

भारत सरकार
GOVERNMENT OF INDIA
केंद्रीय लोक निर्माण विभाग
CENTRAL PUBLIC WORKS DEPARTMENT

निविदा आमंत्रण सूचना
NOTICE INVITING TENDER (NIT)

सूचकांक/INDEX

Name of Work: Laying of paver block and drain slabs behind Type V quarters of Special Bureau Campus, Kathrikadavu, Kochi

S. No.	Particulars	Pages
1.	भाग 'क' /PART-A INFORMATIONS AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING, FORM 'C', 'F' & 'G', CPWD-6 AND 7, SCHEDULE A TO F FOR – CIVIL WORKS	2 to 22
2.	भाग 'ख' /PART – B : <u>MAJOR COMPONENT (CIVIL)</u> SPECIAL CONDITIONS FOR CIVIL WORKS, SPECIAL CONDITIONS FOR CEMENT AND STEEL, LIST OF APPROVED MAKE OF MATERIALS GUIDELINES FOR CONSTRUCTION SITES FOR COVID-19 OUTBREAK	23 to 47
3.	भाग 'घ' /PART- C SCHEDULE OF QUANTITIES AND FINANCIAL QUOTE SHEET	48 to 50

It is certified that this document contains Three parts i.e Part A, Part B and Part C containing Page Nos 1 to 50

Assistant Engineer – III
CPWD, Cochin

Correction -NIL

Insertion – NIL

Deletion = NIL

AE - III.....

PART -A

INFORMATIONS AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING

CPWD-6

CPWD 7

SCHEDULE A TO F FOR CIVIL WORKS

INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING FORMING PART OF BID DOCUMENT

The Assistant Engineer III – Cochin, CPWD, Ground Floor, 'C' Block, Kendriya Bhavan, Kakkanad, Kochi - 682 037 on behalf of the President of India invites online percentage rate bids from approved and eligible contractors of CPWD under Building & Roads category of Class V & above as per **OM No. DG/Enlist. Rules – 2026/Misc./01 dated 31-12-2025** for the following work:

S.No.	NIT No.	Name of work & Location	Estimated cost put to Bid	Earnest Money	Stipulated Period of Completion of work	Last date & time of submission of bid, copy of receipt for deposition of original EMD and other document as specified in the NIT	Time & date of opening of Bid
1	2	3	4	5	6	7	8
1	23/2026-27/CHCD/COCHIN/III	Laying of paver block and drain slabs behind Type V quarters of Special Bureau Campus, Kathrikadavu, Kochi	Rs. 1,90,193/-	Rs. 3804/-	02 Months	31-07-2026 up to 16.00Hrs	31-07-2026 At 16.30Hrs

1. The intending bidder must read the terms and conditions of **CPWD-6** carefully. He should submit his bid only 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 document.
3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website **<https://etender.cpwd.gov.in>** or **www.cpwd.gov.in** free of cost.
4. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand draft or Bankers Cheque or Fixed Deposit Receipts or /and Bank Guarantee (For balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified.
5. Those contractors who are not registered or have not updated their profile on the website mentioned above, are required to get registered/update their profile beforehand. The necessary training materials

Correction -NIL

Insertion – NIL

AE - III.....

Deletion = NIL

including the videos with step to step process are available on download section of <https://etender.cpwd.gov.in>

6. The intending bidder must have valid Class-III digital signature certificate with encryption key (combo type) to perform any operations/transactions on the e-tendering portal/website and the bidder should download and install the eMSigner on their system as per instructions available on download section of <https://etender.cpwd.gov.in>.
7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of **JPG** format and **PDF** format.
9. Contractors must ensure to quote rate in the prescribed column (s) meant for quoting rate in figures that appears in yellow colour and the moment rate is entered, it turns sky blue.

In addition to this, while selecting any of the cells a warning appears that if any cell is left blank, the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (Zero).

However, If a tenderer does not quote any percentage above/below on the total amount of the tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

10. GST or any other tax applicable in respect of inputs procured by the contractor for the contract shall be payable by the contractor and Government will not entertain any claim whatsoever in respect of the same. However, component of GST at time of supply of service (as provided in CGST ACT 2017) provided by the contract shall be varied if different from that applicable on the last date of receipt of tender including extension if any.
11. The tenderer must associate with himself, agencies of the appropriate eligibility to tender for each of specialized nature of items / work listed below individually. Such works shall be got executed only through associated agencies specialized in these fields. The tenderer whose tender is accepted shall indicate the name(s) of his associated specialized agencies those fulfilling the eligibility criteria laid down below after award of work and at least 30 days before commencement of such items / work for the approval of the Engineer-in-Charge of that component, whose decision shall be final and binding. If the tenderer, himself fulfills the eligibility criteria laid down below for associated specialized agencies, then the tenderer shall not require to associate with himself the associated specialized agency.
12. All tendered rates shall be inclusive of any tax, levy or cess applicable on last stipulated date of receipt of tender including extension if any.
13. Not with standing anything written elsewhere, the following documents are also part of this NIT / agreement even though not attached in NIT / agreement.
 - i. General Conditions of Contract 2023 for Maintenance works for Central PWD works as modified & corrected upto previous day of the last date of submission of the tender.
 - ii. CPWD Specification 2019 Volume I & II as modified & corrected upto previous day of the last date of submission of the tender.

- iii. Relevant IS codes / BIS publications as modified & corrected upto previous day of the last date of submission of the tender.

These documents and their amendments are available as standard publications and available on CPWD website and in the Market/BIS outlets as price publication.

List of Mandatory Documents to be scanned and uploaded within the period of bid submission:

- i. Account Payee Account Payee Demand draft/Insurance Surety Bonds/Fixed Deposit Receipt/ Banker's Cheque or Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank against EMD as prescribed.
- ii. Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD (including NIT issuing EE).The EMD receiving Executive Engineer (including NIT issuing EE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format, up loaded by tender inviting EE in the NIT **(Form 'C' at Page No. 6)**
- iii. Enlistment Order of the Contractor.
- iv. Copy of ERP Training Certificate issued through LMS(Learning Management System) module in ERP
- v. Under taking for site inspection (intending bidder must upload undertaking that they have inspected and examine the site and its surrounding before submitting their bids. **(at Page No. 7)**
- vi. Undertaking on structural stability and soundness of already completed buildings and infrastructure projects. **(Form F at Page No. 8)**
- vii. **GST registration certificate as applicable, if already obtained by the bidder.**

If the bidder has not obtained GST registration as applicable, then he shall scan and upload **(Form "G" at Page No. 9).**

If any mandatory document listed above is not scanned and uploaded while submitting bid, the bid submitted shall become invalid and will not be considered in e-Tendering process and the bid shall be summarily rejected. It is the duty of bidder to ensure that documents shall be fully legible.

Assistant Engineer III - Cochin

CPWD, Cochin

RECEIPT OF DEPOSITION OF ORIGINAL EMD (FORM "C")

(Receipt No. / date.....)

