सत्यमेव जयते

CPWD

Central Public Works Department
NIT No:62/AE-3/II/C2D/2026-27/Chennai

Name of work: C/O Semi-Permanent Rooms in The Second Floor of the Ladies Hostel at NIS Campus, Chennai.SH: Providing Aluminium Partitions and various repair works at different locations in NIS Campus, Tambaram, Chennai -47 .

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ECPT Rs. 5,61,786/- (Rupees Five lakh Sixty One Thousand Seven Hundred Eighty Six only)

Certified that the NIT contains 90 pages only

Assistant Engineer

I - Nil O - Nil C - Nil

AE/CCSD3/II

NOTICE INVITING e- TENDERS

The Assistant Engineer, AE-3/II, CPWD, Chennai invites on behalf of President of India, online Percentage Rate tenders from the approved and eligible Contractors of the Central PWD for following work:-

NIT No:62/AE-3/II/C2D/2026-27/Chennai

Name of work: C/O Semi-Permanent Rooms in The Second Floor of the Ladies Hostel at NIS Campus, Chennai.SH: Providing Aluminium Partitions and various repair works at different locations in NIS Campus, Tambaram, Chennai -47

Estimated Cost : **Rs.5,61,786 /-**

Earnest Money : **Rs.11,236/-**

Period of Completion : **60 (Sixty days)**

Last time and date of submission of Bid up to 11:00 hrs on 04-12-2026

The Tender forms and other details can be obtained from the Web Site https://www.etender.cpwd.gov.in or www.cpwd.gov.in

Assistant Engineer
AE-3/II, CPWD, Chennai-47

I - Nil O - Nil C - Nil

AE/CCSD3/II

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR
e- TENDERING FORMING PART OF BID DOCUMENT AND TO BE POSTED ON WEBSITE
(Application for inviting open Bids)

The Assistant Engineer, AE-3/II, Central P.W.D., Chennai invites on behalf of President of India, Online Percentage Rate tender from the approved and eligible Contractors of the Central PWD for the work mentioned below.

Sl. no	NIT No	Name of work & Location	Estimated cost put to bid Rs.	Earnest Money Rs.	Period of completion	Last date and time of submission of bid on line	Time and date of opening of bid
1	2	3	4	5	6	7	8
1	**62/AE-3/II/C2D/2026-27/Chennai**	**C/O Semi-Permanent Rooms in The Second Floor of the Ladies Hostel at NIS Campus, Chennai.SH: Providing Aluminium Partitions and various repair works at different locations in NIS Campus, Tambaram, Chennai -47**	**Rs.5,61,786/-**	**Rs.11,236 /-**	60 (Sixty Days)	**Up to 11.00 Hrs on 04-12-2026**	**Up to 11:30 hrs on 04-12-2026**

I - Nil O - Nil C - Nil

AE/CCSD3/II

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. Information and Instructions for bidders posted on website shall form part of bid documents.

3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website https://www.etender.cpwd.gov.in or www.cpwd.gov.in or from www.eprocure.gov.in free of cost.

4. The contractor can deposit original Original EMD issued from in the office of Assistant Engineer inviting bids and AE-1/II,2/II,4/II or division office of any Executive Engineer, in CPWD within the period of bid submission. (The EMD documents shall only be issued from the place from which the office of receiving division office is situated). The contractor shall obtain the receipt of EMD from the concerned Executive Engineer in the prescribed format uploaded by NIT issuing Executive Engineer. The bid document as uploaded can be viewed and downloaded free of cost by anyone including intending bidder. But the bid can only be submitted after uploading the mandatory scanned documents such as Demand Draft or Pay Order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Scheduled Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of Original EMD to division office of Executive Engineer C2D CPWD ,Chennai -06 and other documents as specified.

5. But the bid can only be submitted after deposition of Original EMD issued from in the office of Assistant Engineer inviting bids and AE-1/II,2/II,4/II or division office of any Executive Engineer, in CPWD within the period of bid submission. (The EMD documents shall only be issued from the place from which the office of receiving division office is situated) and uploading the mandatory scanned documents such as Demand Draft or Pay Order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Scheduled Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of Original EMD to division office of Executive Engineer, C2D, CPWD documents as specified.

6. Copy of Enlistment Order and certificate of work experience and other documents as required shall be scanned and uploaded to the e-tendering website within the period of tender submission. However, certified copy of all scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority.

7. Those Contractors not registered on the Website mentioned above are required to get registered beforehand.

8. The intending bidder must have valid class – III digital signature to submit the bid.

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

10. Contractor can upload documents on the form of JPG format and PDF format.

I - Nil O - Nil C - Nil

11. If a tenderer does not quote any percentage above / below / At par on the total amount of the tender or any section / subhead in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer. For further details refer General Conditions of Contract 2023 – Maintenance works

12. CGST@1%, SGST@1% & labor Cess 1% etc., as applicable shall be borne by the contractor himself. The contractor shall quote his rates considering all such taxes including GST. **Any recovery towards GST is notified by the competent authority, the same shall be effected and no claim what so ever shall be entertained by CPWD. The contractor shall quote his rates accordingly.**

13. GST @ 2% to be recovered in each running/final bill.

I - Nil O - Nil C - Nil

AE/CCSD3/II

PRESCRIBED FORMAT OF RECEIPT OF DEPOSITION OF ORIGINAL EMD

Receipt of deposition of original EMD (Receipt No ----------/ Date----------)

1. Name of Work:C/O Semi-Permanent Rooms in The Second Floor of the Ladies Hostel at NIS Campus, Chennai.SH: Providing Aluminium Partitions and various repair works at different locations in NIS Campus, Tambaram, Chennai -47

2.NIT No:62/AE-3/II/C2D/2026-27/Chennai

3.Estimated Cost : Rs.5,61,786/-

4.Amount of EMD :Rs.11,236/-

5.Last Date of Submission of EMD : 04-12-2026

PRESCRIBED FORMAT TO BE FILLED BY EMD RECEIVING EE/AAO/AE

1. Name of Contractor :_____
2. Form Of EMD : _____
3. Amount of EMD : _____
4. Date of Submission of EMD : _____

Signature, Name and Designation of
EMD Receiving officer (EE/ AAO/ AE)
along with office stamp

I - Nil O - Nil C - Nil

AE/CCSD3/II

List of Documents to be submitted by the tenderers in various forms to be scanned and uploaded in JPG format or PDF format within the period of Tender submission

1. Insurance Surety Bonds, Account Payee Demand draft or Bankers cheque or Fixed Deposit Receipts from any of the Commercial Bank towards EMD in favour Executive Engineer, Chennai 2 Division, CPWD, Chennai -06

2. Copy of receipt for deposition of Original EMD issued from in the office of Assistant Engineer inviting bids and AE-1/II,2/II,4/II or division office of any Executive Engineer, in CPWD with in the period of Bid submission

3. Certificate of Registration for Goods & Service Tax (GST) of the state in which the work is to be taken up, if already obtained by the bidder. If the bidder has not obtained GST Registration in the state in which the work is to be taken up, or as required by the GST authorities, then in such a case the bidder shall upload following undertaking with the bid document "If work is awarded to me, I/we shall obtain GST Registration certificate of the state, in which work is to be taken up, within one month from the date of receipt of 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 account of the work executed and/or for any action taken by CPWD or GST department in this regard"

4. Valid CPWD enlistment office order.

5. Notarized Affidavit of 'Non-black listing' by CPWD/ State/ Central departments/ PSU/ Autonomous bodies as per Form "J" Not older than the date of Notice Inviting Tender. (Name of work shall be entered in Form J invariably) **(page No : 22)**

6. Notarized Affidavit of "No back -to-back execution of work" as per Form "G" on NonJudicial Stamp Paper of Rs. 100/- duly signed by the authorized person of agency / firm. **(page No :23).**

7. Annexure-III Details Of Contractor **(page No :24)**

Document to be submitted after acceptance

1. Licenses/Registrations or proof of applying for labour licenses, registration with EPFO, ESIC & BOCW Welfare Board.

Note: All the above document must be clearly displayed and seen by the tender opening authority before opening the actual bid.

Assistant Engineer
AE-3/II, CPWD, Chennai-47

I - Nil O - Nil C - Nil

C.P.W.D. - 6 FOR e – TENDERING.

1. Percentage Rate tenders are invited on behalf of President of India from approved and eligible contractors of CPWD for the work "**C/O Semi-Permanent Rooms in The Second Floor of the Ladies Hostel at NIS Campus, Chennai.SH: Providing Aluminium Partitions and various repair works at different locations in NIS Campus, Tambaram, Chennai -47."**

1 **.** The enlistment of the contractors should be valid on the last date of submission of Tenders. In case the last date of submission of tender is extended, the enlistment of Contractor should be valid on the original date of submission of tenders.

1.1. The work is estimated to cost of **Rs. 5,61,786/-** This estimate cost, however, is given merely as a rough guide,

1.1.1. The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the tenders. He will also nominate Division which will deal with all matters relating to the invitation of tenders.
For composite tender, besides indicating the combined estimated cost put to tender should clearly indicates the estimated cost of each component separately. The eligibility of tenderer will correspond to the combined estimated cost of different components put to tender.

1.2. Intending tenderer is eligible to submit the tender 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 specified below:

Criteria of eligibility for submission of tender documents.

1.2.1 Deleted.-

1.2.2 Deleted-

1.2.3 Deleted.

2 Agreement shall be drawn with the successful tenderers on prescribed Form No. CPWD 7 (or other Standard Form as mentioned) which is available as a Government of India Publication and also available on website www. CPWD.Gov.in. Tenderers shall quote his rates as per various terms and conditions of the said form which will form part of agreement.

3 The time allowed for carrying out the work will be 60 (**Sixty days)** from the date of start as defined in Schedule " F" or from the first date of handing over the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.

4 **(i) The site for the work is available. ***

OR

~~**(ii) The architectural and structural drawings for the work are available. ***~~

~~**OR**~~

~~**The architectural and structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of the work. ***~~

5 The tender document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contractor to be complied with and

I - Nil O - Nil C - Nil

other necessary documents except Standard General Conditions of Contractor Form can be seen from website https://etender.cpwd.gov.in/ or www.cpwd.gov.in free of cost.

6. **Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand draft or Bankers cheque or Fixed Deposit Receipts from any of the Commercial Bank towards EMD in favour Executive Engineer, Chennai 2 Division, CPWD, Chennai -06 at Call receipt *(drawn in favour of Executive Engineer, Chennai 2 Division, Chennai.) or Fixed deposit Receipt (drawn in favour of Executive Engineer, Chennai 2 Division , Chennai.)* shall be scanned and uploaded to the e- Tendering website within the period of bid submission.** Original EMD issued from in the office of Assistant Engineer inviting bids and AE-1/II,2/II,4/II or division office of any Executive Engineer, in CPWD**, within the period of bid submission.**

7. **Scanned copy of this receipt along with scanned copy of the EMD shall also be uploaded to the e-tendering website by the bidder up to the specified bid submission date and time.**

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 of any Scheduled Bank having validity for six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

7A) The contractors registered prior to 01.04.2015 on e –tendering portal of CPWD shall have to deposit tender processing fee at existing rates, or they have option to switch over to the new registration system without tender processing fee any time.

8 The contractor whose bid is accepted will be required to furnish 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 as mentioned (As per circular No. DG/Manual-2024/20 dated: 27.02.2026)** within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any Scheduled Bank of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor whose bid is accepted fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the contractor shall be suspended for one year and shall not be eligible to bid for CPWD tenders from date of issue of suspension order.

The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labor 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 and Programme Chart (Time and Progress) within the period specified in Schedule F.

9 Intending Tenders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub- soil (so far as is practicable), the form and nature of the site, the means to access 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 tender. A tenderer 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 tenderer 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 tender by a tenderer implies that he has read this notice and all contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rate 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.

10. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.

11. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

12. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

13. The contractor shall not be permitted to tender for works in the CPWD Circle (Division in case of Contractors of Horticulture/ Nursery category) responsible for award and execution of contracts, 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 gazette officers in the Central Public Works Department or in the ministry of urban Development. Any breach of this condition by of contractors of this Department.

14. No Engineer of gazette rank or other gazetted officers employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for the period of one 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 tender or engagement in the contractor's service.

15. The tender for the works shall remain open for acceptance for the period of **30 days** from the date of opening of tender. If any bidders withdraws his bid before the said period or makes any modification in the terms and conditions of the tender which are not acceptable to the department, then the tenderer shall not be allowed to participate in the re tendering process of the work. Further, the tenderer shall be suspended for one year and shall not be eligible to bid for CPWD tenders from date of issue of suspension orders.

16. This notice tender shall from the part of the contract document. The successful tenderer/ Contractor, on acceptance of his tender by the Acceptance Authority shall within 15days From the stipulated date of start of the work, sign the contract consisting of:-

(a) The notice Inviting Tender, all the document including additional condition, specification and drawing, if any, forming part of the tender as uploaded at the time of invitation of tender and the rate 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 (GCC for CPWD Works 2023) with amendments or as amended/ modified upto last date of submission of Tender.

I - Nil O - Nil C - Nil

CPWD- 7

GENERAL INFORMATION

1. No work shall be done after 7 P.M. Due to exigencies of work, if work needs to be done beyond 7 pm, necessary prior permission shall be obtained from the Client Department. ~~The work shall be executed without creating disturbance to the movement of the people on the adjoining roads. Care shall be taken to prevent dust spreading beyond the building to be demolished. The work shall be executed without making heavy sounds.~~
2. The buildings shall be in the custody of the successful bidder from the date of acceptance of the tender.
3. If the successful bidder fail(s) to observe or perform any provisions of the contract or become(s) insolvent, or make(s) arrangement with creditors or breach if any gratuity, gift loan, perquisite reward or advantage pecuniary or otherwise shall either directly or indirectly be given promised or offered by the purchaser or the successful bidder's servants or agents to any public officer or person in the employment of the President in any way relating to the office or employment or if any such officer or person shall become in any way directly or indirectly interested in the contract the Engineer-In-charge may determine the contract without notice and without prejudice to recover from the successful bidder of any loss thereby incurred.

4. The work shall be executed in compliance with the complete labour act in force, regarding payment of minimum wages, advances, over time, gratuity, provident fund, providing medical and other facilities and the safety measures to be taken as applicable as per the labour act.

5. The ground where the buildings are located shall be levelled without undulations and dressed neatly after completion of the work.
6. The Contractor shall carry out the work without disturbing / damaging the other existing structures and trees / plants etc which are not in the purview of the contract. Any damage / disturbance made by the contractor to the adjacent / nearby buildings / structures will be rectified at the risk and cost of the contractor.
7. The contractor shall ensure the safety of the public / animals etc during the execution of the work. Necessary precautionary measures shall be taken.
8. The Contractor shall abide to the restrictions, rules, regulations and timings imposed by the department on the working and on movement of labour, materials etc.
9. No temporary electrical connection shall be provided by the Engineer-in-charge/CPWD. The contractor shall make his own arrangement of temporary electrical connection from the TANGEDCO, fuel/generator for running of tools, plants and machinery required for demolition work. However, the department shall assist the agency in forwarding the application. The Contractor shall take instructions from the Engineer-In-Charge for stacking of materials. No excavated earth / building rubbish shall be stacked on areas where other buildings, roads, services, compound walls are existing.

I - Nil O - Nil C - Nil

10. The Contractor shall make necessary arrangement to obtain photo id pass / group pass for entry of labours, materials, machinery and vehicle in to the NIS **Campus,Tambaram sanatoritum, Chennai.** if necessary.
11. The work shall be carried out with least hindrances to the adjoining building and offices and the contractor shall be responsible for any damages caused to the existing fixtures, electrical fittings and other services etc in the course of execution and the contractor shall make good any such damages at his own cost.
12. The debris / building rubbish waste and the like as generated from the work spot should be taken out NIS **Campus, Tambaram, Sanatorium Chennai.** All the waste and debris material should be disposed off the campus in a legal and environmental friendly way as per contract.
13. No one is allowed to enter into workspace and work site without adequate foot protection.
14. Inserting of bare wires for tapping the power from electrical sockets is completely prohibited.
15. All unsafe conditions, unsafe acts identified by contractor, reported by site supervisors and / or safety personnel to be corrected immediately.
16. No children shall be allowed to enter the work space.
17. Restrictions may be imposed by the security staff of client department etc., on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on this account.
18. The department shall not be liable for any payment in respect of any damages or compensation payable accordingly to law in respect or in consequences of any accident or injury or loss of life to any workman or other person in the employment of the contractor or any sub-contractor, except an accident or injury resulting from any act or default of the Employer, his agents or servants. The contractor shall insure against such liability with an insurer approved by the employer for sum as per established norms during the entire period till the completion of the contract.
19. Wherever any reference to any Indian Standard Specification occurs in the documents relating to this contract, the same shall be inclusive of all amendments issued there to or revision thereof if any, up to the date of receipt of tenders.
20. Unless otherwise specified in the schedule of quantities the rate tendered by the contractor for the items of the work shall be considered, as inclusive of pumping out or bailing out water, if required, for which no extra payments will be made. This will include water encountered from any source, such as rains, floods, sub-soil water table being high or due to any other cause whatsoever.
21. **GST and Labour Cess etc., or any other tax applicable in respect of this contract shall be payable by the Contractor and Government will not entertain any claim whatsoever in respect of the same. However 2% (TWO PERCENT) of the gross bill amount will be deducted at source, towards GST, from each running account and Final bill paid to the contractor by the Executive Engineer, Chennai 2 Division, CPWD, Chennai-600006 or his successors thereof as per the Section 51 of the GST Act 2017.**

I - Nil O - Nil C - Nil

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

STATE : TAMILNADU

BRANCH : B & R **DIVISION : C2D**

ZONE : CHENNAI REGION **SUB DIVISION : AE-3/II**

Percentage Rate Tender & Contract for Works

Tender for the work of: **C/O Semi-Permanent Rooms in The Second Floor of the Ladies Hostel at NIS Campus, Chennai.SH: Providing Aluminium Partitions and various repair works at different locations in NIS Campus, Tambaram, Chennai -47**

(i) Last date and time of submission of e-tenders shall be up to **11.00 hrs** on **04-12-2026** To be opened in presence of tenderers who may be present at **11:30** hours **on** on **04-12-2026** in the office of **AE-3/II /CPWD/Chennai-47.**

e-TENDER

I/We have read and examined the notice inviting tender, schedule, A,B,C,D,E & F, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.
I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings 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 respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for **30 days** from the due date its opening **in case of single bid system/** ~~Ninety (90) days from the date of opening of **technical bid** in case tenders are invited on **2 bid/envelope system** /one hundred twenty (120) days from the date of opening of technical bid in case bids are invited on **3 bid/envelope system** for specialized work (strike out as the case may be)~~ and not to make any modifications in its terms and conditions.

