of materials including cement concrete cubes shall be taken by contractor jointly with JE in charge of work and out of this at least 50% samples shall be taken in presence of AE in charge. If there is no JE, all samples of materials including Cement Concrete Cubes shall be taken by contractor in presence of AE in charge of work. All the necessary assistance shall be provided by the contractor. Cost of sample materials is to be borne by the contractor and he shall be responsible for safe custody of samples to be tested at site.
3. All the test in field lab setup at Construction Site shall be carried out by the Engineering Staff deployed by the contractor in presence of JE-in-charge and at least 50% of tests in presence AE-in-charge. At least 10% of tests shall be carried out in presence of Executive Engineer.

4. All the entries in the registers will be made by the designated Engineering Staff of the contractor and same should be presented before JE/AE/Divisional Engineer for their review.

5. Contractor shall be responsible for safe custody of all the test registers.

6. It is mandatory to the contractor to submit copy of all test registers, Material at Site Register and hindrance register along with each alternate Running Account Bill and Final Bill.

7. If all the test registers and hindrance register is not submitted by contractor along with each alternate R/A Bill & Final Bill, no payment shall be released to the contractor.

6. Maintenance of Material at Site (MAS) Register: -

6.1 All the MAS Registers including Cement and Steel Registers shall be maintained by Contractor which shall be issued to the contractor by Engineer- in-charge along with the award letter.

6.2 The contractor shall get 100% test checked by JE or by AE after each entry of receipt of material at site in MAS register.

6.3 The contractor shall get MAS Register test checked by JE at least twice a week and at least once a week by AE. If there is no JE is available then MAS register must be checked by AE at least twice a week.

6.4 Cement register shall be got reviewed by Divisional Engineer at least once in a month by the contractor.

LIST OF PREFERRED MAKES

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

LIST OF PREFERRED MAKES FOR CIVIL WORKS

Specification/brands names of materials to be used as per the scope of work are listed here. The efforts should be made by the agency to use indigenous products. The agency should also consider the availability of spares parts/components for maintenance purposes while proposing any brand/manufacturer. The materials of any other brand/manufacturer may be proposed for use by the agency in case the brands specified below are not available in the market and/or agency intends to use some other brand better than the brands mentioned in this list. The alternate brand can be used only after the approval of Engineer-in-Charge.

S. No.	Description of Item	Preferred Makes
STRUCTURE		
1	Ordinary Portland Cement/ Portland Pozzolana Cement	ACC /ULTRATECH / SHREE/ AMBUJA /JK CEMENT
2	White Cement	BIRLA CEMENT/J K WHITE/ TRAVANCORE
3	Reinforcement Steel	SAIL/ TATA STEEL LTD/ RINL/ JINDAL STEEL & POWER LTD / JSW
4	Parallel Threaded Couplers	DEXTRA / HALFEN/ MOMENTS/ TATA TISCON
5	Re-barring Chemical	HILTI / 3M INDIA/WURTH
6	HR Structural Steel	TATA / SAIL / JSW STEEL LTD / JINDAL STEEL & POWER LTD / RINL
7	LGS Frame/ CR Coil	TATA BLUE-SCOPE / EVEREST/ JINDAL STEEL & POWER LTD
8	Fiber Cement Board	EVEREST / HYDERABAD INDUSTRIES/ RAMCO
9	Gypsum Board	USG BORAL / SAINT GOBAIN / EVEREST/
10	Mineral wool panels for external & internal walls	ROXUL ROCKWOOL INSULATION /LLOYD / KINGSPAN JINDAL/ EPACK
11	Rock Wool insulation	ROXUL ROCKWOOL INSULATION / LLOYD INSULATION / POLYBOND INSULATION/ EPACK
12	Galvanized Steel deck sheet	TATA BLUE / JSW / JINDAL

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

13	Fire Coating for steel structure	AKZO NOBEL / FSI LTD. / JOTUN / WEBER (SAINT GOBAIN)
14	Plasticizer / Super Plasticizer /Admixtures /other construction chemicals	FOSROC / BASF / BULWARK / WEBER (SAINT GOBAIN)
15	AAC Blocks	AEROCON / JK LAXMI / BIRLA / J.K. /Finecrete