1. **Name of Work: Laying of paver block and drain slabs behind Type V quarters of Special Bureau Campus, Kathrikadavu, Kochi.**
 2. NIT No. : **23/2026-27/CHCD/COCHIN/III**
 3. Estimated Cost: **Rs. 1,90,193/-**
 4. Amount of Earnest Money Deposit: **Rs. 3804/-**
 5. Last date & Time of submission of Bid: **31-07-2026, 16:00 Hrs**
 1. Name of Contractor:
 2. Form of EMD :
 3. Amount of Earnest Money Deposit:
 4. Date of submission of EMD:
- # To be filled by EMD receiving EE.**

.....
 Signature, Name and Designation of EMD
 Receiving officer (EE/AAO/AE) along with Officer Stamp

Note:-

- (i) The EE/Engineer in Charge/DDH of any divisions/projects of CPWD or any other office designated by CPWD Directorate from time to time, are authorized to receive the EMDs. These authorities should receive the original EMD for their tenders or tenders of any other division/projects.
- (ii) The NIT approving authority/ Tender inviting authority at the time of issue of NIT also fills and upload the prescribed format of receipt of deposition of original EMD along with NIT.
- (iii) The Authority receiving EMD in original form examines the EMD deposited by the bidder and issues receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting authority. The receipt can also be issued by any subordinate gazette authority as authorized by the EE/Engineer in Charge/DDH.
- (iv) The authority receiving original EMD also intimates tender inviting authority about deposition of EMD by the agency by email/fax/telephonically.
- (v) The original EMD receiving authority releases the EMD to unsuccessful bidders after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier, after verification from the e- tendering portal website (<https://etender.cpwd.gov.in> > closed Tender > all) that the particular contractor is not L-1 tenderer and work is awarded.
- (vi) The tender inviting authority calls for original EMD of the L1 tenderer from EMD receiving authority immediately.

DECLARATION ABOUT SITE INSPECTION

To,
**The Assistant Engineer III
Cochin Central Sub Division,
Central PWD
Cochin,**

Sub: **NIT No.: 23/2026-27/CHCD/COCHIN/III** for the work: Laying of paver block and drain slabs behind Type V quarters of Special Bureau Campus, Kathrikadavu, Kochi

Dear Sir,

It is hereby declared that as per **CPWD-6 for e-Bidding**, I/ We the bidder inspected and examined the subject site and its surrounding and satisfy myself/ ourselves as to the nature of the ground and sub-soil(so far as is practicable),the forms and nature of the site./ ourselves before submitting the bid, the accommodation which may require and all necessary information as to risks, contingencies and other circumstances which may influence or affect our bid have been obtained. I/We the bidder shall have full knowledge of the site and no extra charge consequent upon any misunderstanding or otherwise shall be claimed in later date.

I /We bidder shall be responsible for arranging and maintaining at own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by me/us implies that I / We have read this notice and all other contract documents and has made myself /ourselves aware of the scope and specifications of the work to be done and local conditions and other factors having a bearing on the execution of the work.

Yours faithfully

(Duly authorized signatory of the bidder)

(On Non – Judicial stamp paper of minimum Rs. 200/-)

Form ‘F’

(Undertaking on structural stability and soundness of already completed buildings and infrastructure projects)

**To,
The Assistant Engineer III,
CPWD, Cochin.**

Sir,

I/we undertake and confirm that any building / infrastructure constructed by our firm /partnership firm/ company has not suffered any failure, making it unfit for intended use, either due to structural design and defects or due to use of sub-standard materials or execution of sub-standard work, poor workmanship or any other reason during the last 25 (twenty five) years.

I/we, further, undertake that if such information comes to the notice of CPWD, then Engineer-in-Charge shall be free to terminate the bid/agreement and to forfeit the entire amount of earnest money deposit, performance guarantee and security deposits.

I/we, also undertake that in addition to above, the Engineer-in-Charge shall be free to debar us forever from tendering in CPWD.

The decision of Engineer-in-Charge or any higher authority shall be final and binding.

Signature of notary with seal

Signature of bidder or an authorized
person of the firm with stamp

**Note: Affidavit to be furnished on a ‘Non-Judicial’ stamp paper of Rs. 200/-
(scanned copy of the notarized affidavit to be uploaded at the time of submission of bid).**

Form 'G'

UNDERTAKING REGARDING GST REGISTRATION

To,

**The Assistant Engineer III - Cochin,
CPWD, Cochin**

Sir,

**Subject:- Laying of paver block and drain slabs behind Type V quarters of Special
Bureau Campus, Kathrikadavu, Kochi.**

Having examined the details given in press notice and bid document for the above work, I/We hereby submit the following.

*“If work is awarded to me, I/We shall obtain GST registration certificate, **as applicable**, 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”.*

Seal of bidder.

Date of submission

Signature(s) of bidder(s)

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

1. Percentage rate bids are invited on behalf of the President of India from approved and eligible contractors of CPWD under Building & Roads category of Class V and above as per **OM No. DG/Enlist. Rules – 2026/Misc./01 dated 31-12-2025** for the following work.

Name of Work: **“Laying of paver block and drain slabs behind Type V quarters of Special Bureau Campus, Kathrikadavu, Kochi”**.

The enlistment of the contractors shall be valid on the last date of submission of bids. In case the last date of submission of Bid is extended, the enlistment should be valid on the original date of submission of Bids.

The work is estimated to cost **Rs. 1,90,193/-**.
This Estimate, however, is given merely as a rough guide.

2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7 which is available as a Govt. of India Publication **and also available on website www.cpwd.gov.in**. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. **The time allowed for carrying out the work will be 02 Months for execution from the date of start as defined in schedule ‘F’ or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.**
4. **The site for the work is at Special Bureau Campus, Kathrikadavu, Kochi**
5. 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 work.
6. 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 except Standard General Conditions of Contract Form can be seen on website **<https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.**
7. After submission of the bid, the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified. While submitting the revised bid, contractor can revise the rate any number of times but before last date and time of submission of bid as notified.
8. Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker’s Cheque or Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (**drawn in favour of Executive Engineer, Cochin Central Division, CPWD, Kochi**) shall be scanned and uploaded to the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

This receipt shall also be uploaded to the e-tendering website by the intending bidder upto 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 commercial bank having validity for 90 days or more after the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

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

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

Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any division office of CPWD and other documents scanned and uploaded are found in order.

The bid submitted shall be opened at 16:30 Hrs on 31-07-2026

9. **The bid submitted shall be come invalid and e-Tender processing fee (if applicable) shall not be refunded if:**
- (i) The bidder is found ineligible.
 - (ii) The Bidder does not deposit original EMD with Division office of any Executive Engineer, CPWD.
 - (iii) The bidder does not upload scanned copies of all the documents stipulated in the bid document. If the documents stipulated in the bid document are not uploaded, then bid will become invalid and shall summarily be rejected.
 - (iv) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of tender opening authority.
 - (v) If a tenderer quotes NIL rates or does not quote any percentage above/below in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
10. The contractor whose bid is accepted will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in Schedule E and within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the commercial banks in accordance with the prescribed form.

In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee.

The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. if applicable and also ensure the compliance of the 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.