A sum of **Rs.11,236/-** is hereby forwarded in ~~cash~~/ receipt Insurance Surety Bonds, Account Payee Demand draft or Bankers cheque or Fixed Deposit Receipts from any of the Commercial Bank towards EMD in favour Executive Engineer, Chennai 2 Division, CPWD, Chennai -06 If I / We, fail to furnish the prescribed performance guarantee within prescribed period, I / We agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty 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

I - Nil O - Nil C - Nil

to those in excess of that limit at the rate to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

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

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

Dated…….. Signature of contractor

Postal Address

Witness :

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 ---------- only).

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

i)

ii)

ii)

For & on behalf of the President of India.

Signatures…….

Dated…… Designation……

I - Nil O - Nil C - Nil

:

PROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities: **As per separate schedule attached**

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

Sl. No.	Description of item	Quantity	Rate in figures & words at which the material will be charged to the contractor	Place of issue
1	2	3	4	5
----------NIL -------				

SCHEDULE 'C'

Tools and plants to be hired to the contractor.

Sl. No	Description	Hire charges per day	Place of issue
1	2	3	4
_____NIL_____			

SCHEDULE 'D'

Extra schedule for specific requirements / documents for the work, if any Nil

SCHEDULE 'E'

Reference to General Conditions of contract.General Conditions of Contract 2023- **Maintenance works vide No:OM No:DG/CON/Maintenance 2023/19 dated: 25.03.2026**

Name of work: "C/O Semi-Permanent Rooms in The Second Floor of the Ladies Hostel at NIS Campus, Chennai.SH: Providing Aluminium Partitions and various repair works at different locations in NIS Campus, Tambaram, Chennai -47"

.."

Estimate cost of work : **Rs. 5,61,786/-**

i) Earnest money : **Rs. 11,236 /-(to be returned after receiving performance guarantee)**

I - Nil O - Nil C - Nil

ii) Performance Guarantee: **(As per circular No.DG/Manual-2024/20 dated:27.02.2026 Attached).**

iii) Security Deposit : 2.5% of tendered value

SCHEDULE 'F'

General Rules & Directions: General Conditions of Contract 2023- *Maintenance works vide No* :**OM No:** DG/CON/Maintenance works 2023/19 dated: 06-11-2025

Officer inviting tender : **AE-3/II/CPWD/Chennai**

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3. see clause 12

Definitions :

2 (v) Engineer- in- Charge for Civil: **AE-3/II/CPWD/Chennai**

2 (viii) Accepting Authority **AE-3/II/CPWD/Chennai**

2 (x) Percentage on cost of materials and

Labor to cover all overheads and profits. **15 %**

2 (xi) Standard Schedule of Rates for Civil : **DSR 2023 with upto date correction Slips / amendments**

Standard Schedule of Rate for Elect.:

2(xii) Department **Central P.W.D**

9 ii) **Contract Form**: Standard CPWD Contract Form 7 as per appended correction slip to Reference to General Conditions of contract.General Conditions of Contract 2023- **Maintenance works vide No**:**OM No:DG/CON/Maintenance 2023/19 dated: 25.03.2026**

Clause 1

i) Time allowed for submission of Performance Guarantee Programme chart (Time and progress) and applicable laborlicense, registration with EPFO , ESIC and BOCW welfare board or proof of applying thereof from the date of issue of letter of acceptance **7 days**

ii) Maximum allowable extension with late fee @0.1% per day of performance Guarantee amount beyond the period (provided in i) above **3 days**

Clause 2

Authority for fixing compensation under clause 2. **CHIEF ENGINEER, CHENNAI, CPWD, CHENNAI-90**

I - Nil O - Nil C - Nil

Clause 2A

Whether clause 2 A shall be applicable **NO**

Clause 5

Authority to decide

i) Extension of time …….. **AE-3/II/CPWD/Chennai-47**

ii) Rescheduling of mile stone…….. **AE-3/II/CPWD/Chennai-47**

iii) Shifting of date of start in case of delay in handing over of site …….. **AE-3/II/CPWD/Chennai-47**

Number of days from the date of issue of letter acceptance for reckoning date of start 7 days

Mile stone(s) as per table given below:-

Sl. No.	Description	Time in days from date of start of work	Amount to be withheld in case of non achievement of Mile(s) Stone
		NIL	

PRORORMA 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 available	From the date of acceptance of work
Part B	Portion with encumbrances	NA	NA
Part C	Portion dependent on work of other agencies	NA	NA

Time allowed for execution of work. 60 **(sixty days)**

Authority to give fair and reasonable extension of time for Completion of work: **/AE-3/II/CPWD/Chennai.**

Clause 6, 6A

Clause applicable **-6A / EMB. (Electronic Measurement Book in ERP)**

i) For works having estimated cost more than Rs.15 Lacs -

I - Nil O - Nil C - Nil

ii) For works having estimate cost Rs.15 lacs or less-contractor's option either Clause 6 or Clause 6A (to be exercised at Tender submission). -

Clause 7
Gross work to be done together with net payment / adjustment of advances for material collected , if any since the last such **on completion of work**

Clause 7A **APPLICABLE**

No Running Account Bill shall be paid for the work till the applicable labor licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable as submitted by the contractor to the Engineer-in Charge.

Clause 10A
List of testing equipment to be provided by the contractor: **Not Applicable**

Clause 10B (ii)
Whether Clause 10B (ii) shall be applicable: **Not Applicable**

Clause 10C
Component of labor expressed as percent of Value of work. : **Not Applicable**

Clause 10CA
Component of labor expressed as percent of Value of work. : **Not Applicable**

Material Covered under Clause 10CA	**Nearest Material for which All India Wholesale Price Index is to be allowed**	**Base price and period of Material covered under Clause 10CA Per MT**
Cement	-	**Rs.5,400/- per MT (March- 2023)**
TMT bar	-	**Rs.63,500/- per MT(March- 20223)**
Structural steel	-	**Rs. 61,700/- per MT(March-2023)**

Base price of all the materials covered under clause 10CA is to be mentioned at the time of approved of NIT

Clause 10 CC
Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period show in next column **Not Applicable**

Clause 11
Specifications to be followed for execution of work
For Civil Work : **CPWD specification 2019 Vol. I to II amended upto date.**

I - Nil O - Nil C - Nil

Type of work : **Maintenance work**

Clause 12:

12.2 & 12.3 Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for works for all items **No Limit**

12.5 (i) Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for Building work : **No Limit**

(ii) Deviation Limit for items in earthwork

NOTE: As per DG/CON/312 no substitute item is allowed.

Competent Authority for deciding reduced rates. **CE ,Chennai, CPWD, Chennai-90**

Clause 18 :

List of mandatory machinery, tools & plants to be deployed by the contractor at site:-
As per the list mentioned in the para F2 of the Additional Specifications

Clause 19C:- Executive Engineer, (Civil)
Chennai 2 Division
CPWD, Chennai-600006

Clause 19D ;- Executive Engineer, (Civil)
Chennai 2 Division
CPWD, Chennai-600006

Clause 19G :- Executive Engineer, (Civil)
Chennai 2 Division
CPWD, Chennai-600006

Clause 19K:- Executive Engineer, (Civil)
Chennai 2 Division
CPWD, Chennai-600006

Clause 25(i)

Constitution of Dispute Redressal Committee:

(i) For all claims in dispute:

(a) Conciliator: (Special Director General or the Additional Director General concerned with the work, as applicable)

(b) Arbitrator Appointing Authority: Chief Engineer(Chennai), CPWD, Chennai or his successor or thereof

(c) Place of Arbitration: Chennai, Tamil Nadu.

I - Nil O - Nil C - Nil

NOTICE FOR APPOINTMENT OF ARBITRATOR

To
The Chief Engineer, Chennai.
.....
Subject: Notice for appointment of Arbitrator for adjudication of disputes relating to agreement Number…….

Dear Sir,
In terms of **clause 25 (Arbitration Clause)** of the aforesaid agreement, particulars of which are given below, I/we hereby give you notice to appoint an arbitrator for adjudication of disputes mentioned below:

1. Name of applicant
2. Whether applicant is Individual/Prop. Firm/Partnership Firm/Ltd. Co.
3. Full address of the applicant
4. Name of the work and contract number in which arbitration sought
5. Name of the Division which entered into contract
6. Contract amount
7. Date of contract
8. Stipulated date of start of work
9. Stipulated date of completion of work
10. Actual date of completion of work (if completed)
11. Total number of claims made
12. Total amount claimed
13. Date of intimation of final bill (if work is completed)
14. Date of payment of final bill (if work is completed)
15. Amount of final bill (if work is completed)
16. Date of reference made to SDG/ADG for conciliation, if applicable:
17. Date of termination of conciliation proceedings:
18. I/We hereby give consent for appointment of Arbitrator of MoHUA Waiver agreement as per Appendix –XIX is enclosed Or

I/We do not give consent for appointment of Arbitrator of MoHUA.

I/We certify that the information given above is true to the best of my/our knowledge. I/We enclose following documents.

1. Statement of claims with amount of claims.
2. * Agreement of Waiver of Section 12(5) of the Arbitration and Conciliation Act. 1996 in Appendix-XIX

(Strikeout if not applicable)

Yours faithfully,

(Signature of the applicant)
(only the person/authority who signed the contract should sign here)

I - Nil O - Nil C - Nil

Copy to:

1. The Executive Engineer, C2D, Central PWD, Chennai-06

APPENDIX-XIX

Agreement towards waiver of Section 12(5) of Arbitration & Conciliation Act 1996

1. Whereas certain disputes have arisen between M/s …… (claimants) and M/s …… (respondents) relating to agreement No……
2. And whereas the parties are aware that Shri …… is on the cadre of CPWD, presently on deputation as Arbitrator, Ministry of Housing and Urban Affairs, Government of India.
3. I/We agree for the appointment of Shri ….. …… as the sole Arbitrator for adjudication of the disputes, and we hereby waive the applicability of Section 12(5) of the Arbitration & Conciliation Act, 1996.

(Signature)
(only the person/authority who signed the contract should sign here)
Name ……..……
Date ……..…….…

(The name of the Arbitrator, Ministry of Housing and Urban Affairs, Government of India may be enquired form the Engineer-in-charge, if required).

Clause 32

Minimum Qualifications & experience required for Principal Technical Representative.

Sl. No.	Designation	Minimum qualification and experience required	Discipline Number required	Numbers	Rate of recovery per month per person in case of non compliance.
			Nil		

Clause 38

i) Schedule / statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates **2023** printed by C.P.W.D **with upto date correction slips**

ii) Variations Permissible on theoretical quantities.

a) Cement for works with estimated cost put to tender not more than Rs. 5 Lakhs. — 3% plus / minus
For works with estimated cost put to tender more than Rs. 5 Lakhs. — 2% plus / minus

b) Bitumen All works. — 2.5% plus only & Nil on minus side

c) Steel Reinforcement and structural steel Sections for each diameter, section and category — 2% plus / minus

d) All other materials. — Nil

I - Nil O - Nil C - Nil

FORM 'J'
AFFIDAVIT

Name of work: C/O Semi-Permanent Rooms in The Second Floor of the Ladies Hostel at NIS Campus, Chennai.SH: Providing Aluminium Partitions and various repair works at different locations in NIS Campus, Tambaram, Chennai -47

NIT.No:62/AE-3/II/C2D/2026-27/Chennai

I/we undertake and confirm that our firm/partnership firm has not been blacklisted by any state/Central Departments/PSUs/Autonomous bodies during the last 7 years of its operations. Further that, if such information comes to the notice of the department then I/we shall be debarred for bidding in CPWD in future forever. Also, if such information comes to the notice of department on any day before date of start of work, the Engineer-in-charge shall be free to cancel the agreement and to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee (Scanned copy of this notarized affidavit to be uploaded at the time of submission of bid)

NOTE: Affidavit to be furnished on a 'Non-Judicial' stamp paper worth Rs.100

Signature of Bidder(s) or an authorized
Officer of the firm with stamp

Signature of Notary with seal

I - Nil O - Nil C - Nil

AE/CCSD3/II

FORM 'G'

Name of work: C/O Semi-Permanent Rooms in The Second Floor of the Ladies Hostel at NIS Campus, Chennai.SH: Providing Aluminium Partitions and various repair works at different locations in NIS Campus, Tambaram, Chennai -47

NIT.No:62/AE-3/II/C2D/2026-27/Chennai

I / we undertake and confirm that eligible similar work(s) has/ have not been got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer in charge shall be free to forfeit the entire amount of Earnest Money Deposit/ Performance Guarantee.

NOTE: Affidavit to be furnished on a **'Non-Judicial'** stamp paper worth **Rs.100/-**

Signature of Bidder(s) or an authorized Officer of the firm with stamp

Signature of Notary with seal

(Scanned copy to be uploaded at the time of submission of Bid)

I - Nil O - Nil C - Nil

AE/CCSD3/II

ANNEXURE III

DETAILS OF CONTRACTOR

Name of work: C/O Semi-Permanent Rooms in The Second Floor of the Ladies Hostel at NIS Campus, Chennai.SH: Providing Aluminium Partitions and various repair works at different locations in NIS Campus, Tambaram, Chennai -47

NIT.No:62/AE-3/II/C2D/2026-27/Chennai

Name of Tenderer: ----------

Registration class/Department : ----------

Validity of Registration : ----------

Address of the Tenderer : ----------

Contact Telephone no. : ----------

Mobile no. : ----------

E-mail ID : ----------

Yours faithfully

(Duly authorized signatory of the bidder)

I - Nil O - Nil C - Nil

AE/CCSD3/II

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

1. Whereas the Executive Engineer (name of division) CPWD on behalf of the President of India (herein after 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** 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 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 of our liability for payment there under 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 here under 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

I - Nil O - Nil C - Nil

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 constitution of the Bank or 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

Authorized signatory

Name

Designation

Staff code no.

Bank seal

2. Signature ……
   Name and address

*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, as the case may Be.

I - Nil O - Nil C - Nil

SPECIAL CONDITIONS

1. Before tendering, the contractor shall inspect the site of work and shall fully acquaint himself about the conditions prevailing at site, availability of materials, availability of land and suitable location for construction of godowns, stores and camp, transport facilities, the extent of lead and lifts involved in the work (over the entire duration of contract) including local conditions, as required for satisfactory execution of the work and nothing extra whatsoever shall be paid on this account.

2. The contractor shall at his own expense and risk arrange land for accommodation of labour, setting up of office, the storage of materials, erection of temporary workshops, and construction of approach roads to the site of the work including land required for carrying out of all jobs connected with the completion of the work. However, the departmental land, to the extent available may be allowed to be used for the purpose free of rent without accepting any responsibility for the delay, if any, on this account. The contractor shall have to abide by the regulations of the authorities concerned and the directions of the Engineer-in-charge for the use of the land available at the site of work. If during construction it becomes necessary to remove or shift the stored materials shed workshop, access roads, etc. to facilitate execution of any other work by any other agency, the contractor shall do as directed by the Engineer-in-charge and no claim whatsoever, shall be entertained on this account.

3. It shall be deemed that the contractor shall satisfied himself as to the nature and location of the work, transport facilities, availability of land for setting up of camp etc. The department will bear no responsibility for lack of such knowledge and the consequences thereof.

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

5. The contractor shall be responsible for the true and proper setting out of the work in coordination with the Engineer-in-charge or his authorized representatives and for the correctness of the positions, levels, dimensions and alignments of all parts of the structure and for the provisions of all necessary instruments appliances and labor in connection therewith. If at any time, during the progress of work, any error appears or arises in the position, levels, dimensions or alignment of any part of the work, the contractor on being asked to do so by the Engineer-in-charge, shall rectify such error to the entire satisfaction of Engineer-in-charge. The checking by the Engineer-in-charge or his authorized representative shall not relieve the contractor of his responsibility for the correctness of any setting out of any line or level. The contractor shall carefully protect and preserve all bench marks pegs and pillars provided for the setting out of works.

6. All setting out activities concerning establishment of benchmarks, theodolite stations centre line pillars etc. including all materials, tools, plants, equipments, theodolite and all other instruments, labor etc. required for performing all the functions necessary and ancillary thereto at the commencement of the work, during the progress of the work and till the

I - Nil O - Nil C - Nil

completion of the work shall be carried out by the contractor and nothing extra shall be paid on this account.

7. 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 result of such tests and consequences thereon shall be binding on the contractor. The contractor or his authorized representative shall remain in contact with the Engineer-in-charge or his authorized representative associated for all such contact with the Engineer-in-charge or his authorized representative associated for all such operations. No claim of payment or claim of any other kind, whatsoever, shall be entertained from the contractor.