16	CC Paver Blocks	BIRLA / NITCO / KK/ JULLEY TILES ANY OTHER MAKE WITH PRIOR APPROVAL OF ENGINEER-IN-CHARGE AFTER INSPECTION OF THE FACTORY OF PROPOSED MANUFACTURER
17	AAC Block Adhesive, Block Jointing Mortar	ENDURA / JK LAXMI / BIRLA / J.K. / WEBER (SAINT GOBAIN)
18	Polymer modified cementations adhesive, mortar & Grout for tiling etc.	WEBER (SAINT GOBAIN) / KERAKOLL / MAPEI/ CHOKSEY
19	High-performance epoxy-based resin anchor system	BASF / FOSROC / HILTI / SUPREME BITUCHEM / CHOKSEY / WEBER (SAINT GOBAIN)
20	Solvent based silicone repellent coating	PIDILITE / GE / AKEMI / CHOKSEY / WEBER (SAINT GOBAIN)
21	PU coatings for structural steel	MARRIS POLYMERS/ CHOKSEY / WEBER (SAINT GOBAIN) / FOSROC
22	Cement based Ready Mix Plaster	SIKKA / WEBER SAINT GOBAIN/ FOSROC/FERROUS CRETE
23	Crystalline Admixture	PENETRON, BULWARK, WEBER (SAINT GOBAIN) / KUNAL CONCHEM
For WATER PROOFING		

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

1	Single Component Liquid PU Elastomeric Membrane (spray applied) for Deck Waterproofing, Sunken waterproofing, Polymeric Cementation Coating, Elastomeric Acrylic PU coating (UV resistant) liquid applied coating	FOSROC / BULWARK / MARRIS POLYMER / WEBER (SAINT GOBAIN) / PENETRON(I)/ZYPEXX BIOTECH
2	PVC WATER STOPS	PIDILITE / FOSROC / BASF / MARRIS POLYMER / WEBER (SAINT GOBAIN) / CHRYSO
3	POLYSULPHIDE / SILICON SEALANT	GE / DOW CORNING / PIDILITE / 3M / SUPREME BITUCHEM / WEBER (SAINT GOBAIN)
For DOOR / WINDOWS & WOODWORK		
1	Laminated Particle Board / Particle board / Laminates / Plywood	MERINO / GREENLAM / CENTURY / DECOLAM/ ARCHIDPLY / KITLAM / GREEN PLY
2	Flush door shutters	GREENPLY/ ARCHIDPLY / MERINO / CENTURY / KITPLY

3	Polycarbonate Sheet	GE LEXAN / DANPALON/ GALLINA
4	Natural wood veneer	SONEAR / GREEN PLY / TRUWOOD / ARCHID
5	Anti-static high-pressure laminate	FORMICA / BAKELITE HYLAM / DECOLAM MERINO / KITMICA / CENTURY
6	Fire Sealant	HILTI / 3M / FISHER / WURTH / SAINT GOBAIN
7	Extruded Polystyrene Board	STP / SUPREME / OWNESCORNING / SHALIMAR

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

8	u-PVC Door/Windows profile section	SAINT GOBAIN / DECEUNINCK / FENESTA / REHAU / PROMINANCE
9	u-PVC Door/Windows hardware fittings	HEFFLE / HETTICH / FISHER / DNV / PEGO /ROTO/PROMINANCE/KINGLONG
10	Adhesives for wooden surface	FEVICOL / ANCHOR / DUNLOP / 3M / PIDILITE / THERMOSHIELD / VAMORGANIC / SAINT GOBAIN
11	PU Polish For Wood Works	ASIAN / DULUX / IKEA/SIRCA
12	Ready Mix Plaster	Ultratech/JSW/Birla
13	Gypsum Plaster	Gyproc/Asian Paint/Birla white/JK Laksmi
For FINISHING		
1	WOOD FINISH (MELAMINE & PU POLISH)	ASIAN / BERGER / NEROLAC / PIDILITE / WEMBLEY / BASF / DULUX
2	Polyester Powder Coating Shades	NEROLAC / BERGER / DULUX
3	Wall Putty	WONDER / JK WHITE / SAINTGOBAIN WEBER / BERGER
4	Oil Bound Washable / Acrylic Distemper	ASIAN PAINTS / BERGER / NEROLAC / DULUX
5	Cement Primer	BERGER / ASIAN / NEROLAC / DULUX
6	Steel / Wood Primer	DULUX / NEROLAC / BERGER / ASIAN / JENSON & NICHOLSON
7	PLASTIC / ACRYLIC EMULSION PAINT	ASIAN / BERGER / NEROLAC / BASF / DULUX
8	Textured Exterior Finish	ASIAN / BERGER / DULUX
9	Synthetic Enamel Paint	ASIAN / BERGER / NEROLAC/ DULUX / NIPPON
10	SFRC/ Precast CC Covers	KK / JAIN / PRAGATI / HINDUSTAN / HP