11. The Description of the work is as follows:

Laying of paver block and drain slabs behind Type V quarters of Special Bureau Campus, Kathrikadavu, Kochi

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder 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 bidder shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

12. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of condition all rebate is put forth by the bidders shall be summarily ejected.
13. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
14. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
15. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted Officer in CPWD or in the Ministry of Housing & Urban Affairs. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
16. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or

Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found anytime to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

17. **The bids for the work shall remain open for acceptance for a period of 30 (Thirty) days from the due date of opening of Bid.**
- (i) If any tenderer withdraws his tender or makes any modification in the terms and condition of the tender which is not acceptable to the department within 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
 - (ii) If any tenderer withdraws his tender or makes any modification in the terms and conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
 - (iii) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.
18. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
- (a) The Notice Inviting Bid, all the documents including Special conditions, additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading there to.
 - (b) Standard C.P.W.D. Form7 modified and corrected upto previous day of the last date of submission of the tender or other standard CPWD form as applicable.
19. The intending bidders are required to update their profile in CPWD e- tender portal and to upload their bids well in advance of last date of submission of tender. Any issue related to updating profile/ uploading tender can be resolved through the concerned Executive Engineer/ Assistant Engineer (e- mail Id : chcd.cpwd@gov.in) or ERP help line no. 18001803286 or e-mail Id cpwd.support@techmahindra.com. The e- tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest

**Assistant Engineer III – Cochin
CPWD, Cochin.**

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

Percentage Rate Tender & Contract for Works

(A) Tender for the work of:

**Laying of paver block and drain slabs behind Type V quarters of Special Bureau Campus,
Kathrikadavu, Kochi.**

(i) Tender to be uploaded by 16:00 hours on 31-07-2026 at https://etender.cpwd.gov.in

(ii) Tender to be opened in presence of tenderers who may be present at 16:30 hours on 31-07-2026* in the Office of Assistant Engineer III, CPWD, Cochin, Kendriya Bhavan, Kochi – 682037

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 respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

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

I/We have deposited Earnest Money Deposit (EMD) for the prescribed amount as per the bid document.

A copy of earnest money deposit receipt of prescribed amount deposited in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (as prescribed) issued by a commercial bank, is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the 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 to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form (GCC).

Correction -NIL

Insertion – NIL

Deletion = NIL

AE - III.....

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

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

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

Dated:

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

e-mail Ids:

Mob Nos:

Telephone Nos:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by
me for an on behalf of the President of India for a sum of
'..... (Rupees.....
.....).

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

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

For & on behalf of President of India

Signature

Designation

Dated:

PROFORMA OF SCHEDULES FOR MAJOR COMPONENT (CIVIL)**SCHEDULE 'A'**

Schedule of quantities (as per PWD-3)

: See part C of the NIT

SCHEDULE 'D' -

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

SCHEDULE 'E'

Reference to General Conditions of contract : GCC 2023 Maintenance Works, Form 7 as modified & corrected upto previous day of the last date of submission of the tender.

Name of Work	:	Laying of paver block and drain slabs behind Type V quarters of Special Bureau Campus, Kathrikadavu, Kochi.
Estimated cost of work	:	Rs. 1,90,193/-
a. Earnest Money	:	Rs. 3804/-
b. Performance Guarantee	:	a) 5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher). b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.
c. Security Deposit	:	2.5% of tendered value

SCHEDULE 'F'**GENERAL RULES & DIRECTIONS:**

Officer inviting tender	:	Assistant Engineer III – Cochin CPWD, Kendriya Bhavan, Kakkanad Kochi – 682037
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 as given below	:	See under Clause 12

Definitions:

2(v) Engineer-in-Charge	:	Assistant Engineer III – Cochin, CPWD, Kendriya Bhavan, Kakkanad, Kochi – 682037
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Correction -NIL

Insertion – NIL

AE - III.....

Deletion = NIL

2(viii) Accepting Authority.	:	Assistant Engineer III – Cochin, CPWD, Kendriya Bhavan, Kakkanad, Kochi – 682037
2(x) Percentage on cost of materials and Labour to cover all overheads and profits	:	15%
2(xi) Standard Schedule of Rates	:	Delhi Schedule of Rates 2023 as modified & corrected upto previous day of the last date of submission of the tender & Market Rates
2(xii) Department	:	CPWD
9(ii) Standard CPWD Contract Form	:	CPWD General Conditions of contract 2023 – Maintenance Works, Form 7 as modified & corrected upto previous day of the last date of submission of the tender.

Clause 1

(i) Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW welfare board or proof of applying thereof from the date of issue of letter of acceptance	:	7 (Seven) days
(ii) Maximum allowance extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above	:	3 (Three) days

Clause 2

Authority for fixing compensation under clause 2	:	Superintending Engineer – Cochin, CPWD, Kendriya Bhavan, Kakkanad, Kochi – 682037
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Clause 2A

Whether Clause 2A shall be applicable

Not Applicable

Clause 5

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

10 (Ten) days

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

S.No.	Description of Milestone (Physical)	Time Allowed in Days (from date of start)	Amount to be withheld in case of non achievement of mile stone
1	1/8 th of the value of the work	1/4 th of the whole work	1.25% of Tendered value of the work
2	3/8 th of the value of the work	1/2 th of the whole work	1.25% of Tendered value of the work
3	3/4 th of the value of the work	3/4 th of the whole work	1.25% of Tendered value of the work
4	Complete work	Complete work	1.25% of Tendered value of the work

Time allowed for execution of work	:	02 Months
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(i) Authority to convey the decision of shifting of milestone and extension of time	:	Assistant Engineer III – Cochin CPWD, Kendriya Bhavan, Kakkanad Kochi – 682 037
(ii) Authority to decide rescheduling of milestone and extension of time	:	Superintending Engineer – Cochin CPWD, Kendriya Bhavan, Kakkanad Kochi – 682 037
(iii) Shifting of date of start in case of delay in handing over of site	:	Superintending Engineer – Cochin CPWD, Kendriya Bhavan, Kakkanad Kochi – 682 037

PROFORMA 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	On the date of start of work
Part B	Portions with encumbrances	--	Not Applicable
Part C	Portions dependent on work of other agencies	--	Not Applicable

Clause 5.2

Documentation of	:	1. The contractor has to first register himself through a registration form, available on CPWD website under
Hindrances		

		‘Contractors Login’ tab. After registration, User ID and password will be automatically generated and sent on his registered mobile and email ID. Using this User ID and Password he can access the module and view all the works which are being carried out by him in CPWD and he can register the hindrance against any particular work. After recording the hindrance by the contractor, it will be visible to all concerned officers (JE and above) of that work. An alert through text message and email will be sent to EE. 2. Executive Engineer will first assign the work to the JE/AE who will give their comments on the hindrance within 2 days. After that Executive Engineer of the work will have to take appropriate action on the hindrance within 2 days. The comments of JE/AEs will not be visible to contractor, only the decision of the Executive Engineer on the hindrance will be visible to contractor under “Decision of the Engineer-in-charge.”
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Clause 5.4

Recovery rate for delay in submission of monthly Progress report beyond 5th Day of every month	:	Rs. 100 per Day
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Clause 6

Clause Applicable – (6) Computerized Measurement Book (CMB)/Electronic Measurement Book (EMB) Mode of Measurement	:	EMB (If any technical problem in EMB then Engineer in Charge can allow CMB)
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Clause 7

Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	:	Rs. 0.95 Lakhs
Clause 7A :- Whether Clause 7A shall be applicable	:	Yes

Clause 10A

List of testing equipment to be provided by the Contractor at site lab : As required at site

Clause 10B (ii)

Whether Clause 10 B (ii) shall be applicable : No

Clause 10C : Not Applicable

Clause 10CC : Not Applicable

Clause 11

Specifications to be followed for execution of work : **CPWD Specifications 2019 Vol I & II as modified and corrected up to previous day of the last date of submission of the tender.**

Clause 12 : **Deviation, Extra Item & Pricing**

Type of Work : Maintenance / Renovation/
Upgradation work

Clause 12.2(a)	:	As per GCC 2023 Maintenance Works CPWD form 7 as modified & corrected up to previous day of the last date of submission of the tender.
Clause 12.2(b)	:	As per GCC 2023 Maintenance Works CPWD form 7 as modified & corrected up to previous day of the last date of submission of the tender.
Clause 12.3	:	All the deviated quantities shall be paid at Agreement rates.