   All testing charges shall be borne by the contractor / ~~department in the manner indicated below~~.

   ~~By the contractor, if the results show that the material does not confirm to relevant specifications and BIS codes or any other relevant code for which confirmatory test is carried out.~~

   ~~By the Department, if the results show that the material conforms to relevant BIS codes or any other relevant code for which confirmatory test is carried out.~~

8. The necessary tests shall be conducted in the laboratory approved by the Engineer-in-charge. The samples for carrying out all or any of the tests shall be collected by the Engineer-in-charge or on his behalf by any other officer of CPWD. The contractor or his authorized representative shall associate himself in collection, preparation, packing and forwarding of such samples for the prescribed tests and analysis. In case he or his authorized representative is not present or does not associate himself, the results of such tests and consequences thereon shall be binding on the contractor.

9. Materials used on work without prior inspection and testing (where testing is necessary) and without approval of Engineer-in-charge are liable to be considered unauthorized, defective and not acceptable. The Engineer-in-charge shall have full powers to require 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 conform 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.

10. The contractor shall make his own arrangement for the Water required for execution of work and get the water tested at his own cost with regard to its suitability for use in the works and get written approval from the Engineer-in-charge before he proceeds with the use of same for execution of work. Nothing extra shall be paid to the contractor on this account.

11. The work shall be carried out in such a manner so as not to interfere/or effect or disturb other works being executed by other agencies, if any.

12. Any damages done by the contractor to any existing work or work being executed by other agencies shall be made good by him at his own cost.

I - Nil O - Nil C - Nil

13. The work shall be carried out in the manner complying in ail respects with the requirement of relevant rules and regulations of the local bodies under the jurisdiction of which the work is to be executed and nothing extra shall be paid on this account.

14. For completing the work in time, the contractor might be required to work in two or more shifts and no claims whatsoever shall be entertained on this account, notwithstanding the Fact that the contractor will have to pay to the laborers and other staff engaged directly or indirectly on the work according to the provisions of the labor regulations and the agreement entered upon and/or extra amount for any other reasons.

15. There is no electric power supply at the site of work. The contractor will have to make his own 'arrangement for obtaining electric connection from the state electricity board and make necessary payments directly to the department concerned and/or install generators at the site of work, if required and nothing extra whatsoever will be payable on this account.

16. The drawings for the work attached in the document relating to this contract and all other drawings that will be issued by the Engineer-in-charge during the execution of work shall at all times be properly correlated before executing any work and no claim whatsoever shall be entertained on this account.

17. The contractor shall maintain in good condition all work executed till the completion of the entire work entrusted to the contractor under this contract and nothing extra shall be paid on this account.

18. No payment will be made to the contractor for damage caused by rain, floods and other natural calamities whatsoever during the execution of the works and any damage to the work on this account shall have to be made good by the contractor at his own cost and nothing whatsoever ' shall be paid on this account.

19. The rates for all items of work, unless clearly specified otherwise, shall include the cost of all labor materials, de-watering and other inputs involved in the execution of the items.

20. Unless otherwise provided in the schedule of quantities or CPWD specifications the rates tendered by the contractor shall be all-inclusive and shall apply to all heights, depths, leads and lifts.

21. No claim whatsoever for idle labor, additional establishments, costs of hire and labor charges for tools and plants etc. would be entertained under any circumstances.

22 For the safety of all labor directly or indirectly employed in the work for the performance of the contractor's part of this agreement, the contractors shall, in addition to the provisions of CPWD safety code and directions of the Engineer-in-charge make all arrangements to provide facility as per the provisions of Indian Standard Specifications (Codes) listed below and nothing extra shall be paid on this account.

1. IS 3696 Part I Safety Code for scaffolds and ladders
2. IS 3696 Part II Safety Code for scaffolds and ladders Part II ladders
3. IS 764 Safety Code for excavation work
4. IS 4081 Safety Code for Blasting and Drilling operations,
5. IS4138 Safety Code for working in compressed air.
6. IS 7293 Safety Code for working with construction machinery
7. IS 7969 Safety Code for storage and handling of building materials

I - Nil O - Nil C - Nil

23. The contractor shall take all precautions to avoid all accidents by exhibiting necessary caution boards and by providing red flags, red lights and barriers. The contractor shall be responsible for any accident at the site of work and consequences thereof.

24. Royalty at the prevalent rates and all other incidental expenditure shall have to be paid by the contractor, on all the boulders, metal single, earth, aggregates, sand, bajri, Brick bats etc. collected by him for the execution of the work direct to the concerned Revenue Authority of the State or Central Government and the amount paid shall not be reimbursed in any form whatsoever.

25. In case of specifications the following hierarchy will be followed:

(1) Nomenclature of the item.

(2) Additional Specifications, particular specifications, special / additional condition if any as defined in the contract documents.

(3) Drawings

(4) CPWD Specification.

(5) BIS Specification (Latest version) if CPWD specification not available.

(6) Manufacturers specifications if BIS specification not available.

(7) Sound engineering practices. Standard text books.

(8) If none of the above is available decision of Engineer-in-Charge will be Final.

26. All Stone aggregates, sand, stone dust, etc shall be obtained only from the quarry or other source approved by the Engineer in charge before they are actually procured and used in the work. The rate for the items mentioned in the schedule of quantities includes all charges and nothing-extra payable on any account.

27. The additional specifications given below are not substitute to C P W D specifications or I S specifications. These shall be read along with C P W D specifications or I S specifications.

27.1 The work shall be carried out using metric dimensions only and shall be measured and paid in metric dimensions. F P S units, if any, mentioned in drawings etc are for guidance only.

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

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

27.4 The tenderer shall study the item description, the relevant drawings and satisfy himself the item of work to be carried.

27.5 The contractor shall produce the copy of the current validity of the BIS certification of the agency from whom materials was procured by the contractor. BIS marked materials shall also be got tested. The materials and the quantity for which tests to be conducted shall be decided by the Engineer-in-charge.

I - Nil O - Nil C - Nil

27.6 The rate shall be for all heights and locations and shall include all material, labor etc unless specified in the item description.

28. Labour Cess 1% etc., as applicable shall be borne by the contractor himself. **Any recovery towards GST is notified by the competent authority, the same shall be effected and no claim what so ever shall be entertained by CPWD. The contractor shall quote his rates accordingly**.

The rate for providing and fixing water supply and sanitary fittings, the rate is inclusive of cost of removing the existing damaged ones, unless otherwise specified separately.

29 For the item of providing and laying granite / vitrified tile flooring, the rate quoted shall be inclusive of protective coat of plaster of paris of required thickness, if necessary.

30. The rate quoted for tile flooring is inclusive of any hacking of base slab for better bonding of cement mortar as directed by the Engineer-in-Charge.

31. GST @ 2% to be recovered in each running/final bill.

32. All expenditure to be incurred for testing of samples e.g. Packaging, Sealing, transportation, loading, unloading etc, including testing charges shall be borne by the contractor.

I - Nil O - Nil C - Nil

ADDITIONAL CONDITIONS

1. The contractor shall make his own arrangements for obtaining electric connections if required and make necessary payments directly to the department concerned.

2. Other agencies doing works related with this project will also simultaneously execute the works and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, openings etc. for laying/burying in the work of pipes, cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for other agencies. Conduits for electrical wiring/cables will be laid in a way that they leave enough space for concreting and do not adversely affect the structural members. Nothing extra over the agreement rates shall be paid for the same.

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

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

5. The work of water supply, internal sanitary installations and drainage work etc. shall be carried out as per local Municipal Corporation or such local body-bye-laws and the contractor shall produce necessary completion certificate from such authorities after completion of the work.

6. Water tanks, taps sanitary, water supply and drainage pipes, fittings and accessories should conform to byelaws and specifications of the Municipal Body/Corporation where C P W D specifications are not available. The contractor should engage licensed plumbers for the work and get the materials (fixtures/ fittings) tested by the Municipal Body/ Corporation authorities wherever required at his own cost.

7. The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charge, which he may be liable.

8. The contractor shall give a performance test of the entire installation(s) as per standing specifications before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test.

9. Any cement slurry added over base surface (or) for continuation of concreting for better bond is deemed to have been in built in the items and nothing extra should be payable (or) extra cement considered in consumption on this account.

I - Nil O - Nil C - Nil

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

11. The contractor shall take instructions from the Engineer-in-Charge for stacking of materials in any place. No excavated earth or building material shall be stacked on areas where other buildings, roads, services compound walls are to be constructed.

12. If as per Municipal / Local body rules the huts for labor are not be erected at the site of work by the contractors, the contractors are required to provide such accommodation as is acceptable to local bodies and nothing extra shall be paid on this account.

13. Royalty at the prevalent rates shall have to be paid by the contractor on all the boulders, metals, shingle sand and bajri etc., collected by him for the execution of the work direct to the Revenue authority or authorized agent of the State Government concerned or Central Government.

14. Wherever Hindi version also exists, and if there be variations between Hindi and English version in any part of the tender documents, the English version alone shall prevail.

15. The Rate for RCC works include cost of concreting in sloped & curved roof, chajjas & beams and no extra rate shall be payable on any account.

16. The Rate for Centering & shuttering under concrete items include cost of centering and shuttering in curves & arches up to 20 degrees.

17. The Contractor should construct proper mortar bands of lean mix with adequate depth & smaller size over the curved roof for flooding with water & proper curing. In case of Arches, wet gunny bags shall be used for a period of two weeks.

18. Contractor has to make his on arrangement of water at site of work. If Government water is used by contractor recovery for the same @1% on gross work done will be effected from R/A Bills and Final Bill respectively.

I - Nil O - Nil C - Nil

ADDITIONAL SPECIFICATIONS

The additional specifications given below are not substitute to C P W D specifications or I S specifications. These shall be read along with C P W D specifications or I S specifications.

GENERAL

1. The work shall be carried out using metric dimensions only and shall be measured and paid in metric dimensions. F P S units, if any, mentioned in drawings etc are for guidance only.
2. Wherever any reference to any Indian Standard Specification occurs in the documents relating to this contract the same shall be inclusive of all amendments issued there to or revision thereof if any, up to the date of receipt of tenders.
3. Unless otherwise specified in the schedule of quantities the rates for the various items are for all heights and locations.
4. Unless otherwise specified in the schedule of quantities the rate for the items of the work shall be considered, as inclusive of pumping out or bailg out water, if required, for which no extra payments will be made. This will include water encountered from any source, such as rains, floods, sub-soil water table being high or due to any other cause whatsoever.
5. The tenderer shall study the item description, the relevant drawings and satisfy himself the item of work to be carried.
6. The contractor shall produce the copy of the current validity of the BIS certification of the agency from whom materials was procured by the contractor. BIS marked materials shall also be got tested. The materials and the quantity for which tests to be conducted shall be decided by the Engineer-in-charge.

B. WOOD WORK

1. The timber to be used in the work should be best quality specified.
2. All glass panes used for doors and windows shall be single sheet.

C. RCC WORK:

1. The Mixing of Concrete shall be done in the mechanical mixer. Besides the mixer should also have arrangement for weighing water so that, water cement ratio can be controlled more effectively.
2. For all RCC works only factory made round type cover blocks shall be used instead of pre cast cover blocks as per 5.3.2.2 of CPWD Specification 2002. The CPWD specification stands modified to the extent.

D. ALUMINIUM WORK

1. The aluminium doors, windows, ventilators, fixed glazing etc shall be manufactured as per architectural drawings. Section manufactured by standard manufactures shall be used. The name of the manufacturers shall be got approved from the Engineer – in – charge in advance.
2. The contractor shall submit necessary drawings, based on the architectural drawings supplied to him, indicating the section numbers as per manufacturers catalogue, their unit weight, total weight of each unit, method of jointing the various members including details of hinges, rollers, handles etc to the Engineer – in – Charge for his approval. Only after the drawings are approved the required material shall be procured. The Engineer – in – Charge may modify the drawings and the work should be executed as per the modified drawings .

I - Nil O - Nil C - Nil

3. The weight of the doors, windows etc shall be calculated considering the length and weight per unit length of various aluminium members only. The weight of gaskets, glazing, rollers, stoppers etc shall not be considered.
4. The anodic coating of the aluminium section shall be as per the thickness specified in the schedule of quantities. The thickness of anodic coating shall be got tested in a reputed laboratory. Method of sections shall be employed for finding the thickness. The anodic coating shall confirm to IS 1868: 1982.
5. The various tests on aluminium sections shall be conducted in accordance with relevant I S codes.
6. The weight of aluminium section shall be least of the following

i) Actual weight per unit length.

ii) Weight as mentioned in the catalogue of the manufacturer.

7. The fabricated aluminium sections shall be given a lacquer coating which shall be maintained during the construction period to prevent damage to the aluminium sections. The same shall be cleaned and polished before handing over the building.
8. The doors, windows, ventilators etc shall be provided with glass of specified type and thickness. Weather sealing neoprene gaskets shall be provided while fixing the glass.
9. If the thickness of glass is not mentioned then the same shall be as per C P W D specifications as per area of opening.
10. The sliding shutters of windows shall be provided with superior quality nylon / metal rollers , aluminium stoppers and special type locking arrangements. The arrangements shall be got approved from the Engineer – in – Charge before procuring them.
11. The aluminum sections shall be connected to each other, wherever needed, using extruded aluminium angles of suitable size and thickness not less than 6 MM using stainless steel screws. **Such connecting angles shall not be measured for payment.**
12. Wherever aluminium doors, windows etc are to be fixed touching the soffit of beams a clear gap of min 6 mm may be left between the bottom of beam and top of aluminium member and the same shall be filled with silicon sealant of approved quality.

    The rate shall be for all heights and locations and shall include all material, labor etc unless specified in the item description.

E. EARTH FILLING:

In respect of Item no. --- ie filling in foundations, plinth and the area wherever required with available earth and earth carted from outside, the rate is inclusive for all lifts and leads of filling and nothing extra shall be payable.

F. STANDARD OF ACCEPTANCE

Standard of acceptance shall be as specified in CPWD Specification 2019 Field laboratory: The contractor shall at his own cost, equip and establish a field laboratory at the site of work with requisite man power for carrying out all mandatory tests for RCC works. The apparatus, instrument and equipment to be provided in the laboratory, is as per the drawings and directions of the Engineer – in – Charge as detailed below

I - Nil O - Nil C - Nil

CONDITION FOR CEMENT & STEEL TO BE BROUGHT BY THE CONTRACTOR

Cement

1.1. The contractor shall procure 43 grade (conforming to IS: 8112) ordinary Portland cement as required in the work, from reputed manufacturers of cement having a production capacity of one million tones per annum or more, such as ACC, Ultra Tech, J.P.Rewa, Vikram, Shree Cement, Birla Jute, Coromondal, Deccan, Dalmia, Ramco and Cement Corporation of India, etc., as approved by the Ministry of Industry, Government of India, and holding license to use ISI certification mark for their product whose name shall be got approved from the Engineer-in-Charge. Supply of cement shall be taken in 50 kg bags bearing manufacturer's name and ISI marking. Samples of cement arranged by the contractor shall be got tested in accordance with provisions of relevant BIS codes. In case, test results indicate that the cement arranged by the contractor do not conform to the relevant BIS codes, the same shall stand rejected and shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer-in-Charge to do so.

1.2. ~~The cement shall be brought at site in bulk asd of approximately 50 tonnes or as decided by the Engineer-in-Charge.~~

1.3. ~~The cement go-down of the capacity to store a maximum of 2000 bags of cement shall be constructed by the contractor at site or work for which no extra payment shall be made. Double lock provision shall be made to the door of the cement go-down. The keys of one lock shall remain with the Engineer-in-Charge or his authorized representative and the key of the other lock shall remain with the contractor. The contractor shall be responsible for the watch and ward and safety of the cement go-down. The contractor shall facilitate the inspection of the cement godown by the Engineer-in-Charge at any time~~.

1.4. The contractor shall supply free of charge the cement required for testing. The frequency and the details of the tests shall be decided by the Engineer-in-Charge depending on the quantum of supply in each batch. The cost of tests shall be borne by the contractor/Department in the manner indicated below:

a) By the contractor, if the results show that the cement does not conform to the relevant BIS codes.

b) By the Department, if the results show that the cement conforms to relevant BIS codes.

1.5. The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in the contract and shall be governed by conditions laid therein. Items for which standard coefficients for cement consumption are not available in DSR 2021, the same shall be decided by the Engineer-in-Charge.

I - Nil O - Nil C - Nil

1.6. Cement brought to site and cement remaining unused after completion of work shall not be removed from site without written permission of the Engineer-in-Charge.

1.7. The cement bags shall be stacked on proper floors consisting of two layers of dry bricks laid on well-consolidated earth at a level of at least one foot above ground level. The stacks shall be in rows of 2 and 10 bags high with minimum of 0.60 m clear space alround. The bags should be placed horizontally continuous in each line. Actual size/shape of godown shall be as per site requirements and nothing shall be paid on this account. The decision of Engineer-in-Charge regarding capacity shall be final.

Cement register for the cement shall be maintained at site. The account of daily receipts and issues of cement shall be maintained in register in the pro forma prescribed and signed daily by contractor or his authorized agent.

2. Special conditions for steel reinforcement bars:

(1) The CPWD/Contractor shall procure TMT bars of various grades from primary steel producers such as SAIL, TATA Steel ltd, RINL, Jindal Steel ltd and JSW steel ltd., or any other manufacturers listed in the list of JPC Kolkata having valid BIS license for IS: 1786-2008.

(2) The contractor shall have to obtain and furnish test certificates to the Engineer-in-charge in respect of all supplies of steel brought by him to the site of work.