11	Poly Carbonate Sheet	SABIC LEXAN / BAYER / COXABELL
12	Terracotta tiles	DALAL / UNICRETE / UNISTONE / KK / ABC

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

For STEEL & ALUMINIUM WORKS AND FURNITURE ITEMS		
1	Stainless Steel Railing / Accessories etc. (Grade SS 316)	OZONE / DORMA / KICH / HETTICH / REHAU or fabricated by authorized fabricator using material produced by JINDAL / HINDALCO / BHORUKA
2	Powder coated Aluminium frame with glass glazing	AXSYS SOLUTIONS / FAÇADE ONE
3	Aluminium Railing system	ART& GLASS / AXYSYS SOLUTIONS
4	Welding Electrodes	ADVANI-OERLIKON / MODI
5	Dash / Anchoring Fasteners	HILTI / FISHER / BOSCH / AXEL/ TRIXEL FROM AXEL INDIA/ CANON/WURTH
6	Aluminum Sheet	NOVELIS / EURAMAX
7	SS Wire Mesh	HAVER STANDARD / GRAND METAL / STRELING / TRIMURTI / TIGER / GKD / WMW
8	Panic Exit Device	HETTICH / HAFFLE / DORMA / HILTI / FISHER
9	Furniture Items	Rockworth / Godrej / Herman Miller/ Steelcase
CEILINGS		
1	Gypsum Board False Ceiling	SAINT GOBAIN GYPROC / KNAUF / EVEREST / GYPCORE
2	Metal False Ceiling	SAINT GOBAIN GYPROC / KNAUF / EVEREST / TECHNO CEILING
3	Acoustical False Ceiling & Wall Panelling Grid system	SAINT GOBAIN GYPROC / KNAUF / EVEREST / TECHNO CEILING
4	Calcium Silicate False Ceiling Tiles Grid system	SAINT GOBAIN GYPROC / KNAUF / EVERES / TECHNO CEILING AEROLITE / RAMCO HILUX
5	Aluminium Composite Panel	ALUCOBOND / ALPOLIC / WONDER / REYNOBOND / ALUSTONE
FLOORINGS		

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

1	Tiles: Ceramic / Vitrified / Antiskid / Matt / Glazed / Heat Resistant / Solar Reflective	KAJARIA / JOHNSON / SOMANY / ORIENT / RAK CERAMICS / SIMERO / AGL

2	Engineered stone - Marble / Quartz	ASIAN / JOHNSON / KALINGA / QUTONE
3	Bamboo Flooring	EPITOME / ECOGREEN FLOORING / FLOOR INDIA/VIBRANT
4	Engineered Hardwood Flooring	TARGET / VIBRANT / VISTA / PARQUET / RESPONSIVE / MIKASA/ PERGO/ Greenlam Industries/ Action TESA
GLAZINGS		
1	Glazing Structural / Suspended /Skylight/Clear / Float /Frosted Glass/Mirror/skylight/ Toughened Glass/Hermetically sealed performance glass Interior partitions	AIS / MODIGUARD / SAINT GOBAIN / GUARDIAN
2	Modular Toughened Glass for Partitions	AIS / MODIGUARD / SAINT GOBAIN / GUARDIAN
3	Glass Spider Fittings	DORMA / OZONE / HAFFELE / HETTICH / KICH / HILTI / FISHER
4	High-Performance Solar Toughened Glass	AIS / MODIGUARD / SAINT GOBAIN / GUARDIAN
5	Fire Rated Glass/ Hardware	GEZE / OZONE / DORMA / HAFFELE / HETTICH / ST. GOBAIN/ BHAWANI
6	Two-Hour Fire Rated Metal Glass Door / Hardware	PILKINGTON / SCHOTT / AIS/ SAINT GOBAIN / SUKRI
HARDWARE		
1	Nuts / Bolts & Screws	GKW / HILTI / ATUL / TW BUILDEX & BOUSTED / CORROSHIELD / ATUL FATERNERS LTD/WURTH