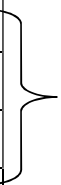
Clause 16

Competent Authority for deciding reduced rates.	:	Superintending Engineer – Cochin CPWD, Kendriya Bhavan, Kakkanad Kochi – 682 037
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Clause 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site	:	As required for timely execution work as per direction of Engineer in Charge
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Clause 19

Clause 19C		(Authority to decide penalty for each default)	Assistant Engineer III – Cochin CPWD, Kendriya Bhavan, Kakkanad Kochi – 682 037
Clause 19D			
Clause 19G			
Clause 19K			

Clause 25

Conciliator	:	Additional Director General, Region Kochi, CPWD
Arbitrator Appointing Authority	:	Superintending Engineer – Cochin CPWD, Kendriya Bhavan, Kakkanad Kochi – 682 037
Place of Arbitration	:	Cochin

Clause 38 –

(a)	Schedule / statement for determining theoretical quantity of cement & bitumen on the basis of DSR 2023 as modified & corrected up to previous day of the last date of submission of the tender	
Variations permissible on theoretical quantities:		
a)	Cement for Works with estimated cost put to Tender not more than Rs 25 Lakhs	3% plus/minus
	For Works with estimated cost put to Tender more than Rs25 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 & category	2%plus/minus
d)	All other materials	NIL

PART -B

SPECIAL CONDITIONS FOR CIVIL WORKS.

SPECIAL CONDITIONS FOR CEMENT AND STEEL

LIST OF APPROVED MAKE OF MATERIALS

GUIDELINES FOR CONSTRUCTION SITES FOR COVID-19

SPECIAL CONDITIONS FOR CIVIL WORKS

1. Before tendering, the contractor shall inspect the site of work and structures and shall fully acquaint himself about the conditions prevailing at site, availability of materials, availability of land and suitable location for construction of go-downs, stores and camp, transport facilities, constraints of space for establishing design mix plants, weather condition at site, the extent of leads and lifts involved in execution of work etc., which may affect or influence the tenders.
2. Labour huts at site will not be allowed.
3. The contractor shall at his own expense and risk arrange land for accommodation of labour, setting up of office, storage of materials, erection of temporary workshops, and construction of approach roads to the site of 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 these purposes 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 use of land available at the site of work. If it becomes necessary during construction to remove or shift the stored materials, shed, workshop, access roads, etc, to facilitate execution of the work included in this agreement or any other work by any other agency, the contractor shall remove or shift these facilities as directed by the Engineer-in-Charge and no claim whatsoever shall be entertained on this account.
4. It shall be deemed that the contractor has 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.
5. The contractor shall have to make approaches to the site, if so required and keep them in good condition for transportation of labour and materials as well as inspection of works by the Engineer-in-Charge. Nothing extra shall be paid on this account.
6. The contractor shall carry out true and proper setting out of the work in co-ordination with the Engineer-in-Charge or his authorized representatives and shall be responsible for the correctness of the positions, levels, dimensions and alignments of all parts of the structure. If at any time during the progress of the work any error appears or arises in the position, level, 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 representatives 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 setting out of works.
7. All setting out activities concerning establishment of bench marks, centre line pillars, etc. including all material, tools, plants, equipments and all other instruments, labour, 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 completion of the work shall be carried out by the contractor and nothing extra shall be paid on this account.
8. The work shall be carried out in such a manner so as not to interfere or adversely affect or disturb other works being executed by other agencies, if any.

9. Any damage done by the contractor to any existing works or work being executed by other agencies shall be made good by him at his own cost.
10. The work shall be carried out in the manner complying in all 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.
11. For completing the work in time, the contractor may have 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 labourers and other staff engaged directly or indirectly on the work according to the provisions of the labour regulations and the agreement entered upon and/or extra amount for any other reasons.
12. The contractor shall make his own arrangements for water and for obtaining electric connections if required and make necessary payments directly to the State / Central Govt. departments concerned. Contractor shall get the water tested from laboratory approved by the Engineer-in-charge at regular interval as per the CPWD Specifications 2019. All expenses towards collection of samples, packing, transportation etc. shall be borne by the contractor.
13. The drawings for the work issued by the Engineer-in-Charge during execution of work shall at all times be properly correlated before executing any work and no claim whatsoever shall be entertained for discrepancies in the drawings.
14. The works to be governed by this contract shall cover delivery and transportation up to destination, safe custody at site, insurance, erection, testing and commissioning of the entire works.

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

 - (i) Preparation of detailed SHOP drawings and AS BUILT drawings wherever applicable.
 - (ii) Obtaining of Statutory permissions where-ever applicable and required.
 - (iii) Pre-commissioning tests as per relevant standard specifications, code of practice, Acts and Rules wherever required.
 - (iv) Warranty obligation for the equipment and / or fittings/fixtures supplied by the contractor. Contractor shall provide all the shop drawings or layout drawings for all the co-ordinated services before starting any work or placing any order of any of the services etc. These shop drawings /layout drawings shall be got approved from Engineer-in-charge before implementation and this shall be binding on the contractor. The contractor shall submit material submittals along with material sample for approval of Engineer-in-charge prior to delivery of material at site.
15. The contractor shall maintain in good condition all work executed till the completion of entire work entrusted to the contractor under this contract.
16. No payment shall be made to the contractor for damage caused by rain, whatsoever during the execution of works and any damage to the work on this account shall have to be made good by the contractor at his own cost.
17. Unless otherwise provided in the Schedule of quantities, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building and nothing extra shall be payable to him on this account. Payment for centering, shuttering, however, if required to be done for floor heights greater than 3.5m shall be admissible at rates arrived in accordance with clause 12 of the agreement if not already specified.

18. No claim whatsoever for idle labour, additional establishments, costs of hire and labour charges for tools and plants, scaffolding etc, would be entertained under any circumstances.
19. The Contractor(s) shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night. In case of any accident of labours/ contractual staffs the entire responsibility will rest on the part of the contractor and any compensation under such circumstances, if becomes payable, shall be entirely borne by the contractor.
20. Contractor shall within two weeks of award of work, submit to the Engineer-in-Charge for his approval, list of measures for maintaining safety of manpower deployed for construction and avoidance of accidents.

i)	IS 3696 Part I	Safety Code for scaffolds and ladders.
ii)	IS 3696 Part II	Safety Code for scaffolds and ladders Part II ladders.
iii)	IS 764	Safety Code for excavation work.
iv)	IS 4138	Safety Code for working in compressed air.
v)	IS 7293	Safety Code for working with construction machinery.
vi)	IS 7969	Safety Code for storage and handling of building materials.
vii)	IS 4130	Safety code for demolition of buildings.
21. For the safety of all labour directly or indirectly employed in the work the contractors shall, in addition to the provision of CPWD safety code and directions of the Engineer-in-Charge, make all arrangements to provide facility as per the provision of Indian Standard Specifications (Codes) listed below and nothing extra shall be paid on this account.
22. 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.
23. **Scaffolding** : Wherever required for the execution of work, all the scaffolding shall be provided and suitably fixed, by the Contractor. **It shall be provided strictly with steel double scaffolding system, suitably braced for stability, with all the accessories, gangways, etc. with adjustable suitable working platforms to access the areas with ease for working and inspection.** It shall be designed to take all incidental loads. It should cater to the safety features for workmen. It shall be ensured that no damage is caused to any structure due to the scaffolding. Nothing extra shall be payable on this account.
24. Royalty if any payable and all other incidental expenditure shall have to be paid by the contractor on all the boulders, metal shingle, earth, sand bajri, etc. collected by him for the execution of the work, direct to the concerned Revenue Authority of the State or Central Govt. and the amount paid shall not be reimbursed in any form whatsoever.
25. Other agencies working at site will also simultaneously execute the works entrusted to them and to facilitate their working, the contractor shall make necessary provisions e.g. holes, openings, etc. for laying/burying pipes, cables, conduits, clamps, hooks, etc. as may be required from time to time.