(3) Samples shall also be taken and got tested by the Engineer-in –Charge as per the provisions in this regard in relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not conform to the specifications. The same shall stand rejected, and it shall be removed from the site of work by the contractor at his cost within a week time or written orders from the Engineer in Charge to do so.

(4) ~~The steel reinforcement bars shall be brought to the site in bulk supply of 10 tonnes or more as decided by the Engineer.~~

~~(5) The steel reinforcement bars shall be stored by the contractor at site of work in such a way as to prevent their distortion and corrosion, and nothing extra shall be paid on this account. Bars of different sizes and lengths shall be stored separately to facilitate easy counting and checking.~~

~~(6) For checking nominal mass, tensile strength, bend test, re-bend test, elongation etc. Specimens of sufficient length shall be cut from each size of the bar random, and at frequency not less than that specified below:~~

~~Size of bar~~	~~For consignment below 100 tonnes~~	~~For consignment consignment above 100 tonnes~~
~~Under 10 mm dia bars~~	~~One sample for each 25 tonnes or part there of~~	~~One sample for each 40 tonnes or part there of~~
~~10 mm to 16 mm dia bars~~	~~One sample for each 35 tonnes or part there of~~	~~One sample for each 45 tonnes or part there of~~
~~Over 16 mm dia bars~~	~~One sample for each 45 tonnes or part there of~~	~~One sample for each 55 tonnes or part there of~~

I - Nil O - Nil C - Nil

(7) The contractor shall supply free of charge the steel required for testing including its transportation to testing laboratories. The cost of tests shall be borne by the contractor.
(8) The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein. In case the consumption is less than theoretical consumption including permissible variations recovery at the rate so prescribed shall be made. In case of excess consumption no adjustment need to be made.

(9) The steel brought to site and the steel remaining unused shall not be removed from site without the written permission of the Engineer in charge.

I - Nil O - Nil C - Nil

PARTICULAR SPECIFICATION AND ADDITIONAL CONDITIONS FOR WATER PROOFING WORK

6.1 The work shall be got executed as per CPWD Specifications and as per the manufacturer's specification through specialized agency as approved by the Engineer-in-charge.

The contractor shall furnish the following particulars immediately after the issue of letter of acceptance by the department.

(a) The name of the specialized firm.

(b) The trade names of the product, which would be used.

(c) List of works where the treatment has been used.

(d) Quantity of chlorides and sulphides used in the product.

GUARANTEE FOR WATER PROOFING TREATMENT

6.2 The contractor shall be fully responsible for and shall guarantee proper performance of the entire waterproofing system for a period of 5 (Five) years to be reckoned from the date after the maintenance period prescribed in the contract, which shall be furnished in a non-judicial stamp paper of value not less than Rs.100/- in approved proforma before final payment and shall not in any way limit any other rights of the Employer may have under the contract .Guarantee for water proofing shall comprises of all the items described above in particular specification.

All water-proofing work shall be carried out through approved specialist agency as per method of working approved by the Engineer-in-charge. However the contractor shall be solely responsible for waterproofing treatment until the expiry of the above guarantee period.

Five years guarantee in prescribed proforma attached shall be given by the contractor for the water proofing treatment. In addition 10% (ten percent) of the cost of these items of water proofing under this sub head shall be retained as guarantee to watch the performance of the work executed. However, half of this amount (withheld) would be released after Two and half years from the date of completion of the work, if the performance of the waterproofing works is satisfactory. The remaining withheld amount shall be released after completion of Five years from the date of completion of work, if the performance of the waterproofing work is satisfactory. If any defect is noticed during the guarantee period, it should be rectified by the contractor within seven days of issuing of notice by the Engineer-in-Charge and, if not attended to, the same shall be got done through other agency at the risk and cost of the contractor and recovery shall be effected from the amount retained towards guarantee. In any case, the contractor and the specialist agency, during the guarantee period, shall inspect and examine the treatment once in every year and make good any defect observed and confirm the same in writing. The security deposit can be released in full, if bank guarantee of equivalent amount, valid for the duration of guarantee period, is produced and deposited with the Department.

I - Nil O - Nil C - Nil

GUARANTEE TO BE EXECUTED BY CONTRACTOR FOR REMOVAL OF DEFECTS AFTER COMPLETION OF WORK IN RESPECT OF WATER PROOFING WORKS.

This agreement made this day of _____Two Thousand and _____ between _____ (Name of Contractor) hereinafter call Guarantor of the one part) and the PRESIDENT OF INDIA (hereinafter called the Government of the other part).

WHEREAS THIS agreement is supplementary to a contract (hereinafter called the Contract) dated _____and made between the GUARANTOR OF THE ONE part and the GOVERNMENT of the other part where by the Contractor inter alia, undertook to render the buildings and structures in the said contract recited completely water and leak proof.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said structures will remain water / leak proof for ten years from the date of completion of work.

NOW THE GUARANTOR hereby guarantees that water proofing treatment given by him will render the structures completely leak proof and the minimum life of such water proofing treatment shall be FIVE years to be reckoned from the date completion of work.

Provided that the Guarantor will not be responsible for leakage caused by earthquakes or structural defects or misuse of roof or alterations and for such purpose

a) Misuse of roof shall mean by operation, which will damage roofing treatment, like chopping of firewood and things of the same nature, which might cause damage to the roof.
b) Alteration shall mean construction of an additional storey or a part of roof or construction adjoining to existing roof, where by roofing treatment is removed in parts.
c) The decision of the Engineer-in-Charge with regard to cause of leakage shall be final.

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

That is the Guarantor fails to execute the necessary rectification or commits breach there under then the Guarantor will indemnify the Principal and his successors against all loss, damage, cost expense or otherwise which may be incurred by him by reasons of any default on the part of GUARANTOR

I - Nil O - Nil C - Nil

in performance and observance of this supplementary agreement. As to the amount of loss and / or damage and / or cost incurred by the Government, the decision of the Engineer-in-Charge will be final and binding on the parties.

In witness where of these present, has been executed by the Obligator _____

and by _____ for and on behalf of the PRESIDENT of INDIA

on the _____ day of _____ month of _____ year first above written.

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

1.

2.

Signed for and on behalf of The PRESIDENT OF INDIA in the presence of:

1.

2.

I - Nil O - Nil C - Nil

LABOUR CONDITIONS

1. The Agency should Process the certificate of at least 10 Employees are covered under the EPF & ESIC Act
2. The Agency has to inspect the premises & the area under this contract & quote rates accordingly for effective maintenance and nothing extra payable. The contractor shall make his own arrangements for equipment like Tools & plants for skilled and unskilled labours and trolleys, Black Plastic Carry bags to dispose the waste materials up to dust bin and other tools on his own arrangement, and Department will not issue any materials.. Under No circumstances the materials, debris to be thrown from different floors to ground floor directly. All the Debris to brought down by manually through stair case & lift shall not be used under any circumstances.
3. Some restrictions may be imposed by the security staff etc., on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on this account.
4. The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charge, which he may be liable.
5. The Agency has to arrange one supervisor to monitor the labours deployed in different works under this contract and will report the day to day event to the JE/AE in-charge of work. The wages of supervisor to be loaded in proportion and nothing extra shall be payable on this account..
6. The work has to be carried out in the occupied Office premises. Hence, due care shall be taken not to disturb the existing installation and the occupancy. No extra shall be allowed on account of the above.
7. 1% labor welfare cess will be recovered on total value of work done in each bill. The cleaning work to be done to the satisfaction of Engineer – in – Charge after completion of day work.
8. The tenderer shall have to pay minimum wages to the labourer as prescribed / issued by the Deputy Chief labor Commissioner (Central), Ministry of labor and employment, , Government of India from time to time. Any tenderer quoted below the prescribed minimum wages shall have to give an undertaking to the Department for ensuring the minimum wages to the labourers. Minimum wages for unskilled person and skilled person and the payment to be made only by ECS or through Cheque. The wages shall be paid in the presence of junior / Asst. Engineer and every bill should accompany the wage register duly counter signed by the Junior Engineer / Asst. Engineer –in-charge.in order to verify the minimum wages are being paid by the agency. Unless the Wage register is submitted along with the bill no payment shall be made. The Same to be uploaded in WPMS on weekly basis.

I - Nil O - Nil C - Nil

9. Minimum wages to be ensured to workers as per latest minimum wages act. Prevailing then. The wages are to be paid as per the minimum wages act circulated by the DLC, Government of India.
10. Whenever the repair works are on at the end of the periodical cleaning of surroundings and staircase area shall be duly entered in the register and got signed by the authorized official from the service center / JE /AE in charge of the work, daily. In case of non satisfaction of cleaning the same will be recorded in the register on the respective day and recovery will be made
11. All safety measures in respect of labours deployed by the agency rest with the contractor and incase of any accident 100% responsibility lies with the contractor for any compensation payable to the worker.
12. Passport size of the photograph of the labours deployed by the agency along with the address proof mentioning name of the labours duly countersigned by the agency to be submitted by the agency to the Asst. Engineer in charge of the work at the time of commencement of work. Whenever labor deployed are changed the ID proof mentioned above to be submitted to Asst. Engineer in charge in order to update the database of the labor deployed in up-keeping the campus.

Assistant Engineer

I - Nil O - Nil C - Nil

AE/CCSD3/II

List of Approved Civil materials

NOTE: Not withstanding to the approval given in the list, the field staff are requested to observe the following conditions

1. Equivalent material and finishes of any other make may be used on written request of the contractor, in case of unavoidable circumstances and also if it is established that minimum three brands are not specified below or three brands out of all brands specified below are not available in the market, after written approval of the alternate brand by the NIT approving authority. This substitution shall be subject to cost adjustment in case the substituting brand is available at cheaper rates in market than those mentioned herein above. There shall be no cost adjustement if the substituting brand is costlier in market than those mentioned herein.

2. In addition, the brands approved as hereunder, should have valid and active BIS certificate as on the date of supply for the work.

3. Material shall conform to make in India policy of Government of India as on the date of supply for the work.

4. Other brands not included in the list below but having BIS certificate on the date of supply for the work shall only be allowed against note (1) above.

5. In case of non availability of BIS codes for any of the materials incorporated above, the Engineer-in-charge shall send the materials for testing as per the relevant ASTM or EN codes and satisfy himself before using the same in work.

Sl.No	Material Description	Material	
		Brand	Make
SUB HEAD No.2			
EARTH WORK			
1	Chloropyriphos	DURSBANTCT	DE-NOCIL Ltd.
		Premise Agends	Bayer Ltd
		PIRAMID	AMVAC AGRI RASAYAN Pvt Ltd
		NOBAN	Chemtts Wets & Flows Pvt. Ltd
		HILBAN	Hidustan Insecticides Ltd.
SUB HEAD NO.3			
MORTAR			
1	Ordinary Portland Cement (43 grade) / Portland Pozzolona Cement (PPC)	ACC	ACC cements Ltd
		Ultra Tech	Ultra Tech Cement Ltd.
		Coromandal	India Cements Ltd.
		Chettinadu	Chettinadu Cements Corporation Ltd.
		Bharathi	Bharathi Cement Corporation Ltd.

I - Nil O - Nil C - Nil

		Dalmia	Dalmia Cement Bharat Ltd.
		Zuari	Zuari Cement Limited.
		JSW	JSW Cement Ltd.,
		Japee Cement	Japee Cement Ltd
		Maha Cement	Myhome Industries Pvt Ltd.
		J.K Cement	J.K Cement Pvt. Ltd
		Ambuja Cement	Ambuja Cements Ltd
		Penna Cement	Penna Cement Industries Ltd.
		Konark Cement	Konark Cement
		Centuary Cement	Birla Gold Cement
		Shree Cement	Shree Cement
		Ramco Cement	Ramco Cement Ltd
		Sagar Cement	Sagar Cement Ltd
		Emami Cement	Emami Cements Ltd
SUB HEAD NO.4			
CONCRETE WORK			
1	Damp Proof course materials	MAPEI	MAPEI Construction Products India Pvt. Ltd.
		Impermo	Snowcem Paints
		Duraseal	Apurva India Pvt. Ltd.
		ACCO Proof	ACC Cement Ltd.
		Dr.Fixit	Pidilite Industries
		Ferrous crete	Ferrous Crete (India) Pvt. Ltd.
		Fosroc	Fosroc Chemicals India Pvt. Ltd.
		CICO	CICO Industries
		SIKA	Sika India Pvt. Ltd
		PIDILITE	Pidilite Industries Ltd.
		BASF	BASF India Ltd
		MYK	MYK LATICRETE India Pvt.Ltd.
		Asian Paints smart caredampproof	Asian Paints Ltd
		Weather Coat Roof gaurd	Berger Paints
		Polytancreteiwl	Sunanda Speciality coatings Pvt.ltd.
		Wallshield 2K	Berger Paints

I - Nil O - Nil C - Nil

		KCPL	Kunal Conchem Pvt Ltd
SUB HEAD NO.5			
REINFORCED CONCRETE WORK			
1	TMT bars Fe-500D	SAIL	Steel Authority of India Ltd.
		TISCO	TATA STEEL Ltd
		VIZAG	Rastriya Ispat Nigam Ltd.
		JSW	JSW Steel Ltd
		Shyam Steel	Shyam Steel Industries ltd.
		Contrament, power flow	MC Bauchemie (India) Pvt. Ltd.
2	Plasticiser & Super Plasticiser	Sunanda Chemicals	Sunanda Chemicals Ltd.
		Plastiment, Sikament	Sika Inida Pvt Ltd.,
		Conplast SP430	FOSROC India
		Chryso-HP / Delta / Optima	Chryso India Pvt. Ltd.,
		MYK Schomburg	MYK Arments range of products
		BASF	BASF India Ltd
		CICO	CICO Industries
		Smart Care Techno Plast/Smart Care Maximo Plast	Asian Paints Ltd
		Endura	H.R. Jhonsons
		KCPL	Kunal ConchemPvt. Ltd.,
3	Expansion Joint Bitumen board	Dura board HD100	Supreme Industries
		DURAFILL	Supreme Industries
		STP	Shalimar Tar Products
4	Post Tensioning system	CRUX	Crus processing systems Pvt Ltd
		VSL	VSL India Pvt Ltd

I - Nil O - Nil C - Nil

		Ultracon	Ultracon Structural Systems Pvt Ltd
		BBR	BBR (India) Pvt Ltd
5	PT Strands	DP wires	DP Wires Ltd
		TATA Wiron	TATA Steel Ltd
		Usha Martion	Usha Martion Ltd
6	Adhesives	Dunlop	India Tyre & Rubber Co (India) Ltd.
		Vamorganic	Vamorganic Ltd.,
		Sika	Sika India Pvt. Ltd
		Fevicol	Pidilite Industries
		Proofex of adhesive	Fosroc India Ltd
		CICO	CICO Industries
		Asian Paints	Asian Paints
		Kerabond Plus	MAPEI Construction Products India P Ltd.
7	Grout	Ardex	Ardex Endura Adhesive India Pvt. Ltd
		LATA POXY	MYK LATICRETE India Pvt. Ltd
		Fugabella, Porcelana	Kerakoll India Pvt. Ltd.
		Dr.Fixit	Pidilite Industries
		Weber	Saint-GobinIndiaPvt. Ltd
		Ferrous crete	Ferrous Crete (India) Pvt. Ltd.
		BASF	BASF India Ltd
		FosrocGP2	Fosroc India Ltd
		MYK Schomburg	MYK Arments range of products
		Fugabella, Porcelana	KerakollIndiaPvt. Ltd
		Kerapoxy	MAPEI Construction Products India P Ltd.
		KCPL	Kunal ConchemPvt. Ltd.,
		Asian paints	Smart Care SC GP Grout Grey
		Pidilite	Pidilite Industries Ltd.
		Care	Care

I - Nil O - Nil C - Nil

		Mapefill GPIN	MAPEI Construction Products India P Ltd.
		SIKA	SIKA India
		Smart Care SC GP Grout Grey	Asian Paints
		HomeshieldSupergrout	Berger Paints
8	Ready Mix Concreate	Ultra Tech	Ultra Tech Concrete
		ACC	ACC Ltd
		RMC (India)	RMC (India) Pvt. Ltd.
		Lafarge	Lafarge India Pvt. Ltd
9	Mechanical coupler for Reinforcement	Dextra	Dextra India Pvt., Ltd.
		Sanfield	Sanfield India Ltd
SUB HEAD NO.6			
BRICK WORK			
1	AAC Blocks	Xtralite	ULTRATECH Cement Ltd
		Areocon	HIL
		Siporex	SIPOREX
		Nucon	Green way building materials India Pvt. Ltd
		Renacon	Renaatus Procon Pvt. Ltd.
		Birla Aerocon	HIL Ltd (CK Birla Group)
		NCL	NCL VEKA Ltd.
2	Adhesive for AAC Block /Tiles	Ultrtech	Ultratech cements Ltd.
		Ardex Endura/Gold Star	Ardex Endura
		Ferrous Crete	Ferrous Crete (India) Pvt. Ltd.
		Smart Care Tile Adhesive	Asian Paints
		Tile Adhesive Plus	Berger Paints