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

2	All type of hardware and fitting for all type of glazing /doors/ windows etc. including mortise latch & lock / tower bolt / ball bearing butt hinges / friction stay hinges / sliding door bolts / lever handle / magic eye, door closer etc.	DORMA / HAFFELE / GEZE / GODREJ/ ASSA- ABLOY / OZONE / HETTICH
3	Toilet Cubicles	MERINO / GREEN / CENTURY / FUNDERMAX
4	Hardware for Fire Check Door/ panic bar/ panic trim/ door closer/ hinges/ mortise lock	DORMA / OZONE / HAFFELE / HETTICH / KICH / HILTI / FISHER
5	EPDM Gasket	HANU / ANAND / OSAKA
6	Hydraulic Door Closure/Floor Spring	GODREJ / DORMA / HAFELE / GEZE / OZONE / HILTI / HETTICH

PLUMBING & SANITARY		
1	GI Pipes	JINDAL (HISAR) / TATA/ PRAKASH SURYA
2	GI Fittings	UNIK / ZOLOTO / SURYA / KS / ICS / K.S / NVR / JINDAL / R BRAND / AMCO
3	GI pipe Jointing Materials	LOCTITE 55/DR. FIXIT / MC BAUCHEMIE
4	SS Pipes & Fittings	JINDAL / VIEGA / J-PRESS
5	HDPE Pipes	RELIANCE / JAIN IRRIGATION / KISAN/ ORIPLAST / SUPREME
6	CI Double Flanged Sluice Valve/ Non-Return Valve	KIRLOSKAR / SONDHI / KEJRIWAL/ IVC/ BURN / SIR
7	Ball, Butterfly, Float Valves	LEADER / SANT / ZOLOTO / CASTLE / IBP / ARCO/ KSB / SIR
8	Soil Waste Pipe	JAYSWAL NECO / RIF / SKF

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

9	Sewage Water/ Rainwater Pipes	ASTRAL / PRINCE / SUPREME / FINOLEX / PRAKASH / AJAY / ASHIRWAD / BIRLA AEROCON / KISAN
10	SFRC / RCC Manhole Covers, Frames & Gratings	KK / OCR / PARGATI / T-CON / JAIN / PRAGATI / BIC / KAPILANSH DHATU UDHYOG / NECO / RIF / BCM / S.S. & CO./ GRATING
11	Stoneware Pipes and Gully Traps	PERFECT / PARRY / BURN / ANAND / RK / HIND
12	Sanitary CP Fittings & Accessories (As Per Series Specified in The Scope of Work/ Specifications of Civil Works)	JAQUAR / GROHE / KOHLER / ROCA/HAGAR
13	UPVC /PP-R pipe & Fittings	ASTRAL / SUPREME / FINOLEX / ASHIRWAD / PRINCE / PRAKASH / AJAY / BIRLA AEROCON/ KISAN / APL APOLLO
14	Stainless Steel Sink	NEELKANTH / NIRALI / CERA / JAYNA
15	RCC Pipes	LAKSHMI / SOOD & SOOD / JAIN & CO. / PRAGATI CONCRETE / KK / USHA / DIWAN SPUN PIPE / JAIN
16	Centrifugally Cast (Hub less) Iron Pipes & Fittings (IS: 15905)/Centrifugally Cast (Spun) Iron Pipes (Is:1536)	JAYSWAL NECO / RIF / SKF/RPMF
17	C.I. Manholes Covers	BIC / KAPILANSH DHATU UDHYOG / NEECO / RIF / BCM / SKF / HIF/RPMF
18	SS Hinged Grating	GMGR / NEER / CHILLY
19	Masking Tapes	SUNCONTROL / WONDER POLYMER
20	Treatment on MS Brackets	GALVANISED BRACKETS AS PER IS: 4759 - 1996 / 610
21	Floor Trap	JAINA / CHILLY / NIRALE / KICH
MISCELLANEOUS		

Overwriting-NIL, Insertion-NIL, Correction-NIL, Deletion-NIL

1	FRP water tank / SMC Panel water tank/PVC tank	SINTEX / POLYCON / SFMC/ SPL / UNITEK / SHEETAL/Vectus

NOTE:

(i) A List of Preferred Brand Names of Various Materials/ Products are shown above for usage in execution of Work. However, approved equivalent material of any other Specialized Companies/ Firms may also be used, in case it is established that the Brands Specified below are not available in the market or in other unavoidable circumstances and subject to Approval of the alternate Brand by the Engineer- In -charge. However, in case, the equivalent model so approved, is cheaper than the model already mentioned in item/approved makes list, the price adjustment will be made based on the difference in market rate. In case, the rate of subsequently approved model is more, no extra payment will be made on this account.