Correction -NIL

Insertion – NIL

AE - III.....

Deletion = NIL

The contractor shall extend full co-operation to other agencies for smooth execution of works by other agencies. The final finishing of the work is to be executed in co-ordination with other agencies as directed by the Engineer-in-Charge.

26. On account of security considerations, there could be some restrictions on the working hours, movement of vehicles for transportation of materials and location of labour camp. The contractor shall be bound to follow all such restrictions and adjust the programme for execution of work accordingly. Nothing extra shall be paid on this account.
27. Stacking of materials and excavated earth shall be done as per the directions of the Engineer-in-Charge. Double handling of materials or excavated earth if required shall have to be done by the contractor at his own cost.
28. In case of construction joints, the cost of applying cement slurry over the concrete surface before fresh concrete is laid as per para 5.4.4.4. of CPWD Specification 2019 is included in the relevant items of the schedule of quantities and nothing extra shall be paid on this account.
29. Unless otherwise specified in the Schedule of Quantities the rates for all items of work shall be considered as inclusive of working in or under water and/or liquid mud and/or foul conditions including pumping or bailing out liquid mud or water accumulated in excavations during the progress of the work from springs, tidal or river seepage, rain, broken water mains or drains and seepage from subsoil aquifer.
30. Water supply pipe lines shall not be embedded in floor. PVC pipe casing of next bigger diameter shall be provided in full width of wall (including finishing) when GI pipe line crosses the wall, to protect it from corrosion. The gap between the PVC and GI pipes shall be sealed at the ends with poly-sulphide or other suitable sealant. Nothing extra shall be paid on this account.
31. Stone slabs for risers and treads of staircases and steps, where specified, shall be of single piece of required width and length. No joint shall be permitted. The holes of required shape and size shall be drilled in the single piece stone slabs of treads for fixing balustrades wherever necessary. Pattern of stone slabs for landings of staircase shall be decided by the Engineer-in-Charge. Nothing extra is payable on this account.
32. Stone slabs used for treads of staircase shall be provided with One machine cut grooves of size 3mm wide x 2mm deep, 25 mm apart near the nosing of the steps. Nothing extra is payable on this account.
33. To protect the flooring and steps of staircases during construction and until the completion of the work, finished/semi-finished surface of flooring shall be covered with a thick layer of plaster of Paris and this layer shall be maintained in good condition till its removal. The removal of the layer of plaster of Paris and cleaning the surface shall be done as and when decided by the Engineer-in-Charge. After the removal of plaster of Paris and cleaning of the surface, damage, if any, shall have to be made good by the contractor. No extra payment shall be made for protection with plaster of Paris, removal of plaster of Paris, cleaning and making good the damages.
34. 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.

35. The steel work in railing includes fish tailing of the section to be embedded in concrete and fixing the same.
36. In RCC work, to avoid displacement of reinforcement bars in any direction and to ensure proper cover, only factory made round / square type cover blocks should be used.
37. Nothing extra will be paid for centering, shuttering, reinforcement and RCC work for sloped slabs and beams, unless otherwise specified in the item.
38. Steel bars shall be stored about 30 to 45 cm above ground and where the storage is for more than 3 months, a coat of cement wash shall be given to the bars. Nothing extra shall be paid towards cost of application of cement wash.
39. Some restrictions may be imposed by the State Government on quarrying of sand, stones etc, from certain areas. For timely completion of work the contractor shall have to bring such materials from other quarries located elsewhere.
40. The contractor shall give Five years guarantee in the prescribed proforma for water proofing items specified in the schedule of quantities. In addition to this 10% of the quoted cost of items shall be retained either in cash /fixed deposit or in the form of bank guarantee, which shall be released after the expiry of Five years from the date of completion if no defects are found in water proofing or the defects are made good. This amount shall be adjusted against the expenses incurred on making good the defects if the contractor commits breach of guarantee.
41. In case of any difference in the Hindi version and English version in any of the condition of contract, English version shall prevail.
42. To facilitate gas connection, holes (if required by the Engineer-in-Charge) including suitable rubber gasket shall be provided in the kitchen platform of RCC slab/granite /marble/ other stone slab etc. Nothing extra will be paid on the account and rates quoted for relevant items are inclusive of making such provision.
43. Concrete mixers to be used on the work shall have arrangement for weighing water and controlling water cement ratio.
44. 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 shall be payable no extra cement considered in consumption on this account.
45. If the actual weight of reinforcement and structural steel to be used in the work differs from standard weight given in table 5.4 of CPWD Specification, the following procedure shall be followed for arriving at the quantity for payment.
 - (a) If the actual weight is more than standard weight only standard weight shall be considered for payment.
 - (b) If the actual weight is less than standard weight but within the permissible variation, only actual weight shall be considered for payment.
46. The contractor shall arrange to keep the premises neat and clean. The rubbish/malba and unserviceable materials shall be removed on day to day basis.

47. **Time and Programme Chart.**

The contractor shall give scientifically analyzed detailed programme chart for all the activities of the work within 21 days from the date of issue of letter of acceptance of tender. The programme chart shall be prepared covering the physical milestones as envisaged in the tender documents. Nothing extra shall be paid for preparation/ modification of programme chart, CPM and PERT chart. The contractor shall submit the time and programme and project report using the mutually agreed software or in other format decided by the Engineer- in-charge.

- (i) While preparing the above detailed programme chart, effort shall be made to take all possible items of work simultaneously.
- (ii) Separate programme chart should be prepared exclusively for procurement of materials. The detailed bar chart should distinctly bifurcate the items of work and of materials required for the execution of that item. Both should not be clubbed together. For example, for internal plumbing work the bar chart should show the procurement of pipe and other fittings with start and finish dates and items of work with start and finish dates separately. Both items should be interlinked preceding and succeeding activity. The programme chart not indicating procurement items separately will not be accepted.
- (iii) Similarly programme chart should be prepared separately for arrangement of labour.
- (iv) The programme chart so finalized and accepted by department should be got reviewed by the department, once in a month regularly. Modified / revised programme chart shall be prepared in the event of not adhering to the targets mentioned in the earlier programme chart. The contractor shall augment additional resources, materials and man power for achieving the targets, so submitted in the revised Programme chart.
- (v) He shall furnish the details both in hard copies as well as soft copies. Nothing extra shall be paid on this account.

48. **Quality Assurance**

- (i) The proposed work is a prestigious campus development project and quality of work is of paramount importance. Contractor shall have to engage well-experienced skilled labour and deploy modern T&Ps and other equipment in the execution of the work.

Many items like flooring work, factory made door- window shutters, proper slope maintaining in toilet units, sanitary- water supply installation, water proofing treatment, will specially require engagement of skilled workers having experience particularly in execution of such items.