I - Nil O - Nil C - Nil

SUB HEAD NO.9			
WOOD & PVC WORK			
1	Wooden Flush door shutters	Jayna ply	Jain Wood Industries
		Raavella door	Raavella Industrials (P) Ltd
		Kailash	Kailash Hi tech Timber Industries India Pvt. Ltd
		Shakthi	Shree Shakthi Modern Flush doors
		Greenlam	Greenlam Industries
		Mayur	Mayur Plywood
		MP Ply wood products	MP Wood products
		Archidply	Archidply Industries Ltd
		DEC	D.E.C Infrastructure & Project (India) Pvt.Ltd.
		Greenpanel	Greenpanel Industries Ltd.
		Jain Doors	Jain Doors Pvt. Ltd,
		Indian Timber Products	Indian Timber Products
		Kitply	Kitply Industries Ltd.
		DuroFlushdoors	Duro Ply Industries Ltd.
		Kenwood	Kenwood Ply & Board
		Century	Century Flush Doors
2	Water Proof Plywood, Commercial ply, Fire retardant ply and Block boards, BWR Marine Ply, BWR/ MR Ply.	Jayna ply	Jain Wood Industries
		Greenpanel	Greenpanel Industries Ltd.
		Archidply	Archidply Industries Ltd
		Kitply	Kitply Industries Ltd.
		Duroply	Duro ply Industries Ltd.,
		Century ply	Century Flush Doors
		Wuudply	M/s Prime Veneers Ltd.
3	Laminates	Green Lam	Green lam Industries Ltd.
		Centuary	Centuray laminates
		Merino	Merino laminates

I - Nil O - Nil C - Nil

		Royal touche	Royal touche laminates
		Kitmica	Kitply Industries Ltd.
		Formica	Formica Laminates (India) Pvt Ltd.
		Heritage	Deco Mica Limited, Ahmedabad
		Decolam	Decolam India Pvt Ltd.
		Archidply	Archidply Industries Ltd
		Sonear	Sonear Laminates
		Sunmica	Sunmica Industries
		Vidya Ply	Vidya Ply & Board Pvt.Ltd.
4	Prelaminted particle board MDF (Exterior Grade)	Novapan	GVK NovapanIndustries Pvt Ltd.,
		Merino	Marino laminates
		Kitlam	Kit PlyIndustires Ltd,
		Ecoboard	Ecoboard Industries Ltd.
		Associate	Associate Décor Limited
		Archid ply	Archid ply industries Ltd.
		TESA	Balaji Action Buildwell
		Centuary	Centuary MDF
		Green lam	Green lam industries Ltd.
		Heritage	Deco Mica Limited, Ahmedabad
		Greenpanel	Greenpanel Industries Ltd.
5	Veenering	Greenpanel	Greenpanel Industries Ltd.
		Centuary	Centuary MDF
6	FRP Door Frames & Shutter	Jain Doors	Jain Doors Pvt. Ltd,
		Signum	Signum Fire Protection India Pvt. Ltd
		Meena Fibre Glass,	Meena Fibre Glass
		Duroplast	Duroplast extrusion Pvt Ltd
		Cactus	Cactus
		Polyline	Polyline
7	1.Factory made panel door shutter, 2.Factory made wire mesh door shutters 3.LVL door shutter	Jain doors	Jain doors Pvt Ltd
8	High Density (HDF) Prelaminated board	Pergo	Red Floor India
		Armstrong	Armstrong world Industries
		Green ply	Green ply Industries Ltd.,

I - Nil O - Nil C - Nil

9	Gypsum board	Gyproc Saint Gobain	Saint Gobain Gyproc India Ltd
		Lafarge	Lafarge Gypsum India Pvt Ltd
		USG Boral Board	USG Boral Board India (P) Ltd
		Armstrong	Armstrong wold Industries
10	Glass Door Hardware	Dorma	Dorma India Pvt Ltd
		Kich	Kich Architectural Products Ltd.
		Classic	Classic hardware
		Hafele	Hafele India Pvt. Ltd
		Ozone	Ozone Hardware.
		Geze	Geze GMBH
		Define	Define Overseas Pvt. Ltd.
		Squash	Squash glass doors
		Dorset	Dorset Industries Pvt Ltd
		Garg	D P Garg Pvt Ltd
11	Hydraulic door closers/ Floor springs	Godrej	Godrej locking solution & systems
		Hardwyn	Hardwyn hardware
		Dorma	Dorma India Pvt Ltd.
		Everite	Everite agencies
		MAGNUM KIT	Mukund Overseas
		Dorset	Dorset Industries Pvt Ltd
		Geze	GezeGMBH
		Garg	D P Garg Pvt Ltd
		Ingersolrand	Ingersolrand India Pvt Ltd
		OZONE	Ozone Hardware.
12	Locks & Latches	Dorset	Dorset Industries Pvt Ltd
		Godrej	Godrej locking solutions& systems
		Harrison	Harrison locks
		Plaza	Bharat lock House
		Yale	ASSA ABLOY India (P) Ltd.
		Hitech	Globe Locks India
		Hafele	Hafele India Pvt. Ltd
		Link	Link Locks
		Geze	GezeGMBH
		Garg	D.P. Garg Pvt Ltd.,
13	Metalic / Steel Fire Door ,	Shakthi Hormann	Shakthi Hormann Pvt Ltd,

I - Nil O - Nil C - Nil

	frame and shutters	Promot	Promot fire & Insulation (P) Ltd.
		Godrej	Godrej Security solutions
		Signum Fire	Signum Fire Protection India Pvt. Ltd
		MPP Schodders	MPP Technology Pvt.Ltd.
		NAVAIR	NAVAIR International Pvt Ltd
		Sukri	Sukri Fire doors Pvt.Ltd
		Kenwood	Kenwood Ply & Board
14	Fire Smoke Seal	Hilti	Hilti India Pvt Ltd.
		Raven	Raven Global
		Promat	Promat fire & Insulation (P) Ltd.
		Atroflame	Atroflame Ltd.
15	Non Metalic Floor Surface Hardners	Ironite	Ironite
		Hardonite,	Hardonite
		FOSROC	Fosroc India
		SIKA	SIKa India
		BASF	BASF India Ltd.,
		CICO,	CICO Technologies Ltd.,
		Pidilite	PidiliteIndustries Ltd,
16	Fire rated hardware	Dorma	Dorma India Pvt. Ltd
		Ingersolrand	Ingersolrand (India) Ltd,
		Geze	GezeGMbH
		Dorset	Dorset Industries Pvt Ltd
		Garg	D.P. Garg Pvt Ltd.,
		Backers FS	Backers FS
17	Non Metalic Fire door	NAVAIR	NAVAIR International Pvt Ltd
		Promot	Promot fire & Insulation (P) Ltd.
		Godrej	Godrej Security solutions
		Kenwood	Kenwood Ply & Board
18	Stainless steel screws	Kundan	Kundan Industries Ltd.
		Pooja	Pooja SteelCorportion
		Atul	Atul fasteners Ltd.
		Alloy	Alloy ltd
		GKW	GKW Limited
		Nettlefold	Nettlefold screws

I - Nil O - Nil C - Nil

19	Butt Hinges openable window shutters	Hafela	Hafele India Pvt. Ltd
		Alu Alpha	Alu Alpha India
		Earlt Bihari	EarltBihari India Pvt .Ltd.
		Dorma	DormakabaIndiaPvt. Ltd
		Garg	D.P. Garg Pvt Ltd.,
		Dorset	Dorset Industries Pvt Ltd
		Jolly	Jolly Engineering works
20	Mild Steel Butt Hinges / Piano hinges	Garg	D.P Garg& Company
		Amit	Lovely metal industries Pvt Ltd.
		Jyoti	Jyoti Architectural Pvt Ltd.
		Supreme	Supreme
		Saswat	Saswat
		Deepak	Deepak
		Swift	Swift screws
21	Stainless steel Butt hinges	Prayag	PrayagPolymers (P) Ltd
		Ozone	Ozone Hardware.
		Dorma	Dormakaba India Pvt Ltd
		Geze	GEZEGMBH
22	Concealed tower bolt	Dorma	Dorma India Pvt Ltd
		Ingersolrand	Ingersolrand (India) Ltd,
		Alu Alpha	Alu Alpha India
		Garg	D.P. Garg Pvt Ltd.,
		DORSET	Dorset Industries Pvt Ltd
23	UPVC doors, frames and window profiles	Fenesta	Fenasta DCM Shriman
		QUTE	QuteextrusionPvt. Ltd
		LG	LG Housys India
		Kommerling	Profine India Window technology Pvt Ltd.
		Duroplast	Duroplast extrusion Pvt Ltd
		Polyline	Polyline extrusion Pvt Ltd
		Aparna Venstar	Aparna Enterprises Ltd.

I - Nil O - Nil C - Nil

24	Stainless friction hinges	AMD	AMD overseas Impex (India) Pvt. LTD.
		SimtaAstrix	Simta clear coats pvt.Ltd
		Rajshri	Rajshri Productions Pvt. Ltd.
		NCL VEKA	NCL VEKA Ltd.
		Prominance	Prominance Window Systems
		Marcolini	Mathura Polypack(P) Ltd.
		Akshara Polymerss	Akshara Polymerss
		Encraft	Encraft India Pvt.Ltd.
		Rehau	Rehau Unlimited Polymer Solutions
		Aluplast	Alu Alpha India
		Shirke	B.G Shirke Construction Technology Pvt Ltd.
		Hetich	HetichIndia Pvt .Ltd.
		Haffle	Haffle India Pvt .Ltd.
		Securistyle	Securistyle India Pvt .Ltd.
		Earl Bihari	Earl Bihari India Pvt .Ltd.
		ROTO	ROTO Frank Asia
		EBCO	EBCO
25	Float Glass	Saint Gobain,	Saint Gobain India Pvt .Ltd. ,
		Asahi	Asahi India glass .Ltd.
		Pilkinton	Pilkinton India Pvt .Ltd.
		Modiguard	Gujarat Guardian Ltd.
26	Reflective glass	Saint Gobain,	Saint Gobain India Pvt .Ltd. ,
		Asahi	Asahi India glass .Ltd.
		Pilkinton	Pilkinton India
		Glaverbel	Glaverbel India
		Modifloat	Gujarat Guardian Ltd.
27	Tempered reflective/clear glass	Saint Gobain,	Saint GobainIndia Pvt .Ltd.
		FUSO	FUSO Glass India Pvt .Ltd.
		Gurind	Gurind India
		Impact safety	Impact safety glassworkes Pvt Ltd

I - Nil O - Nil C - Nil

		Asahi	Asahi India glass Ltd,
		Modiguard	Gujarat Guardian Ltd.
28	Fire rated glass	Contra flam/ Pyroswiss of SanitGobain	Saint Gobain India Pvt Ltd.
		Pyran of Schott	Schott glass India Pvt .Ltd.
		Pilkinton	Pilkinton India
		Promat	Promat fire & Insulation (P) Ltd.
29	Anchor/ SS Stone Dash fasteners	Hilti	Hilti India Pvt .Ltd.
		Fischer	Fischer India
		Anchor	Anchor Ltd
		Kundan	Kundan Industires Ltd.
		Nutech	Nutech Construction Chemicals
		Canon	Cannon
		Wurth	Wuerth India Pvt. Ltd
		Trixel	Axel India Pvt.Ltd
		Helfen	Helfen Anchoring System
		BOSCH	BOSCH Ltd
30	Partions	Birla Aerocon	HIL Ltd (CK Birla Groups)
STEEL WORK			
1	Structural Steel	SAIL	SAIL
		TISCO	TATA STEEL
		VIZAG	RINL
		JSW	JSW
		Apollo	APL Apollo
2	M.S.Pipes / Tubes and Hollow sections.	SAIL	SAIL
		TISCO	TATA STEEL
		METPRO	MKK Matel Section Pvt. Ltd.
		R.K. Steel	R.K. Steel Manufacturing CompnayPvt. Ltd.,
		Apollo	APL Apollo
		Kalinga	Kalinga Tubes
		JINDAL	JSW
		Nezone	Nezone Tubes Limited
3	Stainless steel pipes / sections	Salem	SAIL
		Jindal	JSW

I - Nil O - Nil C - Nil

		SAIL	SAIL
		KINGSTON	KINGSTON Brass
		Connect	Connect ltd.
		Ark	Ark Product Pvt. Ltd
4	Stainless steel Bolts, washers, nuts	Kundan	Kundan Industires Ltd
		Pooja	Pooja Steel Corrporation
		Atul	Atul fasterners Ltd
		Hilti	Hilti India Pvt. Ltd
5	Stainless steel pressure plate screws	Kundan	Kundan Industires Ltd
		Pooja	Pooja steel corporation
		Atul	Atul fasterners Ltd
6	Welding rods	Advani	Advani oerlikon Ltd.
		ESAB	ESAB India Pvt. Ltd
7	Metal Deck Sheet	TATA	TATA STEEL
		SAIL	SAIL
8	Shear Stud/Connector	KOCO	KOSTER & Co.
9	Steel Windows/Pressed Steel Frames	Madhu Industries,	Madhu Industries, San Harvic, NCL
		San Harvic,	San Harvic
		NCL	NCL Industries
10	M S Precision Tubes (cold seamless pipes	R K Steel	R K Steel Manufacturing Compnay Pvt Ltd
SUB HEAD No.11			
FLOORING			
1	Vitrified tiles & Bath room anti-skid tiles	Asian (AGL)	Asian Granite India Ltd
		NITCO	NITCO Ltd
		RAK	RAK Ceramic IndiaPvt Ltd.
		Kajaria	Kajaria Ceramic Ltd
		Restile	Restile Ceramic Ltd
		Somany	Somany Ceramic Ltd
		Jhonson	Prism Jhonson Ltd
		Orient Bell	Orient Bell Ltd

I - Nil O - Nil C - Nil

		Varmora Granito	Varmora Granito Granite Ptd Ltd
		Oasis	Oasis Vitrified Pvt Ltd
		Naveen	Murudeshwar Ceramics Ltd.,
		Anuj	Aravid Ceramic Industries Ltd
		Asttra	Asttra Tile and Pavers Company
		Viero	Aparna Tiles
		Aparna Vitero	Aparna Enterprises Ltd
2	Glazed Wall Ceramic Tiles	Asian (AGL)	Asian Granite India Ltd
		NITCO	NITCO Ltd
		RAK	RAK Ceramic IndiaPvt Ltd.
		Kajaria	Kajaria Ceramic Ltd
		Somany	Somany Ceramic Ltd
		Jhonson	Prism Jhonson Ltd
		Orient Bell	Orient Bell Ltd
		Varmora Granito	Varmora Granito Granite Ptd Ltd
		Oasis	Oasis Vitrified Pvt Ltd
		Naveen	Murudeshwar Ceramics Ltd.,
		Anuj	Aravid Ceramic Industries Ltd
3	Cement concrete parking tiles	NITCO	NITCO Ltd
		Eurocon	Eurocon tiles India
		Dazzle	Dazzle Designer tiles Pvt Ltd
		Ultra	Ultra tile private Ltd.
		Anuj	Aravid Ceramic Industries Limited,
		Hindustan tiles	Hindustan tiles, Ranchi Pune
		Poddar	Paddar Udyog
		Asttra	Asttra tile and pavers company
		NTC	NTC parking tiles
4	Synthetic Sports Track Flooring	Armstrong	Armstrong flooring
		LG	LG Hausys India
		Wondor floor	RMG Polyvinyl India Ltd
5	Linoleum Sports Flooring	Armstrong	Armstrong flooring India Pvt Ltd
		Forbo	Forbo flooring India Pvt Ltd
		Gerflor	Gerflor flooring
	False flooring	Hewetson	Hewetson India
		Unifloor	Unifloor Inida Ltd

I - Nil O - Nil C - Nil

6		Unitile	Unitile Office system Pvt Ltd
		Kebao	Inner Space (Distributors)
		Access floor system	Access Floor System
		PINNACLE	PINNACLE
7	Engineered wooden flooring	Armstrong	Armstrong flooring
		Werner	Durafloor Werner Gmbh
		Pergo	Redfloor India
		Mikasa Real wood floors	Green Lam Industries
		New wood	New wood india Ltd
8	White Cement	ACC	ACC Cements Ltd
		Birla	Birla Corportion Ltd.
		JK White	JK Cement ltd.
9	Vitrified Paving tiles	PAVIT	PAVIT ceramics Pvt Ltd.
10	Synthetic Carpet tiles	TOLI	TOLI Corporation
		Hollitex	Hollitex Carpet tiles
		Standard Carpets	Standard Carpets
11	Glass Mosaic tiles	Italia	Tile Italia Mosaics Pvt Ltd
		Palladio	Palladio Mosaics
		Bisazza	Bisazza Italy
		Coral	Coral tiles
		Mridul	Mridul tiles
		Birla white	Birla Corporation Ltd
		JK White	J K Cement Ltd
		PAVIT (Eco Tile)	PAVIT Ceramics Pvt Ltd
12	PVC Flooring	LG Hausys	LG Hausys
		Ger flor	Gerflor flooring
		Armstrong	Armstrong world Industires
13	Grass Paver	Unistone	Unistone
		Ultra	Ultra Ltd
SUB HEAD No.12			
ROOFING			
1	Thermal Insulation treatment	Elastospray	BASF
		Pidilite	Pidilite industries
		Rock India Pvt.LTd	Rock India Pvt.Ltd
		Weathercoat Kool & Seal	Berger Paints
2	Roof Tiles (for	PAVIT (Eco Tile)	PAVIT Ceramics Pvt Ltd