(ii) It must be ensured, in general, that all materials to be used in the works shall bear BIS Certification mark. In cases where for a particular material/product, BIS Certification Mark is not available, then the material proposed to be procured can be used subject to the condition that it should conform to CPWD Specifications and relevant BIS codes. In such cases written approval of the Engineer-in -Charge shall be obtained before use of such material in their works.

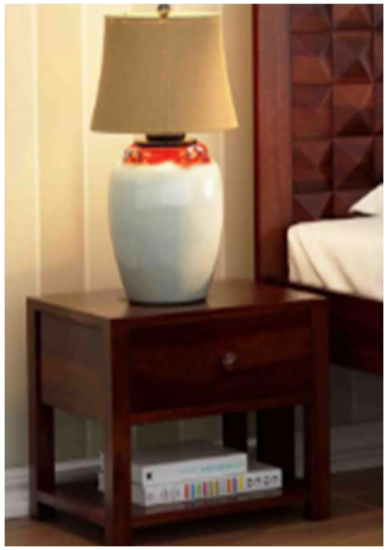
(iii) The list given below does not absolve the Executing Agency from their responsibility for using these products. It is only after, they are satisfied about the quality and performance, the products shall be used. To achieve this, proper check on the quality of the product, actually to be used, should be exercised.

(iv) The Chief Engineer, Leh, CPWD, Leh or his successors reserves the right to add or delete any materials and brands in the list of approved makes. However, in case, the equivalent model so approved, is cheaper than the model already mentioned in item/approved makes list, the price adjustment will be made based on the difference in market rate. In case, the rate of subsequently approved model is more, no extra payment will be made on this account.

SCHEDULE OF QUANTITIES

Name of Work: - Construction of Staff Room for Learning Center and Public Gathering Center Multipurpose Hall at Thiksey Gonpa, Leh UT of Ladakh. (SH: Landscaping and Furnishing) (Recall)						
S. No.	**Description of Items**	**Unit**	**Total Qty**	**Rate**	**Amount**	**DSR Code/Indicative Images**
1	**Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. All kinds of soil**					**2.28**
1.1	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. All kinds of soil	sqm	376.00	34.15	₹ 12,840.00	2.28.1
2	**Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level**					**4.1**
2.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	20.72	6,812.00	₹ 1,41,145.00	4.1.8
3	**Providing, laying and making kerb channel 30 cm wide and 50 mm thick with cement concrete 1**					**16**
3.1	Providing, laying and making kerb channel 30 cm wide and 50 mm thick with cement concrete 1:3:6 (1 cement: 3 coarse sand:6 graded stone aggregate 20 mm nominal size) over 75mm bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finishing the top smooth etc. complete and as per direction of Engineer-in-charge.	Sqm	19.98	558.30	₹ 11,155.00	16.63
4	**Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra**					**16.91**

	sand. complete all as per direction of Engineer-in-Charge. 60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.					
4.1	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. 60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.	Sqm	259.00	1045.65	₹ 2,70,823.00	16.91.1
	Total (Item no. 1 to 4)				**₹ 4,35,963.00**	
	Estimated cost after using modified factor of GST on DSR 2023 Item no. 1 to 4 @ 0.973				₹ 4,24,192.00	
	Add 54.21% Cost Index for Leh				₹ 2,29,954.00	
	Total (A)				**₹ 6,54,146.00**	
1	**Double Bed:-**Providing and placing in position factory made teak wood Double bed. Supported on head & foot boards of teak wood finisheed with Matt Polish with 50% gloss. (All Process to be done as required in doing polish). Overall size of bed is 2050L x 2160D x 1050H mm. The bed shall be provided with an 18 mm thick BWP grade plywood mattress platform of approved make with an adequate mattress support system. The mattress support system shall comprise of Two teak wood side rails of size 125 mm × 30 mm and Horrizontal support rails to mattress plateform of size 125 x 30 mm (min 3 no's) as decided by Engineer - in - charge. The headboard shall be of 600 mm high from the mattress platform level, finished with Decorative teak wood geometric panels. The height of mattress plateform from grund level shall be min 450 mm. The footboard shall be 610 mm hight	Nos.	**5**	₹ 1,02,972.75	₹ 5,14,864.00	