- (ii) The contractor shall ensure quality construction in a planned and time bound manner. Any sub-standard material / work beyond the set out tolerance limit shall be summarily rejected by the Engineer-in-charge and the contractor shall be bound to replace / remove such sub-standard / defective work immediately. If any material, even though approved by Engineer-In-Charge is found defective or not

conforming to specifications shall be replaced / removed by the contractor at his own risk & cost.

- (iii) In addition to the supervision of work by CPWD engineers, Special attention should be paid towards quality of materials, workmanship of execution of required standard and finish, lines and levels internal and external plastering, finish of exposed smooth surface of RCC members by providing fresh shuttering plates, rubberized linings to all the shuttering joints, accurate joinery work in wooden doors and windows, accurate joints in stone/ tiling / cladding work, non-hollowness in floor and dado tiles work, protection of scratches over flooring by providing layer of plaster of Paris, water tight pipe linings, proper compaction of joints in brick masonry, proper compaction of filled up earth etc. as per specification to achieve prescribed standards, Quality assurance for the project shall be of paramount importance.
- (iv) The Contractor shall submit, within 21 days after the date of award of work, a detailed and complete method statement for the execution, testing and Quality Assurance, of such items of works, as directed by the Engineer-in- Charge.
- (v) All the materials to be used in the work, to make the finished work complete in all respects, shall comply with the requirements of the specifications and shall pass all the tests required as per specifications as applicable or such specifications / standards as directed by the Engineer-in- Charge. However, keeping the Quality Assurance in mind, the Contractor shall submit, on request from the Engineer-in-Charge, his own Quality Assurance procedures for basic materials and such items, to be followed during the execution of the work, for approval of the Engineer-in-Charge.
- (vi) All materials and fittings brought by the contractor to the site for use shall conform to the specification and the samples approved by the Engineer-in- charge. The contractor should get the samples of all the materials got approved from the Engineer in charge before bringing the bulk quantity, which shall be preserved at site of execution till the completion of the work. If a particular brand of material is specified in the item of work in Schedule of Quantity, the same shall be used after getting the same approved from Engineer-In-Charge. Wherever brand / quality of material is not specified in the item of work, the contractor shall submit the samples as per approved list of brand names given in the tender document / particular specifications for approval of Engineer-In Charge. For all other items, materials and fittings of ISI Marked shall be used with the approval of Engineer-In-Charge. Wherever ISI Marked material / fittings are not available, the contractor shall submit samples of materials / fittings manufactured by firms of repute conforming to relevant specifications or IS codes and use the same only after getting the approval of Engineer-In-Charge.
- (vii) The Contractor shall procure and provide all the materials from the manufacturers / suppliers approved by Engineer-in-charge, as per the item description and particular specifications for the work. No claim, whatsoever, of any kind shall be entertained from the Contractor on this account. Also, the material shall be procured only after written approval of the Engineer-in- Charge.
- (viii) Contractor shall submit GST Purchase invoices & MTCs (Mill/Manufacturers Test Certificate) for all the materials procured at site and shall submit the same in

original wherever requested by the Engineer in Charge (or) his authorized representative.

- (ix) All materials whether obtained from Govt. stores or otherwise shall be got checked by the Engineer-in-Charge or his authorized supervisory staff on receipt of the same at site before use.
- (x) To avoid delay, contractor should submit all samples well in advance so as to give timely orders for procurement.
- (xi) The contractor has to establish field laboratory at site including all necessary equipment for field tests as given in Schedule 'F'. All the relevant and applicable standards and specifications shall be made available by the contractor at his cost in the field laboratory. The contractor shall designate one of his technical representatives possessing required qualification and experience specified in the Schedule F as Quality Assurance Engineer, who shall be responsible for carrying out all mandatory field/laboratory tests. The contractor shall also provide adequate supporting staff at his cost for carrying out field tests, packaging and forwarding of samples for outside laboratory tests and for maintaining test records.
- (xii) All the registers of tests carried out at Construction Site or in outside laboratories and all material at site (MAS) registers including cement register shall be maintained by the contractor which shall be issued to the contractor by Engineer-in-charge. All the entries in the registers will be made by the designated Engineering Staff of the contractor and same should be regularly reviewed by JE/AE/AEE/EE. Contractor shall be responsible for safe custody of all the registers.
- (xiii) The contractor shall at his own cost submit samples of all materials sufficiently in advance and obtain approval of Engineer-in-Charge. The materials to be used in actual execution of the work shall strictly conform to the quality of samples approved by the Engineer-in-Charge and nothing extra shall be paid on this account. The acceptance of any sample or material on inspection shall not be a bar to its subsequent rejection, if found defective.
- (xiv) The contractor shall at his cost, make all arrangements and shall provide necessary facilities as the Engineer-in-Charge may require for collecting, preparing, packing, forwarding and transportation of the required number of samples for tests and for analysis at such time and to such places as directed by the Engineer-in-Charge. Nothing extra shall be paid for the above operations including the cost of materials required for tests and analysis. Testing charges shall be borne by the contractor.
- (xv) 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 the contractor or his authorized representative is not present or does not associate him in the aforesaid operation the results of such tests and consequences thereon shall be binding on the contractor.
- (xvi) Materials used on work without prior inspection and testing (where testing is necessary) and without approval of the Engineer-in-Charge are liable to be considered unauthorized, defective and not acceptable. The Engineer-in- Charge

shall have full powers to require the removal of any or all of the materials brought to site by contractor which are not in accordance with the contract specifications or do not 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.

- (xvii) The contractor shall make his own arrangement of 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 and thereafter it is got tested at he prescribed interval as per specification.
 - (xviii) All the hidden items such as water supply lines, drainage pipes, conduits, sewers etc. are to be properly tested as per the design conditions before covering and their measurements in computerized measurement book duly test checked shall be deposited with Engineer in charge or his authorized representative, prior to hiding these items.
49. Third party quality assurance Incase the department decides to engage third party quality assurance system, the same will be engaged by the department and the contractor will render necessary arrangement for the inspection of work similar to clause 16 of agreement.
50. 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.
51. The rate shall be for all heights and levels for centering, RCC and finishing to be done.
52. Unless otherwise specified, nothing extra, whatsoever shall be paid for executing the work as per the above SPECIAL CONDITIONS from serial number 1 to 51.

SPECIAL CONDITIONS FOR CEMENT AND STEEL BROUGHT BY THE CONTRACTOR

1. CEMENT

Correction -NIL

Insertion – NIL

Deletion = NIL

AE - III.....

- 1.1 The contractor shall procure 43 grade ordinary Portland Cement conforming to IS 8112 / Portland Pozzolana Cement conforming to IS:1489 (Part-I) as required in the work from reputed manufacturers of cement such as **Zuari, ACC, Ultratech, Ramco, Vikram, Shree Cement, Ambuja, Jaypee Cement, Century Cement, Penna Cement, Dalmia Bharat & J.K Cement** or from any other reputed cement Manufacturer having a production capacity not less than one million tonnes per annum as approved by ADG for that sub region. Nothing extra shall be paid for using OPC (ordinary Portland cement).

The tenderers may also submit a list of names of cement manufacturers which they propose to use in the work. The tender accepting authority reserves right to accept or reject name(s) of cement manufacturer(s) which the tenderer proposes to use in the work. No change in the tendered rates will be accepted if the tender accepting authority does not accept the list of cement manufacturers, given by the tenderer, fully or partially. The Supply of cement shall be taken in 50 kg bags bearing manufacturer's name and ISI marking. Samples of cement arranged by the contractor shall be taken by the Engineer-in-Charge and got tested in accordance with provisions of relevant BIS codes. In case test results indicate that the cement arranged by the contractor does 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. Every fresh cement batch should be brought to site at least 30 days before they are to be used / consumed in the work.