I - Nil O - Nil C - Nil

	Temperature reduction)	Anuj	Aravid Ceramic Industries Ltd
3	Acoustic Insulation	Twingerinsul	U.P.Twigafiber glass Ltd
		Lloyd Insulation	Lloyd Insulation (India) Ltd
		Saint Gobain Gyproc	Saint GobainGyproc India
		Himalyan Acoustics	Himalyan Acoustics
		Knauf	Knauf Gypsum India Pvt. Ltd.
		Anutone	Anutone Acoustics Ltd.
4	UPVC Pipes and fittings (Rain water pipes)	Supreme	Superme Industries Ltd.
		Prince	Prince pipes and fittings Ltd.
		Finolex	Finolex Industries Ltd.
		Prepoly	Premier PVC Industry.
		Astral	Astral polytechnik Ltd.
		Ajay	Ajay Industrial Corporation
		Sharon	Sharon Extrusions.
		Vectus	Vectus
		Prayag	Prayag Polimers (P) Ltd
		Flow Guard	Flow Guard
		Truflow	HSIL Ltd of Hindware
		Ashirwad	Ashirwad PVC Pipes
5	Sandwich PUF panelled roofing sheets	Lloyd Insulation	Lloyd Insulation (India) Ltd
		Jindal Mectec/ Jindal	Meetee Pvt Ltd
		Danpalon	Danapal Light architecture
		GE Plastic	GE Silicones
		Lexan	Lexan Ltd
6	Polycorbanate roof sheets	Danapalon	Danapal Light Architecture
		Alcox	Hindeggan Alcox Ltd
		Polygal	Polygal India Pvt Ltd
		MG Polyplast	MG Polyplas
		GE Lexon	GE Silicones
7	False Ceilings	Aerolite	Andhra Polimers Pvt Ltd
		Anutone	Anutone Accoustics Ltd
		Armstrong	Armstrong World Industries
		Ramco	Ramco Industries Ltd
		Knauf	Knauf Gypsum India Pvt Ltd
		Himalyan Acoustics	Himalyan Acoustics
		Saint Gobain Gyproc	Saint Gobain Gyproc India
		Gridsquare	Gridsquare Ceilings
		USG Boral	USG Boral

I - Nil O - Nil C - Nil

		Hunter Dougals	Hunter Dougals
8	False ceiling members (Perimeter, ceiling section, intermediates angles etc)	Armstrong	Armstrong World Industries
		Gypframe steel	British Gypsum
		Knauf	Knauf Gypsum India Pvt Ltd
		Saint Gobain	Saint Gobain Gyproc
		Aerolite	Andhra Polimers Pvt Ltd
		Gridsquare	Gridsquare Ceilings
		Hunter Dougals	Hunter Dougals
9	Non Asbestos fiber sheet (Cement roofing sheets)	Charminar Fortune	HIL Ltd (CK Birla Group)
10	Galvolume sheet for roofing, cladding, sandwhitch panel	Lloyd Metel Craft	Lloyd Insulation (India) Ltd
		Tata Blue Scope	Tata Bluescope
		Bhushan	Bhushan steel
		JSW	JSW
		ESSAR	Essar Group
SUB HEAD No.13 & 14			
FINISHING			
1	Synthetic enamel Paint	Premium gloss enamel	Asian paint Ltd
		Dulex	ICI dulex Ltd
		Nerolac	NerolacPaints Ltd
		Berger	Berger Paints
		Nippon	Nippon Paint India Ltd.
		Surfa Coats	Surfa coats Pvt Ltd
2	Pink primer	Wood primer	Asian paint
		Dulex	ICI dulex
		Nerolac	NerolacKansiaNerolac Paints Ltd.,
		Berger	Berger Paints
		Nippon	Nippon
3	Red Oxide Zinc Chromate primer	High performance yellow metal primer	Asian paint
		Dulex	ICI dulex
		Nerolac	Neroloc Paints Ltd
		Berger	Berger Paints
		Nippon	Nippon
4	Oil Bound Distemper	Tractor Aqalock	Asian paint
		Dulex	ICI dulex
		Nerolac	Neroloc Paints Ltd

I - Nil O - Nil C - Nil

		Berger	Berger Paints
		Nippon	Nippon
		mG Polyplast	Neroloc Paints Ltd
5	Acrylic emulsion	Tractor emulsion (premium)	Asian paint
		Dulex	ICI dulex
		Nerolac	Neroloc Paints Ltd
		Berger	Berger Paints
		Nippon	Nippon
		Surfa Coats	Surfa coats Pvt Ltd
6	Water Proof Cement paint	Asian exterial wall primer	Asian paint
		Berger	Berger Paints
		Cem Colour	Snowcem Paints
		Surfa	Surfacoats (India) Pvt Ltd
		ICI DULUX	ICI DULUX
7	Acrylic smooth exterior paint	ACE / Apex	Asian paint
		Berger	Berger
8	Premium Acrylic smooth exterior paint with silicon additives	ACE / Apex	Asian paint
		Berger	Berger
9	Cement based wall putty	J.K.wall putty	J.K. Cement Ltd.
		Birla wall case	Birla Cements Ltd.,
		Asian paints	Asian paints Ltd
		Altek	NCL Alltek&seccold Ltd.
		Birla Hil	HIL Ltd (CK Birla Group)
		Berger	Berger
		Ardex Endura	Ardex Endura India Pvt. Ltd.
		Ferrous Crete	Ferrous Crete (India) Pvt. Ltd.
10	Acrylic Texured Plaster	Apex Duracast	Asian paint
		Spectrum Paints	Spectrum Paints Ltd
		Heritage	Heritage Rajkamal Group
		Asian Paints	Asian Paints
		Neroloc	Neroloc Paints Ltd
11	Ready Mix Cement Plaster	Wall Plast	Wall Plast products Pvt Ltd
		Readi Plast	Ultra tech cement Ltd
		Ramco super plaster melamine	Ramco Cement Ltd
		Gyproc Plasters	Saint Gobain Gyproc India

I - Nil O - Nil C - Nil

		Ultra tech	Ultra tech Cement Ltd
		Knauf	Knauf Gypsum India Pvt Ltd
		Ferrous Crete	Ferrous Crete (India) Pvt Ltd
12	Melamine Polish	Asian paints	Asian paints
		Polycure	Polycuremalaysia
		Melamine Gold wudfin	Pidilite industries
13	Fire retardant paint	Jotun	Jotun paints
		Hilti	Hilti India
		Akzonobel	DulexAkzonobel Paints
		Asian Paints	Asian Paints
		STPL Ltd.	STPL Ltd.
14	Anticorrosive bitumastic paint	Berger	Berger paints India Ltd.
		Shalimar	Shalimar paints India Ltd.
		IS 158 bituminous black	Asian Paints
15	Cement Primer	Asian paints	Asian paints
		JK Primaxx	JK Cement Ltd.
		Berger	Berger paints India Ltd.
16	Epoxy Paint	Berger	Berger paints India Ltd.
		Shalimar	Shalimar paints
		Asian Epoxy	Asian Paints
		STP Ltd.	Shalimar Tar Products
		Ardex Endura	Ardex Endura India Pvt. Ltd.
		Mapecoat L24	MAPEI Construction Products India P Ltd.
		Nerolac	Neroloc Paints Ltd
		Sun Epoxy Paint	Sunanda Speciality Coatings Pvt,Ltd
17	Epoxy Coating	Fosroc	Fosroc India
		Laticrete	MYK Laticrete India
		BASF	BASF India Ltd
		Ardex Endura	Ardex Endura India Pvt. Ltd.
		Mapecoat DW25	MAPEI Construction Products India P Ltd.
		Ferrous Crete	Ferrous Crete (India) Pvt. Ltd.
		Sun Epoxy Paint	Sunanda Speciality Coatings Pvt,Ltd
18	Sililcon coating	Dow corning	Dow corning India
		BASF	BASF India Ltd.

I - Nil O - Nil C - Nil

		GE	GE Silicones
		Wacker	Wacker silicones.
19	Textured Acyrlic Exterior paint	Asian expoxy	Asian paints
		Berger	Berger Paints India Ltd
		Surfa Coats	Surfa coats Pvt Ltd
		Akzonobel	DulexAkzonobel Paints
		Ebco	Ebco
		Neroloc	Neroloc Paints Ltd
20	Ready made/ Gysum Plaster	Ferrous Crete	Ferrous Crete (India) Pvt. Ltd.
		Gyproc Cute 100	Gyproc India
		Ultra tech	Ultra tech Cement Ltd
21	PU Enamel Metalic Paints on MS Structure & Epoxy paints (Premium Quality)	SKK	SKK Ltd
		Akzonobel	Akzonobel Paints
		Asian	Asian paints
		Berger	Berger Paints India Ltd
		MRF	MRF Paints
22	PU Coating (UV Resistant Liquid applied coating)	Smart care	Asian paints
		Pidilite	Pidilite Industries
		BASF	BASF
		Fosroc	Fosroc India
		SIKA	SIKA India
		PU Roofkoat	Berger Paints
23	High end Exterior textures	Allura/ Graniza Range	Asian paints
		SKK Brand	SKK Ltd
		Berger	Berger Paints India Ltd
SUB HEAD No.16			
ROAD WORK			
1	Interlocking Concrete Paver Blocks	Dazzle	Dazzle designer tiles (P) Ltd.
		Ultra	Ultra tiles Pvt Ltd.,
		Shree	Shree Bharat Paver blocks
		Hindustan tiles	Hindustan tiles, Ranchi Pune
		Vyara tiles	VYARA TILES Pvt.Ltd.,/Surat
		Basant Betons	Basant Betons
		Asttra	Asttra Tile and Pavers Company.
		NITCO (ROCKARD)	NITCO

I - Nil O - Nil C - Nil

		BHARAT (NILSAN)	Bharat
		REGENCY	Regency
2	Solar studs/ Median markers	3M	3M Science
		Avery Dennison	Avery Dennison India Pvt Ltd.
		Nikkalite	Nippon carbideIndustires (USA)
3	Polycorbonate Convex mirrors, Rubberised road hump	Unique safety solutions	Unique safety solutions
SUB HEAD No.17			
SANITARY INSTALLATIONS			
1	Mirrors	Modi Guard	Gujarat Guardian Ltd.
		Saint Gobain	Saint Gobain Glass India Ltd.,
		AIS mirror	Asahi India glass Ltd,
		Atul	Atul glass Industries Ltd.,
		CERA	CERA Sanitaryware Ltd.,
2	Vitreous Commodes/ Washbasin	Hindware	HSIL Ltd,
		Roca	ROCA Bath room products
		Parryware	ROCA BathPvt. Ltd.,
		Kohler	Kohler world wide
		Somany	Somany Ceramic Ltd,
		Golf Ceramics (Prayag)	Golf Ceramics Ltd
		NEYCER	NEYCER India Ltd.,
		CERA	CERA Sanitaryware Ltd.,
		Rak Ceramics	Rak Ceramics India Pvt. Ltd
		Jaquar	Jaquar Group
		Bathsense	Asian paints
3	Flushing Cistern with EWC/WC	Parryware	ROCA Bath Pvt. Ltd.,
		Shakti	Shakti Enterprises
		Hindware	HSIL Ltd,
		Rak Ceramics	Rak Ceramics India Pvt. Ltd
		CERA	CERA Sanitaryware Ltd.,
		Kohler	Kohler world wide
		Jaquar	Jaquar Group
		Bathsense/TECE	Asian paints Ltd
4	Urinals	Parryware	ROCA Bath Pvt. Ltd.,
		Shakti	Shakti Enterprises
		Hindware	HSIL Ltd,
		CERA	CERA Sanitaryware Ltd.,

I - Nil O - Nil C - Nil

		Rak Ceramics	Rak Ceramics India Pvt. Ltd
5	SWR / UPVC Pipes& fittings	Supreme	SupermeIndustires Ltd.
		Astral	Astral polytechnik Ltd.
		Finolex	Finolex Industries Ltd.,
		Ajay	Ajay Industries Ltd.
		Vectus	Vectus Industries Ltd.,
		Prince	Prince Pipes and fittings
		Prayag	Prayag polymers Pvt Ltd.,
		Sentini	Sentini Flopipes, India Private Ltd.
		Birla Hil	HIL Ltd (CK Birla Group)
		Astral	Astral Poly Technik Limited,
		Flowgard	Ashirwad PVC Pipes
		Truflow	HSIL Ltd of Hindware
6	Stainless Steel Kitchen sink	Jhonson	PrisionJhonson Ltd.,
		Diamond	Pheonix Appliances Pvt. Ltd.
		Jindal	Centuarypolytech
		Kingston	Kingston brass India
		Nirali	Jyoti (India) matel Industries Pvt Ltd.
		Hindware	HSIL Ltd
		Silver shine	Blue stone sanitary Industries Pvt. Ltd.
		Prayag	PrayagPolimers (P) Ltd.
		Navkar	Shri Navkar Metals Ltd.
		Futura	Futura Kitchen Sinks India Pvt. Ltd.
		CERA	CERA Sanitaryware Ltd.,
		Nilkanth	Nilkant
		Joyna	Joyna
		Franke	Franke India Ltd.
7	Sensor Based Auto flush Systems	AOS Systems,	AOS Systems
		TOTO	TOTO Ltd
		Parryware,	Parryware
		Hindware,	HSIL Ltd
		Grohe,	Grohe
		Jaquar	Jaquar Group
		Kochier	Kochier
8	Centrifugally Caste	Neco	JayaswalNeco Ltd

I - Nil O - Nil C - Nil

	(Spun) Iron Soil waste, Pipes and fittings.	RPMF	Raj Pattern Makers and Founders Pvt. Ltd.
		SKF brand	SKF Industries
		HEPCO	Hepco
		Bengal Iron Corporation	Bengal Iron Corporation
		HIF	M/s.Babulal Bajaj Iron Foundry
9	Modular Kitchen/ Wardrobes/ Hardware and accesseries	Sleek	Asian Paints
		Godrej	Godrej & Boyee Co
		Spacewood	Spacewood
		Evoke	Evoke
SUB HEAD No.18			
WATER SUPPLY			
1	G I Pipes	TATA	TATA Steel Ltd.,
		Zenith	Zenith Birla (India) Ltd.
		Jindal	Jindal Pipes Ltd.,
		R.K. Steel	R.K. Steel Manufacturing CompnayPvt. Ltd.,
		HISSAR	HISSAR
		Apollo	APL Apollo
2	PE-AL-PE Composite Pipes	Kitec	Kitec Industries (India) Pvt Ltd
3	G I Pipe fittings	Zoloto	Zoloto Industries
		Unik	Unikmalleables
		HB	HB Industries
		ICS	Sgreesamarth Engineers
		R.K. Steel	R.K. Steel Manufacturing CompnayPvt. Ltd.,
4	Water supply Valves	Zoloto	Zoloto Industries
		leader	leader valves Ltd.,
		ARCO	Arco valves Pvt. Ltd.,
		Nanda	Nanda Miller company
5	CPVC pipes and fittings	Supreme	Supreme Industries Ltd.
		Finolex	FinolexIndustries Ltd.
		Astral	Astral Polytechnik Ltd.,
		Prince	Prince Pipes andfinttings Ltd,.
		Ajay	Ajay Industrial corporation

I - Nil O - Nil C - Nil

		Prayag	Prayag polymers Pvt Ltd.,
		Vectus	Vectus Industries Ltd.,
		Truflo	HIS Ltd.
		Anil	Anil Thermoplastics Pvt. Ltd.
		Birla Hil	HIL Ltd (CK Birla Group)
		Sentini	SentiniFlopipesIndiaPvt. Ltd.
		Astral	Astral Poly Technik Limited,
		Ashirwad	Ashirwad PVC Pipes
		Flowgard	Flowgaurd
6	PVC / HDPE water storage tanks	Sintex	Sintexplastic technology Ltd,.
		Vectus	Vectus Industries Ltd.
		Supreme	Supreme Industries Ltd.
7	Water supply fixtures like bibcock, Shower panels	Jaquar	Jaquar Group
	CP Brass fixtures like bibcock, angle cock , Piler Cock, mixtures, Showers etc.,	Parryware	Roca bath room products Pvt. Ltd,
		Metro	Metro sanitationsPvt. Ltd.,
		Waterman	Kewal brothers
		Seiko	Seiko Sanitations
		Prayag	Prayag polymers Pvt Ltd.,
		Kingston	Kingston brass India
		Johnson	Prism Jhonson Ltd
		CERA	CERA Sanitaryware Ltd.,
		MARC	MARK Showers
		HINDWare	HSIL Ltd.
8	Air release valve	Kirloskar	Kirloskar brothers Ltd.,
		RBM	AFS Ltd.,
		Kartar	Kartar valves private Ltd.,
9	Centrifugally (Spun) Cast Iron Pipes	Jindal	Jindal saw Ltd.
		Kesoram	Kesoram Industries Ltd.
		Electrosteel	Electrosteel castings Ltd.
10	Spun Cast iron Fittings	Kartar	KartarValves Private Ltd.
		Neco	Jayaswal Neco Ltd
		Electrosteel	Electrosteel castings Ltd.
		Kapilansh Centrifugal	Kapilansh Dhatu Udyog(P)Ltd.
		SKF brand	SINGHALIRON FOUNDARY Pvt. Ltd.,

I - Nil O - Nil C - Nil

11	CI double flange sluice valve	Kirloskar	Kirloskar brothers Ltd.,
		RBM	AFS Ltd.,
		Kartar	Kartar valves private Ltd.,
		IVS	Indian valves private Ltd.,
		Zoloto	Zolota Industries
		Leader	Leader valves Ltd.
		BURN	BURN
12	CI double flanged non return valve	Kirloskar	Kirloskar Brothers Ltd.,
		Fluidtech	Fluidtech
		Zolto	Zolota Industries
13	Gun metal Valves	Zolto	Zolota Industries
		Leader	Leader valves Ltd.
		Sant	Sant valves Pvt Ltd,
		Audco	L&T Valves
14	PTMT/PVC water supply fittings like bibcocks, pillar cock, Angle valve, Stop Valve etc.	PEARL	Precision Products
		Prayag	Prayag Polymers (P) Ltd
		Supreme	Supreme Industries
15	Float Valve (Ball Valve)	Prayag,	Prayag Polymers (P) Ltd
		Leader,	Leader valves Ltd.
		Zoloto,	Zolota Industries
		IBP	IBP Industries
		Arco	Arco valves Pvt. Ltd.,
16	HDPE Pipes	DEC	DEC Infrastructure & Project (India) Pvt Ltd
SUB HEAD No.19			
DRAINAGE			
1	*RCC Pipes	Indian Hume Pipe	Indian Hume Pipe Ltd.,
		Jain & Co	Jain spun pipes Co.,
		Lakshmi Sood&Sood	Lakshmi Sood&Sood Pipe Co.
	(*) Madurai spun pipes has been discontinued from the approval list as they have confirmed that they do not possess BIS license.		
2	CI Manhole cover	Neco	JayaswalNeco Ltd.,
		BIC	Bengal iron corporation
		DEC	DEC Infrastructure & Project (India) Prviate Limited.
		HEPCO	Binay Udyog Pvt. Ltd.
3	SFRC Cover and grating	KK	KK Manhole and gratings Co Pvt Ltd.,