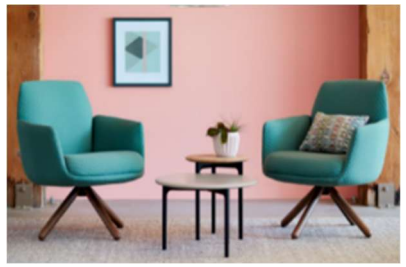
	from finished floor level finished with Decorative teak wood geometric panels. Final design of Bed should be approved from Engineer in charge. Complete as per specifications and direction of Engineer in Charge. (Prefered make :- Rockworth/Haworth/Godrej/ Steelcase/ Herman Miller)					
2	**Bed Side Table:-**Providing and placing in position Factory made teak wood Bed Side Table as per photograph of overall size of 450L x 450D x 500H mm, made up of teak wood and finished with Melamine Matt Polish with 50% gloss. (All Process to be done as required in doing polish). Table top shall be made out of 18mm thick polished teak wood planks. The bed side table should consist of 2 Drawers of appropriate size as per overall height of bed side table. Side and back of bed side table should be covered with teakwood planks of 12mm thickness, finished with matt polish with 50% gloss. The drawers shall be made of 9mm thick Pre-laminated MDF boards with facia/shutter made of 18mm thick teakwood finished with Melamine Matt Polish with 50% gloss. The drawer will run on two self-closing hydraulic telescopic channel rails. The drawer shall have SS handle of approved quality with necessary screws. Bottom of top & inner area of table drawer/shelve duly melamine polished with matt finish/50% gloss finish. PVC Bush should be provided at bottom of legs, Complete as per specifications and direction of Engineer in Charge. (Prefered make :- Rockworth/Haworth/Godrej/ Steelcase /Herman Miller)	Nos.	**5**	₹ 22319.10	₹ 1,11,596.00	

3	**Round Coffee Table**:-Providing and placing in position factory made design out of teak wood Round coffee table of overall size is 600 dia x 450H mm. Table top with bevelled design are made up of 25mm thick teak wood planks with Melamine Matt Polish (All Process to be done as required in doing polish). Table supported on four legs of teak wood section of size 50 x 50mm with Melamine Matt Polish (All Process to be done as required in doing polish). PVC Bush should be provided at bottom of legs.Complete as per specifications and direction of Engineer in Charge. (Prefered make :- Rockworth/Haworth/Godrej/ Steelcase /Herman Miller)	Nos.	**5**	₹ 11,930.95	₹ 59,655.00	
4	**Chair for coffee table:-**Providing and placing factory made teak wood Chair for coffee table as per photograph of overall size is 560W x 540D x 820H mm are made up of teak wood sections with melamine matt polish / 50% gloss polish. (All process to be done as required in doing as required in doing polish). Seat frame should be of section 50 mm x 30 mm and wooden plank of 18mm thickness should be attached for sitting, all made of teakwood finished with spirit polish on unexposed . The seat size is 520W x 450D with PU Foam+Fibre Pad Cushion upholster with fabric as per approved color/shade. Back panel are made up of teak wood section of 155mm x 25mm thick with curved design with melamine matt polish / 50% gloss polish. The legs and handle teak wood section are of size is 30mm x 40mm. All wooden Parts of chair will be polished complete as required. PVC Bush should be provided at bottom of legs.Complete as per specifications and direction of Engineer in Charge. (Prefered make :- Rockworth/Haworth/Godrej/ Steelcase /Herman Miller)	Nos.	**5**	₹ 18,392.80	₹ 91,964.00	