- 1.2 The cement shall be brought at site in bulk supply of approximately 20 tonnes or more or as decided by the Engineer-in-Charge.
- 1.3 The cement go-down of the capacity to store a minimum of 2 months requirement shall be constructed by the contractor at site of work for which no extra payment shall be made. Double lock provision shall be made to the door of cement go-down. The contractor shall facilitate the inspection of the cement go-down by the Engineer-in-Charge or his authorized representatives.
- 1.4 The cement shall be got tested by the Engineer-in-Charge and shall be used on the work only after satisfactory test results have been received. The contractor shall supply free of charge the cement required for testing including its transportation cost to testing laboratories. The frequency and 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.
- 1.5 The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in clause 42 of the contract and shall governed by the conditions laid therein. In case the cement consumption is less than theoretical consumption including permissible variation, recovery at rate so prescribed shall be made. In case of excess consumption no adjustment shall be made.
- 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 Damaged cement shall be removed from the site immediately by the contractor on receipt of a notice in writing from the Engineer-in-charge. If he does not do so within 3 days of receipt of such notice, the Engineer-in-charge shall get it removed at the cost of the contractor.
- 1.8 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. The stacks shall be in rows of 2 and 10 bags high with minimum of 0.6m clear. Bags should be placed horizontally continuous in each line. Actual size / shape of go down shall be as per site requirement and nothing extra shall be paid on this account. The decision of Engineer-in-charge regarding capacity shall be final.
- 1.9 Cement register for the cement shall be maintained at site. The account of daily receipts and issues of cement shall be maintained in the register in the proforma prescribed and signed daily by contractor or his authorized agent.
- 1.10 The Contractor shall produce the original cash bills/GST invoices of cement to the representative of the Engineer in Charge as and when he brings the cement to the site.

2. STEEL

- 2.1 The CPWD/Contractor shall procure IS marked TMT bars of various grades from primary steel producers such as SAIL, TATA steel limited, RINL, Jindal Steel and Power Ltd, JSW Steel Ltd or their authorized dealers having valid BIS license for IS.1786-2008 (Amendment - I November 2012).

The Steel Manufacturers such as SAIL, TATA steel Ltd., VIZAG, Jindal Steel & Power Ltd. And JSW steel Ltd. Or their authorized dealers having valid BIS license for IS:1786-2008 (Amendment-1 November2012)

The steel manufacturers or their authorized dealers(as per following selection criteria) having valid BIS license for IS: 1786-2008 (Amendment-1 November2012)

The procured steel should have following qualities:-

- (i) Excellent ductility, bend ability and elongation of finished product due to possible refining technology.
- (ii) Consumption of steel should be accurate as per design.
- (iii) Steel should have no brittleness problem in finished product.
- (iv) Steel should carry the quality of corrosion and earthquake resistance.
- (v) Quality steel with achievement of proper level of sulphur and phosphorus as per IS:1786-2008.

(b) Guidelines for Procurement of Steel

- (i) For reinforced cement concrete or pre-stressed concrete works, the reinforcement bars shall consist of the following grades conforming to IS 1786 : 2008 (Indian Standard specification for high strength deformed steel bars and wires for concrete reinforcement): Fe 415, Fe 415D, Fe 415S, Fe 500D and Fe 550D.
- (ii) The contractor shall obtain manufacturer's certificate stating the process of manufacture, chemical composition and test sheet giving result of each mechanical test applicable to the material purchased and submit it to the Engineer-in-Charge. Each test certificate shall indicate the number of the cast to which it applies, corresponding

to the number or identification mark to be found on the material.

- (iii) The Engineer-in-Charge shall get each consignment tested for both chemical composition and physical properties (including bend and re-bend test) as specified in IS : 1786 from NABL accredited laboratory or any Government laboratory.

- 2.2 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.
- 2.3 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's time of written orders from the Engineer-in-charge to do so.
- 2.4 The steel reinforcement bars shall be brought to the site in bulk supply of 10 tonnes or more or as decided by the Engineer-in-Charge.
- 2.5 The steel reinforcement 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.
- 2.6 For checking nominal mass, tensile strength, bend test, re-bend test, etc. specimen of sufficient length shall be cut from each size of the bar at random, and at frequency not less than that specified below:-

Size of bar	For consignment below 100 tonnes	For consignment over 100 tonnes
Under 10mm dia bars.	One sample for each 25 tonnes or part thereof	One sample for each 40 tonnes or part thereof
10 mm to 16mm dia bars.	One sample for each 35 tonnes or part thereof	One sample for each 45 tonnes or part thereof
Over 16 mm dia bars.	One sample for each 45 tonnes or part thereof	One sample for each 50 tonnes or part thereof

- 2.7 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.
- 2.8 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 38 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.

- 2.9 The steel brought to site and steel remaining unused shall not be removed from site without the written permission of the Engineer-in-Charge.
- 2.10 The Contractor has to produce the cash bills/ GST Invoices to the Assistant Engineer at site as and when he brings steel to the site

LIST OF APPROVED MAKE OF MATERIALS

All materials and Equipment shall conform to the relevant standards and shall be of approved make and design. The list of preferred makes for various equipments/materials etc. is given below. Any item missed out from the list should be got approved by the Engineer in Charge before delivery/ installation. Engineer-in-charge may, for any item, in the interest of work allow use of any other make/brand in addition to the makes/brands mentioned in the preferred makes lists subject to its satisfactory quality and on proper grounds like non-availability of preferred makes/brands in the market etc. In such case, cost adjustment shall be made if the make/brand actually used is priced lower than the lowest priced brands of that item in the preferred makes list. However, nothing extra shall be paid if actually used brand/make is of higher price than the highest priced brand/make in the list of preferred makes.

Sl.No	Name of Product/ Material	Brand Name	Make
1	Wooden Flush door shutters	Jayna Flush doors	Jain Wood Industries
		Raavella door	Raavella Industrial (P) Ltd
		Kailash	Kailash Hi tech Timber Industries India Pvt. Ltd
		Indian Timber Products	Indian Timber Products
		Shakthi	Shree Shakthi Modern Flush doors
		Greenlam	Greenlam Ply Industries Ltd.
		Mayur	Mayur Ply Industries
		MP Ply wood	MP Wood Industries
		Kitply	Kitply Industries Ltd
		Duro Flush doors	Duro Ply Industries Ltd.
		Kenwood	Kenwood Ply & Board
		Century	Century Flush doors
		DEC	Dec I & P India Pvt. Ltd
2	Water Proof Plywood, Commercial ply, Fire Retardant ply and Block Boards	Jayna Ply	Jain Wood Industries
		Green ply	Green Ply Industries Ltd
		Kitply	Kitply Industries Ltd
		Duroply	Duro Ply Industries Ltd.
		Archidply	Archid ply Industries Ltd
		Century ply	Century Flush doors
		wuudply	M/s Prime Veneers Ltd
3	Laminate	Green Lam	Green Lam Industries Ltd