I - Nil O - Nil C - Nil

		Advent	Advent concrete vision
		Nu-TEC	Nu-Tech concrete products (P) Ltd,.
		Kutty	Kutty Industries
		DEC	DEC I & P India Pvt.Ltd.
4	Plastic Encapsulated Foot Rest	KK India	KK Manhole and gratings Co Pvt Ltd.,
		KGM	KGM Exports .
		Accurate Buildcon	Accurate Buildcon company.
5	Spun cast iron covers & gratings	Neco	JayaswalNeco Ltd
		Jagannath	Sri Jagannath Iron Foundry Pvt. Ltd.
		Kapilansh Centrifugal	Kapilansh Dhatu Udyog(P)Ltd.
		SKF brand	SINGHALIRON FOUNDARY Pvt. Ltd.,
SUB HEAD No.21			
ALUMINIUM WORK			
1	Aluminium doors/windows sections	Hindalco	Hindalco Industries Ltd.,
		jindal	jindalAluminium Ltd.,
		Bhoruka	BhorukaAluminium Ltd.,
		Indal	Indian Aluminium Ltd.,
		Padmavathi Extrusion	Padmavathi Extrusion Private Ltd.
		Hydro	Hydro Extrusion
		Omalco Extrusion	Omalco Extrusion Pvt. Ltd.
		Bhoruka	BhorukaAluminium Ltd.,
2	Aluminium systems/ Anodised aluminium fittings for doors/windows	Define	Define Overseas Pvt. Ltd.
		Schueco	SchuecoIndiaPvt. Ltd.,
		Bhoruka	BhorukaAluminium Ltd.,
		Kawneer	Kawneer India
		Hardima	Hardima sales corporation
		Everite	Everite Agencies
		Sigma	Sigma Corporation
		Jyothi	Jyothi Industries
3	Friction stay hinges	Earl Bihari	Earl Bihari Pvt. Ltd.

I - Nil O - Nil C - Nil

		KINLONG	Kinlong Industries
4	EPDM Gaskets	Anand	Anand NVH products (P) Ltd.,
		Roop	Roop Polymers Ltd.,
		Bohra	Bohra rubber Pvt Ltd.,
		Hanu	Hanu Industries
		Amee Rubber	Amee Rubber Industries Pvt Ltd.
5	Silicon Gaskets	Sree Gaurav	Sree Gaurav Rubber Products
6	Masking Tapes	3M	3M
		Sun	Sun
		Wonder polymer	Wonder Tape Industries
		Roop	Roop Polymers Ltd.,
7	Rockwool/ Glasswool insulation	Twigafiber,	Twigaifiber glass ltd
		Llyod Insulation	Llyod Insulation Ltd.
		Supereme	Supereme Industries ltd
8	Aluminium Formwork	MFE(MIVAN)	MIVAN
		S-Form	S-Form
		MFS	MFS
9	Aluminium Composite Panel	REYNOARCH	M/s.Alstone Industries Pvt Ltd., New Delhi.
SUB HEAD No.22			
WATER PROOFING WORK			
1	Water proofing compound	Fosroc	Fosroc India
		Sika	Sika India
		Dr.Fixit	PidiliteIndustires
		CICO	CICO Technologies Ltd.,
		Impermo	Snowcem paints
		Accoproof	ACC cements Ltd.,
		Ardex Endura	Ardex Endura (India) Ltd
		Alchemica	Alchemica Ltd.
		Ferrous Crete	Ferrous Crete (India) Pvt. Ltd.
		MYK Schomburg	MYK Arments range of products

I - Nil O - Nil C - Nil

		Penetron	Penetron India Pvt.Ltd
		Smart Care	Asian Paints
		Cementmix Plus/Advanced Latex Plus	Berger Paints
		Shaliplast LW+	STP Ltd
		Mapecure AS/Mapecure E 30/Mapecure ASE	M/s MAPEI Constructions Product India Pvt. Ltd.
		KCPL	Kunal ConchemPvt. Ltd.,
2	Membarane Water proofing system	BASF	BASF India Ltd.,
		STP Ltd	STP Ltd
		Texsa	Texsa India Ltd
		WR Grace	WR Grace Co India Pvt Ltd,
		Dr.Fixit	PidiliteIndustires
		Alchemica	Alchemica Ltd.
		Hydro tech	Hydro tech Ltd
		Ferrous Crete	Ferrous Crete (India) Pvt. Ltd.
		MYK Schomburg	MYK Arments range of products
		Asian paints	Smart Care Water Proofing products
		Ardex Endura	Ardex Endura ltd
		Mapeplan TU S20/Planiseal 88/Planiseak 288	M/s MAPEI Constructions Product India Pvt. Ltd.
		Elastoroof PU/Sunroof PU/Sunkote	Sunanda Speciality Coatings Pvt,Ltd
		KCPL	Kunal ConchemPvt. Ltd.,
3	Chemical water proofing system	BASF	BASF India Ltd.,
		MC-Bauchemie	MS-Bauchemie India Ltd.,
		Sika	Sika India
		Sunanda speciality coating	Sunanda speciality coating Pvt Ltd.
		Perma construction Aid	Perma construction Aid Pvt Ltd,
		Fosroc	Fosroc India
		Dr.Fixit	PidiliteIndustires
		Ferrous Crete	Ferrous Crete (India) Pvt. Ltd.
		Smart Care	Asian Paints
		Latexshield 2K/Tankshield PW	Berger Paints
		KCPL	Kunal ConchemPvt. Ltd.,
4	Water stops	Hydrotite	Sika India

I - Nil O - Nil C - Nil

		BASF	BASF India Ltd.,
		Dr.Fixit	PidiliteIndustires
		Hydroswell	Sika India
		Ardex Endura	Ardex Endura ltd
		Ferrous Crete	Ferrous Crete (India) Pvt. Ltd.
		Smart Care	Asian Paints
5	Atactic Polypropylene (APP) Modified Water proof Membrane	STP	Shalimar Tar Products
		Ferrous Crete	Ferrous Crete (India) Pvt. Ltd.
		Bitumat Co. Ltd,	Bitumat Co. Ltd,
		Pidilite	PidiliteIndustries Ltd,
		Ardex Endura	Ardex Endura
		Hydrotech Ltd.	Hydro tech Ltd
		Smart Care	Asian Paints
		Proshield	Berger Paints
		IWL India Limited	IWL India Limited
6	EPDM Water Proofing Membrane	Smart Care	Asian Paints
		Ferrous Crete	Ferrous Crete (India) Pvt. Ltd.
		Pidilite	Pidilite Industries
		STP	Shalimar Tar Products
		Fosroc	Fosroc India
SUB HEAD No.25			
ALUMINIUM COMPOSITE PANELS			
1	Aluminium composite panels	Alucobond	3A Composites India Pvt.Ltd.
		Eurobond	M/S Euro panel products Pvt. Ltd.
		Aludecor	M/S Aludecor Lamination Pvt. Ltd.
		Reynobond	Reynobond
		Alpolic	Alpolic
		Alstrong	Alstrong
		Hynadecor	Hynadecor AC Panels, Delhi
		Alstone	Alstone, New Delhi
		Eurobond	Eurobond Pvt.Ltd.,Delhi
2	Structural Glazing	Modi,	Modi Guard
		Saint Gobain	Saint Gobain Glass India Ltd.,
		Glaverbel	Glaverbel India
		Asahi,	Asahi India glass Ltd,
3	Spider Patch Fittings for Structural Glazzing	Dorma,	Dormakaba India Pvt. Ltd
		Sevax	Saint Gobain Glass India Ltd.,

I - Nil O - Nil C - Nil

		Kich	Kich India
		Ozone	Ozone Ltd
		Hafele	Hafele Ltd
MISELLANEOUS ITEMS			
1	PVC Perforated Pipes	Rex Polyextrusion	Rex Polyextrusion Ltd,
		Akash Enterprises	Akash Enterprises
		Zenplas Pipes	Zenplas Pipes Pvt. Ltd.,
		Supreme	Supreme Industries
2	Play Equipements	Koochi Play	Koochie Play Systems Pvt.Ltd
		Playworld Systems	Playworld Systems India
3	Structural Sealant	Dow corning	Dow corning India
		Wacker	Wacker Silicones.
		GE	GE Silicones
		Fosroc	Fosroc India
		BASF	BASF India Ltd.,
		STP Ltd.	Shalimar Tar Products
		Asian paints	Smart Care Sealant
4	Poly-sulphide sealant	Dr.Fixit	PidiliteIndustries Ltd,
		Chemetall-Raj	BASF India Ltd.,
		Fosroc	Fosroc India
		Techseal	Choksey Chemical Pvt. Ltd,
		Tuff seal	Bondit construction Chemical
		Ferrous Crete	Ferrous Crete (India) Pvt. Ltd.
		MYK Schomburg	MYK Arments range of products
		Pidilite	PidiliteIndusteries
		STP Ltd.	Shalimar Tar Products
		Smart Care	Asian Paints
5	Bitumen Impregnated Board	Shalitex	STP Limited
6	Polyethylene backer rod	Supreme	Supreme Industries
7	Epoxy	CICO Poxy	CICO Technologies Ltd.,
		Fosroc	Fosroc India
		Shalibons	STP Limited
		Ardex	ArdexEndura (India) Pvt. Ltd,.
		Ferrous Crete	Ferrous Crete (India) Pvt. Ltd.
		Asian paints	Asian Paints
8	Weather / Structural	Dow corning	Dow corning India

I - Nil O - Nil C - Nil

	Silicon sealent	Momentive (GE)	GE Silicones
9	GRC Jali	Terrafirma	Terrafirma GRC Industries
		Ecovision	Ecovision Industries Pvt Ltd
		Mahesh GRC	Mahesh Prefab Pvt Ltd
10	Air Transfer grills	Cool grills	Cool grills , pune
		Systemair India	Systemair India Pvt Ltd
11	Ply wood for concrete shuttering work	Balajee ply	Balajee ply product Pvt Ltd
12	Grass Paver	Unistone	Unistone
		Ultra	Ultra Ltd
13	Puff Insulations	Smart Care	Asian Paints
		Llyod Insulation	Llyod Insulation (India) Ltd
		Fosroc	Fosroc India
		BASF	BASF
		Pidilite	Pidilite Industries Ltd
		Supreme	Supreme Ltd
14	Wood Polymer Composite materials for door frames and shutters, plain/pre laminated boards for wall linings etc	Alstone	Alstone Industries Pvt Ltd,Delhi&Jaipur
		Ecoste	Ecoste Wood Polymer Composite, Delhi
		Magma	M/s SMP Impex Bangalore
		Echon	Kumar Arch Tech Pvt Ltd, Rajastan
		Rajasree	Rajeswari Products Pvt Ltd M P
		Qute	Qute Extrusions Pvt Ltd Chennai
		Prominance	Prominance Window Systems
15	Bamboo wood Flooring and wall Paneling	Epitome Bamboowood Products	Mutha Industries
		Floor India	Flooring India Company, Panipat Haryana
		Ecorgreen flooring	Jupiter Traders, Banglore.
16	Organic microbes for OWC	Prapt Organics	Parapat Organics
		Mygreen Bin	Mygreen Bin
		Shara Eco Products	Shara Eco Products

Annexure-II
As on 02.12.2020

List of Approved Electrical materials

NOTE: Not withstanding to the approval given in the list, the field staff are requested to obs
the following conditions

1 Equivalent material and finishes of any other make may be used on written request o
contractor, in case of unavoidable circumstances and also if it is established that mini
three brands are not specified below or three brands out of all brands specified below
not available in the market, after written approval of the alternate brand by the NIT
approving authority. This substitution shall be subject to cost adjustment in case the
substituting brand is available at cheaper rates in market than those mentioned herein
above. There shall be no cost adjustement if the substituting brand is costlier in mark
than those mentioned herein.

2 In addition, the brands approved as hereunder, should have valid and active BIS certi
as on the date of supply for the work.

3 Material shall conform to make in India policy of Government of India as on the date
supply for the work.

4 Other brands not included in the list below but having BIS certificate on the date of
supply for the work shall only be allowed against note (1) above.

5 In case of non availability of BIS codes for any of the materials incorporated above, t
Engineer-in-charge shall send the materials for testing as per the relevant ASTM or E

codes and satisfy himself before using the same in work.

Internal Electrical Installations

Sl.No	Name of Product	Manufacture By
1	PVC insulated copper conductor FRLS copper ISI marked.	Anchor/Finolex/Havells/RR Kabel/Asmon/Mescab/L&T/KEI/Power flex/Superlite/Polycab/Q-flx/Goldmedal/Orbit/Laser Cables.
2	MCB/ DB's	Legrand/Siemens/Schneider/ABB/GE./Hager/Eaten/L &T/Panasonic by Anchor/Asmon/Havells/BCH/C&S/Indo Asian/Gold Medal/Great White.
3	DB/ELCB/RCCb & Accessories	Legrand Ekinox3/Schneider ACTI9/Siemens Betagard/Myrius/Crabtree/Panasonic/Havells/Eaton/A BB/GE/Hager/L&T/Asmon/Panasonic by Anchor/Asmon.
4	UTP Cable	Legrand/Molex/Finolex/Commscope/Panduit-Pannet/Havells /Batra / Henlay
5	OFC Cable	Finolex/Sterlite Tech /Commscope/ Corning/ Panduit/ Siemen
6	XLPE UG Aluminium /Copper LT Cable	CCI/Gloster/Havell/Universal/Finolex/Torrent/KEI/RPG Cables/RR Kable/Henlay/Polycab/Gold Medal/Orbit/Laser Cables/great White/ Q-Flx/Waina/Lappakable/Anchor Panasonic/Batra.
7	Cable glands	Jainsons/Cornet/Dowells/Prabath/polycab/Peeco/Gripwel/R aychem/grandlay.
8	Cable Lugs	Jainsons/Comet/Dowells/Prabath/Polycab/Peeco/Gripwel/R aychem/Grandlay/multi/Capital/Schneider Electric.
9	DWC Pipe	Gemini/Rex/Duraline
10	PVC Conduit (ISI Marked) (Colour-Ivory/Grey)	Avonplast/AKG/Precision/Modi/Anchor/Vasavi/ Emjay/Javeri)/D.E.C Infrastructure & Project/ Polycab/Finolex/BEC/Konseal/Asian/Nihar/Anchor penosonic.
11	GI Pipe	Jindal/ TATA/ Zenith Birla/ SAIL.
12	Telephone/ Cat 6 Cable	Legrand/ Delton/ AMP/ Havells/ Superlite/ Q-Flx/Orbit/Laser Cables/ Great White.
13	Modular Switches & Sockets, Fan Regulator, RJ-45 Data Socket for CMS applications.	Legrand-Myrius/ Crabtree-Althena/MK-LogicPlus/Honeywell BenzPlus/Anchor (RomaPlus)/Schneider (Livia)/Savic/Havells(ORO)/Lisha/Polycab/Indo Asian/C&S/Gold Medal/ Great White/Zencilo & Panasonic.

I - Nil O - Nil C - Nil

14	Modular type switches/ GI Boxes/ Sockets T.V/Telephone/LAN socket Outlet etc for Normal application.	Legrand-Myrius-Arteror/Schneieder-Opale-Livia/MK-Elements/Crabtree/ Panasonic/ Havells (ORO)/ MK-Logic Plus/ Honeywell (Benz Plus)/Anchor/ (Roma Plus)/Savic/Crab tree-Athena/Lisha/Polycab/Indo Asian/C&S/Gold Medal/Great White/Zencilo & Panasonic.
15	AC Ceiling Fans (Star rated/1200mm/1400mm)	Crompton/Orient/Havells/Bajaj/Anchor Panasonic/Polycab.
16	BLDC Fans (Ceiling Fans/Wall Fans/Pedestal Fans/Exhaust Fans)	ATOMBERG-Efficio.
17	Exhaust Fans	Crompton/Orient/Havells/Almonard/Bajaj/Anchor Panasonic/Polycab.
18	All LED Fittings (Indoor/Outdoor Light Fittings)	Crompton/Bajaj/Halonix/Philips/Surya/Jaquar/Wipro/Havells/Corvi/Syska/Panasonic/Eveready/Lighting Technologies/Litaski/polycab/Elenserve/Banbury/K-Lite/Gold Medal/Venture Lightings/Great White/Luker/Bega/Disano.
19	Electrical LT Panel Boards/Feeder pillars/Meter Boards/Control & Relay Panels.	Tricolite Electric Industries (Pvt.) ltd./Advance Panel and Switchgears Pvt.Ltd/Adlec Mundka/Neptune/Power Control Equipments/Load Controls/Amararaja/Leela Electric and Manufacturer having in-house 7 tank process,powder coating facility,CNC Machine having CPRI approved for relevant bus bar rating.(The decision of the Engineer-in-charge will be final and binding.)
20	Changeover Switches,SDFU	L&T/ABB/Schneider/C&S/Legrand/Havells/Indo Asian/GE/Socomee/Siemens/hager/Anchor.
21	Moulded Case Circuit Breaker/Motor protection circuit breaker Electric	Siemens/ABB/L&T/C&S/Schneider/Legrand/GE/Hager/Havells/BCH/Indo Asian/Eaton.
22	Phenolic laminated sheet.	3 mm thick with ISI mark
23	Ammeter/Voltmeter/Combined Meters	AE/Mecon/Schneider/L&T/HPL/C&S/Conserve/Kaycee/Crompton Greaves/Seomee (Diris).
24	Analogue Panel meters	AE/Mecon/Schneider/L&T/HPL/C&S/Conserve/Kaycee.
25	TV Coxial Cable	Havell's/Finolex/Anchor/DELTON/RR KABEL/Superlite.
26	Cable trays (Hot Dip Galvanised)	RMCON/Profab/Indiana/MBM/Legrand/BEC.
27	Fire Extinguisher (With ISI mark)	CeaseFire/Safex/Minimax/Agni/Usha Fire Safety/Padmini.
28	MS Conduits(ISI Marked)	AKG/BEC/Gupta/RMCON/Javeri/Jindal/TATA/Zenith Birla/NIC/Steel Kraft.