5	**Almirah:-**Supplying and fixing in position Knock Down Steel Almirah Overall Size - 910W x 480D x 1980H mm. of make Godrej Interio / Nilkamal / Triveni Almirah Having 4 shelves making 5 compartments, Whole body and shelf made of 0.8mm CRCA sheet with glass door, Shelves should have stiffener for better strength and load bearing capacity. Auto closing CED Coated "HETTICH"/ "HAEFFLE"/equivalent Hinges for better adjustment of doors. Chrome plated three way Recess type spring loaded rectangular snap shut handle cum lock with duplicate keys Highly durable–Made of 100% virgin Epoxy Powder Coated CRCA . Each Compartment Shelf should have load capacity per shelf is 35 kg. All complete as per manufacturers specification, approved sample and direction of Engineer-in-Charge. Product should be IAQ by SCSglobal certified for inhouse air quality.. Tolerance upto 10% in the furniture dimensions shall be permitted.	Nos.	**5**	₹ 29,069.80	₹ 145,349.00	
6	**Front Row 3 Walker Sofa:-**Providing & fixing sofa set (3+1+1 Seater) upholstered with Fabric. Inner solid Frame structure made of commercial plywood with high-quality wood. The wood should be termite proof. The seat cushion is made of premium quality high resilience PU foam of density 40 D of thickens 100-125 mm and with outer layer of high-quality polyester of Reckron Fibrefill (Reliance) make roll fiber of (300 gsm). The polyester reckron roll fiber keeps the upholstery wrinkle free and soft. The seating cushions have 3 inches of elastic webbing belt of premium quality with diagonal weave. Backrest: 2" elastic webbing of premium quality with diagonal Weave and premium quality of foam (25-30 D) with outer layer of polyester reckron roll fiber outer layer (200 gsm). Outer body of sofa to be covered with premium quality of 25-30 D foam for good upholstery finish. The thread used is nylon bonded to provide lasting stitch strength. Standard Legs should be provided with Wooden Frame. Seat Height 430 mm from ground with legs and back rest height 420 mm. Fabric shall be premium quality with GSM 300-450/Meter +/- 5% and should have Abrasion	Set	**6**	₹ 1,02,647.55	₹ 6,15,885.00	

	Resistance 50000-80000 Cycle, Cleaning: Vaccum regularly/Wipe clean using damp cloth. Complete as per specifications and direction of Engineer in Charge. (Prefered make :- Rockworth/Haworth/Godrej/ Steelcase/ Herman Miller)					
7	**Front Row Centre Table:-**Manufacturing & Supplying of centre table of 1200mm x 600mm x 450mm. Legs: made of 50mm x 50mm 2nd class seasoned CP teak wood section duly polished in melamine. Bottom frame made out 50mm x 40mm teak wood section with spindles of appropriate size and spacing as decided by Engineer in charge and top frame 80m x 30mm i/c necessary rebate for resting of 10 mm thick plain clear toughened glass (Modiguard or Saint goabin or equivalent) fixed with wooden top frame of size 75mm x 25mm i/c beveled edge. All teak wood surface shall be finished with high class melamine polish (matt/glossy) in approved shade on all exposed portions and spirit polish on unexposed faces. PVC Bush should be provided at bottom of legs.. All boards, ply shall be of second class seasoned CP teak wood. Complete as per specifications and direction of Engineer in Charge. (Prefered make :- Rockworth/Haworth/Godrej/ Steelcase/ Herman Miller)	Nos.	**3**	₹ 49,270.85	₹ 1,47,813.00	
8	**Stage 3 Seater Sofa**:-Providing & fixing sofa set (3+1+1 seater) upholsterd with Fabric. Inner solid Frame structure made of commercial plywood with high quality wood. The wood should be termite proof. The seat cushion is made of premium quality foam of density 40 D of thickenss 100-125 mm and with outer layer polyester Reckron roll fiber of (300 gsm). The polyester reckron roll fiber keeps the upholstery wrinkle free and soft. The seating cushions have 3 inches of elastic webbing belt of premium quality with diagonal weave. Backrest: 2" elastic webbing of premium quality with diagonal Weave and premium quality of foam (32D) with outer layer of polyester reckron roll fiber outer layer (300 gsm). Outer body of sofa to be covered with premium quality of 25-30 D foam for good upholstery finish. The thread used is nylon bonded to provide lasting stitch strength. Standard Legs should be provided with Wooden Frame. Seat Height 430 mm from ground with legs and back rest height 420 mm. Fabric shall be premium quality with GSM 300-450/Meter +/- 5% and should have Abrasion Resistance 50000-80000	Set	**2**	₹ 1,02,972.75	₹ 2,05,946.00	