I - Nil O - Nil C - Nil

29	Connector/Terminal block	Wago/Elemac/Phoenix/Essen/Connectwel.
30	CAT 5/6 Cables & Wires	Amp/Legrand/Molex/Digilink/Belkin/Belden/KEI/Krone/Systemax.
31	PVC Battern/Angle Holder	Anchor/Salzer/Havells/Emporer/K555.
32	Rising main,End Feed Unit,Tap Off Box	C&S/Legrand/Schneider/Siemens/L&T/ABB-Megaduct (If Air Insulated)/Godraj (S.M.A.R.T.)Zucchini.
33	Wall Bracket- fancy and decorative wall bracket	Havells/Wipro/Philips/Crompton.
34	ACB 415V,400 A-2000A	Havells/ABB/Siemens/L&T/Schneider/Legrand/Anchor/Hager/GE/Crompton/Indo Asian/Eaton.
35	DLP Trunking	Legrand/OBO Betterman/Schneider/MK
36	Floor Trunking/Raceway (GI)	Honeywell MK/OBO Betterman/Legrand/Profab
37	Selector Switch	BCH/Rishabh/Conserv/Kayee/AE/Crompton greaves.
38	Multifunction Meter/Load Managers	Schneider/Siemens/Legrand/Secure/Socomec (Diris)
39	Capacitor and Harmonic Block Reactor Thyristor Module	L&T/ Schneider/Neptune/Siemens/Legrand.
40	APFC Relay (Microprocessor based)	Schneider/ L&T/ Neptune/Siemens/Legrand.
41	Automatic transfer switch (4P,100A,Std,Automatic)	Havells/ABB/ Siemens/ L&T/ Schneider/Legrand/Anchor/Hager.
42	Architectural Lighting Poles & Decorative Brackets (Street Light Poles)	K-Lite.
43	Water Supply pumpsets	Karvel/Lubi/Deccan.
44	Liquid & Gas Flow Level Meters	Magnum/Presevi.

Note: Modular Switch/Bell Push/Socket /Fan regulator shall be of same make For items where preferred makes are not specified the decision of the Engineer-in-charge will be final and binding.

I - Nil O - Nil C - Nil

Providing Fire Alarm System		
All the components of the entire FA system shall be preferably from a single manufacturer only.		
S.No	Name of the Product	Manufactured by
1	Addressable Multi sensor smoke Detectors/Heat detector	NOTIFIER/BOSCH/SYSTEM SENSOR BY HONEY WELL/SIEMENS/GE-SECURITY (EDWARD)/RAVEL/MIRCOM.
2	Addressable Manual pull box	
3	Networkable Intelligent Analog Addressable Main Fire Alarm Control Panel with Battery Backup	
4	Addressable Control Module,isolator module,monitor module	
5	Hooters,Strobe,Speaker,telephone jack,telephone receiver	
6	Digital Amplifier /Emergency voice evacuation system	
7	Response Indicator	Agni/Edward/Ravel/Bosch/Notifier/Siemens
All component serial no.1 to 6 shall be UL listed without fail.If any product above is not having UL listing,the same shall not be used.		
PA System		
S.No	Name of the Product	Manufactured by
1	Cat-6 Cable, Wires	Amp/Krone/Legrand/Panduit/Systemax/Molex/Finolex/Commscope/Siemen/Walna/Lappkabel/Anchor-Panasonic/Havells/Batra Henlay / Belkin/ Belden/ KEI/ Digilink.
2	Speaker & accessories	Ateis/Audiotrak/Bosch/Philips/Honeywell/TOA/JBL
3	Voice evacuation system	Edwards/Notifier/Tyco/Bosch/Notifier/Siemen/ Schneider/Mircom
4	Twisted pair shielded Cu conductor	Finolex/Fusion Polymers/Polycab/RR kabel/ Havells/ Avocab / Lapp
5	Metallic/GI Conduit (ISI approved)	AKG/BEC/NIC/Steel Kraft/VIMCO / Gupta/ RMCON/ Javeri

I - Nil O - Nil C - Nil

6	Accessories for Metalic/GI Conduit (ISI approved)	AKG/BEC/NIC/Steel Kraft//VIMCO / Jindal/Tata/Zenith Birla
7	Talk back system	Royal electronics /Agni/ Tyco/Legrand /BOSCH/ Notifier/ Siemens/Edward/Schiender/MIRCOM
8	TTA Panel conforming to IS 61439 Design	BOSCH/Notifier/Siemen/Edward/Schenider
9	Any other item.	As per approval of Engineer-in-charge.

NOTE: Equivalent material and finishes of any other specialized make may be used, in case it is established that the brands specified above are not available in the market but only after approval of the alternate brand by the Competent Authority/ NIT Approving authority.

WET RISER SYSTEMS		
S.No	Name of the Product	Manufactured by
1	PUMPS	KIRLOSKAR/ Grundfoss/MATHER & PLATT
2	MS/GI PIPES WITH ISI mark.	JINDAL/TATA/Zenith Birla.
3	BUTTERFLY VALUE	AUDCO/INTER VALVE/NORMEX/Honeywell.
4	NRV (Ball Valve)/ Y strainer.	NORMEX/ Audco/ Intervalve/Honeywell
5	First aid hose reel with ISI mark.	PADMINI/Minimax/Newage/Omex.
6	First aid hose reel with ISI mark with hose reel drum.	NEW AGE/ SAFEX/EVERSAFE/ OMOX/ PADMINI.
7	CANVAS HOSE ISI marked.	NEW AGE/ arihant/ winco/ padmini.
8	DOUBLE/ SINGLE HYDRANT VALVE/ branch pipe all with ISI mark.	NEW AGE/ EVERSAFE/ WINCO/ ARIHANT/ KARTAR/ PADMINI.
9	SLUICE VALVE WITH ISI mark.	KALPANA/UPADHYAYA/KIRLOSKAR.

I - Nil O - Nil C - Nil

All item 1 to 6 except 5 shall be UL listed and UL marked. Any other accessories not specified shall be UL listed and UL marked only.

Approved makes for Solar Water Heater

S. No	Name of the Product	Manufactured by
1	uPVC pipe.	Ashirwad/ Finolex/Surya/Jindal/Apollo.
2	GI Pipe.	Tata/Zenith Birla/ Jindal.
3	Steel Sheet.	Tata/Sail/Jindal.
4	Solar Water Heater.	Bosch/ Havells/KCP solar/Honeywell/ Racold/ Emmvee/ Kotak Urja/ Jain Inigation/ Siemens/ Sudarshan.
5	Mineral wool.	Rockwool/Twiga.
6	Nitrile Rubber.	Kflex/ Armafex/Acroflex.

LIST OF APPROVED MAKES FOR HVAC WORKS

Technical Specifications for split type Air Conditioners

1	Air conditioners shall be procured and installed through Dealers authorized by OEM.
2	Unarmoured cables shall be for connections between outdoor and indoor units shall be one of these makes given in IEI package only.
3	Compressors provided shall have minimum five year warranty.
4	Air conditioning units shall have rating as per BOQ.
5	Condensers shall have copper coils.
6	Refrigerant used shall be R410a.

S. No	Description of Item	Approved make
1	Air conditioner.	Carriier/LG/Samsung/Voltas/Daikin/Hitachi/ Blue/Star/O-General.
2	Air/ Water Cooled Chiller.	Voltas/ Kirloskar.
3	HVAC Calibration.	Magnum/ Presevi.

LIST OF APPROVED MAKES FOR SUB-STATION WORKS

S. No	DESCRIPTION OF ITEM	APPROVED MAKE

I - Nil O - Nil C - Nil

1	Transformer (Oil Type/ Dry Type)	Crompton Greaves/ Kirloskar/ ABB/ AREVA/ Prolec GE/ ALSTHOM/ SIEMENS/ BHEL/ Wilson/ Schneider/ Voltamp.
1 (a)	Packaged Substation/ Unitised Substation	Crompton Greaves/ Amararaja/ ABB/ Voltamp.
2	H.T.Cables	CCI/ UNISTAR/ Gloster/ Finolex/ Havells/ KEI/ RPG/ Anchor.
3	H.T.Cables jointing Kits	Rayhem/ 3M/CCI-Xicon/ Denson/ M-seal.
4	Selector Switches for LT Panels	Kayee/ BCH/ L&T Saizer/ Siemens/ Schneider Electric.
5	Contractors for APFC panels.	Siemens/ ABB/ L&T/GE/C&S/Schneider Electric/ Legrand.
6	Electronic Load Manager	HPL/ AE/Schnider/ Mecon/ L&T/ Conzerv.
7	Indicating Lamps (LED Type).	Siemens/ Teknic/ L&T/ BCH/ C&S/ ABB/ Schneider/ JAI BALAJI/ VAISHNO.
8	Push Buttons.	Siemens/ Teknic/ L&T/ BCH/ C&S/ ABB/ Schneider/ JAI BALAJI/ VAISHNO.
9	M.V.Power Capacitors	L&T Heavy Duty Box Type// Siemens Epcos V (AC) 3PH.50HZ/ Neptune Model LLM/ Schneider Varplus Energy (MDXL) 440V Range- Box Type.
10	APFC Relay	Siemens/ EPCOS/ L&T/ GE/ ABB/ Schneider/ NEPTUNE/ Havells.
11	Current Transformers for LT Panels.	Kappa/AE/BCH/L&T/ABB/ Siemens/ GE/ MECO/ Schneider/ IMP/ PERFECT ELECTRICALS.
12	Relays	SEGC/Crompton/Siemens/GE/ABB/Schneider/L&T.
13	Fire extinguishers	Minimax/Safex/Ceasefire/Agni/Usha Fire Safety/ Padmini.
14	Sub Station Fire accessories.	ISI marked (Wherever available) (Note: Where no ISI mark is available, the decision of the Engineer-in-charge shall be binding and final on the contractor)
15	First Aid Box	As approved by the State Fire Services Department.
16	MS Channel iron/ GI Pipes	SAIL/ Jindal/ Tata/ Zenith.
17	LV Glands & Lugs.	Jainsons/ Comet/ dowells.
18	Sandwich type bus trunking	Legrand/ L&T/ Schneider/ C&S.
19	HT Panel.	ABB/ Siemens/ Schneider/ System Control/ Kirloskar/ BK Power.

I - Nil O - Nil C - Nil

20	Electric insulation mat with ISI mark.	Dozz/ Padmini/ Raychem/ Jyoti Rubber Udyog.

Note: In case make of any equipment or material is not specified in the NIT, the decision of the Engineer-in-Charge in this regard will be final.

ANNEXURE-A
LIST OF APPROVED MAKE OF MATERIALS FOR USE

a) Approved makes **as approved by SDG (PR) vide Lr. No. 32/2/2019-NP/SDG(PR)/1046-56(H) dated 13.03.2020 (List under Annexure B) & Lr.No: - 31/03/2020-Works/Spl.DG(PRC)1055-56 dated:19.04.2021.**

b) Approved makes **as approved by CE (CZ) vide Lr. No. 32/04/2019/CE Chennai/3868-75(H) dated 02.12.2020 (List under Annexure II).**

c) **Materials shall satisfy the revised preference to make in India order issued vide Order No. P45021/2/2017-PP (BE-II) dated 04.06.2020 of the Ministry of Commerce and Industry, Government of India.**

Note: In case make of any equipment or material is not specified in the NIT, the decision of the Engineer-in-Charge in this regard will be final.

I - Nil O - Nil C - Nil

AE/CCSD3/II

Schedule of Quantity
NIT No: 62/AE-3/II/C2D/2026-27/Chennai

Name of Work: C/O Semi-Permanent Rooms in The Second Floor of the Ladies Hostel at NIS Campus, Chennai.SH: Providing Aluminium Partitions and various repair works at different locations in NIS Campus, Tambaram, Chennai -47

Sl. No.	Description	Quantity	Unit	Rate	Amount
1	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor, etc., up to floor five level, excluding the cost of centering, shuttering and finishing :				
1.1	1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	4.50	Cum	11264.79	50692
2	Centering and shuttering including strutting, propping etc. and removal of form for :				
2.1	Lintels, beams, plinth beams, girders, bressumers and cantilevers	32.00	Sqm	838.33	26827
3	15 mm cement plaster on rough side of single or half brick wall of mix :				
3.1	1:4 (1 cement: 4 coarse sand)	345.00	Sqm	468.74	161715
4	12 mm thick plain cement mortar bands in cement mortar 1:4 (1 cement: 4 fine sand) :				
4.1	Raised Band	3145.00	Cm per metre	10.64	33463
5	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.	40.00	Per 50 kg bag of cement used in the mix	25.16	1006

I - Nil O - Nil C - Nil

6	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade				
6.1	New work (two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90litre /10 sqm	345.00	sqm	194.78	67199
7	Providing and Fixing 4mm thick Fire rated ,Corrosion resistance PVDF coated and Stain resistant Aluminium Composite Panel sheet of approved shade, pattern and of approved make. The ACP sheet is to be fixed on grid of Aluminium hollow tube or angle frame by ancored screws and double tape of approved quality including sealing the joints if any. The cost is inclusive of cutting, bending and fixing of ACP sheets etc. at all heights complete as per direction of Engineer-in-charge.(Aluminium sections frame to be paid separately).	16.00	sqm	2583.50	41336
8	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	345.00	sqm	62.21	21462
9	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	7.00	cum	300.48	2103
10	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
10.1	Fixed to openings /wooden frames with rawl plugs screws etc.	58.00	Kg	271.34	15738

I - Nil O - Nil C - Nil

11	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size,approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.				
11.1	Granite stone slab colour black, Cherry/Ruby red				
11.1.1	Area of slab over 0.50 sqm	4.00	Sqm	5847.22	23389
12	Painting road surface marking with adequate nos of coats to give uniform finish with ready mixed road marking paint conforming to IS : 164, on bituminous surface in white/yellow shade, including cleaning the surface of all dirt, scales, oil, grease and foreign material etc. complete.				
12.1	New work (Two or more coats).	10.00	Sqm	328.89	3289
13	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
13.1	For fixed portion				

I - Nil O - Nil C - Nil

13.1.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	92.00	Kg	604.38	55603
14	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
14.1	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately).				
14.1.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	50.00	Kg	722.26	36113
15	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				
15.1	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	9.00	Sqm	1713.59	15422

I - Nil O - Nil C - Nil

16	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg., for doors, including cost of cutting floors ,embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.				
16.1	With stainless steel cover plate minimum 1.25 mm thickness.	2.00	No.	3214.70	6429
	Total				**561786.00**

Note: Rate inclusive of Applicable rate of GST @ 18% and no claim shall be entertained on account of GST

Signature of Contractor **Assistant Engineer**

I - Nil O - Nil C - Nil

N.I.T. No:62/AE-3/II/C2D/2026-27/Chennai

Name of work: C/O Semi-Permanent Rooms in The Second Floor of the Ladies Hostel at NIS Campus, Chennai.SH: Providing Aluminium Partitions and various repair works at different locations in NIS Campus, Tambaram, Chennai -47

SCHEDULE OF QUANTITY

Name of the Contractor					
Sl.No.	**Name of component**	**Estimated cost (Rs)**	**Percentage above or below the estimated cost**	**% in Figures**	**Total Cost (Rs)**
1	2	3	4	5	6
1	**C/O Semi-Permanent Rooms in The Second Floor of the Ladies Hostel at NIS Campus, Chennai.SH: Providing Aluminium Partitions and various repair works at different locations in NIS Campus, Tambaram, Chennai -47**	5,61,786/-			
	Grand Total	5,61,786/-			

Note: Rate inclusive of Applicable rate of GST @ 18% and no claim shall be entertained on account of GST

1. The Column Nos 4&5 are mandatory to be filled by the bidders/ tenderers. If all these columns are left blank, the tender be come invalid.

2. The amount in figures in column No.6 shall appear automatically corresponding to the percentage quoted in column No.4 & 5.

4. The percentage shall be written in 2 (two) place of decimal.

I - Nil O - Nil C - Nil

AE/CCSD3/II

5. If the percentage selection in column No 4 is " At Par", by default the percentage will be considered as " Zero" only. In other words if "At par" is selected in column No.4, then no need to fill column No.5

6. The rate for the payment of each item will be - measured quantity x estimated cost of that particular item x tender percentage corresponding package respectively.

Signature of Contractor

Assistant Engineer,
AE-3/II, CPWD, Chennai-47

I - Nil O - Nil C - Nil

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