	Cycle, Cleaning: Vaccum regularly/Wipe clean using damp cloth. Complete as per specifications and direction of Engineer in Charge. (Prefered make :- Rockworth/Haworth/Godrej/ Steelcase/ Herman Miller)					
9	**Stage Centre Table:-**Manufacturing & Supplying of centre table of 1200mm x 600mm x 450mm. Legs: made of 50mm x 50mm 2nd class seasoned CP teak wood section duly polished in melamine. Bottom frame made out 50mm x 40mm teak wood section with spindles of appropriate size and spacing as decided by Engineer in charge and top frame 80m x 30mm i/c necessary rebate for resting of 10 mm thick plain clear toughened glass (Modiguard or Saint goabin or equivalent) fixed with wooden top frame of size 75mm x 25mm i/c beveled edge. All teak wood surface shall be finished with high class melamine polish (matt/glossy) in approved shade on all exposed portions and spirit polish on unexposed faces. PVC Bush should be provided at bottom of legs.. All boards, ply shall be of second class seasoned CP teak wood. Complete as per specifications and direction of Engineer in Charge. (Prefered make :- Rockworth/Haworth/Godrej/ Steelcase/ Herman Miller)	Nos.	**2**	₹ 49,270.85	₹ 98,542.00	
10	**Steel Chairs: -** Providing and placing factory-made visitor chair with an ergonomically designed moulded seat and backrest WITH overall size: 540mm W x 400mm D x 840mm H & Seating Height 450mm. The chair shall have a polypropylene (PP) moulded backrest of suitable thickness, with ventilation holes arranged in an aesthetic pattern. The seat shall be provided with a comfortable high-density PU foam cushion, upholstered in approved fabric/leatheritte in the required colour and shade. The seat shall be supported on a sturdy moulded frame with suitable under-seat reinforcement. The chair shall be mounted on a strong four-legged tubular metal frame, manufactured from high-quality MS/steel tubes of suitable diameter and thickness,	Nos.	**700**	₹ 7,198.25	₹ 5,038,775.00	

	finished with chrome plating or powder coating as approved. All metal edges shall be properly finished, and suitable nylon/PVC bushes shall be provided at the bottom of each leg to protect the flooring. Complete as per specifications and direction of Engineer in Charge. (Preferred make:- Rockworth/Haworth/Godrej/ Steelcase/ Herman Miller)					
11	**Lounge Chair**- Providing & placing Lounge chair. Chair seat & back made up of insert moulded Polyurethane Foam upholstered with foam laminated mesh fabric, insert moulded foam assembled over a load bearing ply seat cover, fixed armrests. Base: wooden structure of chair with pvc glides, On the wooden leg of the chair to be provided with M.S. brackets. All complete as per manufacturers specification, approved sample and direction of Engineer-in-Charge. Product should be IAQ by SCS global certified for inhouse air quality.. Tolerance upto 10% in the furniture dimensions shall be permitted.	Nos.	**2**	₹ 20,348.85	₹ 40,698.00	
12	**Personal Locker:-**Manufacturing and supplying of 4 door Locker Unit with cam lock (Base) Size: 380W x 450D x 1800-1950Hmm. It should be Epoxy Powder Coated CRCA confirming to IS : 513 CR2 (Cold Reduced Carbon Steel Sheets & Strips. Each Compartment Shelf should be uniformly distributed load capacity per shelf is 20-35 kg. Design Simplicity - Design offers large capacity that makes sure you have enough space to lock up your clothes, shoes, sports gear, mobiles, bags, backpacks, office supplies, cleaning supplies, etc. Security - Each door equipped with a lift up handle and recessed hasp, matched with Cam Locks for added convenient and security/ camlock with inbuilt handle.it should Louvers/perforation provided on each shutter allows free air flow preventing Bad odour. All complete as per manufacturers specification, approved sample and direction of Engineer-in-Charge. Product should be IAQ by SCSglobal certified for inhouse air quality.. Tolerance upto 10% in the furniture	Nos.	**4**	₹ 19,379.85	77,519.00	

	dimensions shall be permitted.					
				Total(B)	**71,48,606.00**	
				Total(A+B)	**78,02,752.00**	