		Centuary	Centuary laminates
		Merino	Merino laminates
		Archidply	Archid ply industries Ltd
		Sonear	Sonear Laminates
		Royal touché	Royal touché laminates
		Kitmica	Kitply Industries Ltd
		Sunmica	Sunmica Industries
		Vidya ply	Vidya Ply and Board Pvt. Ltd
		Formica	Formica Laminate (India) Pvt
		Decolam	Decolam India Pvt Ltd
4	Float Glass	Saint Gobain	Saint Gobain India Pvt Ltd
		Asahi	Asahi India Glass Ltd
		Pilkinton	Pilkinton India Pvt Ltd
		Modiguard	Gujarat Guardian Ltd
5	Fire rated glass	Contra Flam/Pyroswiss of Saint Gobain	Saint Gobain India Pvt Ltd
		Promat	Promat Fire & Insulation (P), Ltd
		Pyran of Schott	Schott glass India Pvt Ltd
		Pilkinton	Pilkinton India Pvt Ltd
6	Structural Steel	SAIL	SAIL
		TISCO	TATA Steel
		VIZAG	RINL
		JSW	JSW
		Apollo	APL Apollo
7	Vitrified tiles	AGL	Asian Granite India Ltd
		Marbita	Marbita Tiles
		NITCO	NITCO Ltd
		RAK	RAK Ceramic India Pvt Ltd
		Restile	Restile Ceramic Ltd
		Kajaria	Kajaria Ceramic Ltd

		Somany	Somany Ceramic Ltd
		Jhonson	Prism Jhonson Ltd
		Varmora Granito	Varmora Granito Granite Pvt Ltd
		Naveen	Murudeshwar Ceramics Ltd
		Viero	Aparna Tiles
		Aparna Vitero	Aparna Enterprises Ltd
8	Glazed Ceramic tiles(Also wall tiles)	AGL	Asian Granite India Ltd
		NITCO	NITCO Ltd
		RAK	RAK Ceramic India Pvt Ltd
		Kajaria	Kajaria Ceramic Ltd
		Somany	Somany Ceramic Ltd
		Johnson	Prism Jhonson Ltd
		Varmora Granito	Varmora Granito Granite Pvt Ltd
		Naveen.	Murudeshwar Ceramics Ltd
9	UPVC pipes and fittings (Rain water pipes)	Supreme	Supreme Industries Ltd
		Prince	Prince Pipes and Fittings Ltd
		Finolex	Finolex Industries Ltd
		Prepoly	Premier PVC Industry
		Astral	Astral polytechnic Ltd
		Ashirwad	Ashirwad PVC Pipes
		Flow Guard	Flow Guard
		Tru flow.	HSIL Ltd of Hindware
10	Synthetic enamel paint.	Premium gloss enamel	Asian paint Ltd
		Dulex	ICL dulex Ltd
		Nerolac	Nerolac Paints Ltd
		Berger	Berger Paints
		Nippon	Nippon Paint India Ltd
11		High performance yellow metal primer	Asian paint Ltd

	Red oxide Zinc Chromate primer	Dulex	ICL dulex Ltd
		Nerolac	Nerolac Paints Ltd
		Berger	Berger Paints
		Nippon	Nippon Paint India Ltd
12	Oil Bound Distemper	Tractor Agalock	Asian paint Ltd
		Dulux(Maxilite)	Dulux
		mG Polyplast	Nerolac
		Berger(Bisom)	Berger Paints
13	Acrylic Emulsion	Premium emulsion,	Asian paint Ltd
		Dulux(Super Cover)	ICL dulex Ltd
		Nerolac (Beauty Gold)	Nerolac Paints Ltd
		Berger (BISM)	Berger Paints
14	Acrylic smooth exterior paint	Apex	Asian paint Ltd
		Dulux	ICL dulex Ltd
		Nerolac	Nerolac Paints Ltd
		Berger	Berger Paints
		Nippon	Nippon Paint India Ltd
15	Premium Acrylic smooth exterior paint with silicon additive.	ULTIMA	Asian paint Ltd
		Dulux	ICL dulex Ltd
		Nerolac	Nerolac Paints Ltd
		Berger	Berger Paints
		Surfex Rain Shield	Surfacoats
16	Cement Based wall putty	J.K wall putty	J.K Cement Ltd
		Birla wall care	Birla Cements Ltd
		Asian Paints	Asian Paints Ltd
		Altek	NCL Alltek & Seccold Ltd
		Berger	Berger
		Ardex Endura	Ardex Endura India Pvt Ltd
		Ferrous Crete	Ferrous Crete (India) Pvt. Ltd
17		Asian Paints	Asian Paints

	Cement Primer	J K Primaxx	J K Cement Ltd
		Berger	Berger Paints Ltd
18	Epoxy Paint	Asian Epoxy	Asian Paints
		Berger	Berger Paints India Ltd
		Shalimar	Shalimar Paints
		STP Ltd	Shalimar Tar Products
		Ardex Endura	Ardex Endura India Pvt Ltd
		Mapecoat L24	MAPEI Construction Products India P Ltd
		Nerolac	Nerolac
		Sun Epoxy Paint	Sunanda Speciality Coating Pvt Ltd
19	Vitreous Commodes/Washbas in	Hindware	HSIL Ltd
		Roca	ROCA Bath room Products
		Parryware	ROCA Bath Pvt Ltd
		Kohler	Kohler world wide
		CERA	CERA Sanitaryware Ltd
		Jaquar	Jaquar Group
		Bathsense	Asian Paints
20	Flushing Cistern	Parryware	ROCA Bath Pvt Ltd
		Kohler	Kohler world wide
		Hindware	HSIL Ltd
		CERA	CERA Sanitaryware Ltd
		Jaquar	Jaquar Group
		Bathsense/TECE	Asian Paints
21	SWR PVC pipes & fittings	Supreme	Supreme Industries Ltd
		Astral	Astral polytechnic Ltd
		Finolex	Finolex Industries Ltd
		Flowgard	Ashirwad PVC Pipes
		Prince	Prince Pipes and Fittings
		Truflow	HSIL Ltd of Hindware
22		Jhonson, Diamond,	Prision Jhonson Ltd.

Correction -NIL

Insertion – NIL

AE - III.....

Deletion = NIL

	Stainless Steel Kitchen sink	Diamond	Phoenix Appliances Pvt Ltd
		Jindal	Centuary Polytech
		Nilkanth	Nilkant
		Nirali	Jyoti (India) Metal Industries Pvt Ltd
		Hindware	HSIL Ltd
		Silver Shine	Blue Stone Sanitary Industries Pvt Ltd
		Joyna	Joyna
		Navkar	Shri. Navkar Metals Ltd
		Franke	Franke India Ltd
		Futura	Futura Kitchen Sinks India P Ltd
23	CPVC pipes and fittings	Supreme	Supreme Industries Ltd
		Finolex	Finolex Industries Ltd
		Astral	Astral polytechnic Ltd
		Prince	Prince Pipes and Fittings
		Truflo	HSIL Ltd of Hindware
		Birla Aerocon	HIL ltd
		Ashirwad.	Ashirwad PVC Pipes
		Flowgard	FlowGuard
24	Aluminium doors/windows sections	Hindalco	Hindalco Industries Ltd
		Jindal	Jindal Aluminium Ltd
		Padmavathi Extrusion	Padmavathi Extrusion Pvt Ltd
		Hyd	Hydro Extrusion
		Omalco Extrusion	Omalco Extrusion Pvt Ltd
		Bhoruka	Bhoruka Aluminium Ltd
		Indal	Indian Aluminium Ltd
25		Fosroc	Fosroc India
		Ferrous Crete	Ferrous Crete (India) Pvt Ltd
		Sika	Sika India

	Water Proofing compound	MYK Schomburg	MYK Arments range of products
		Penetron	Penetron India Pvt Ltd
		Dr. Fixit	Pidilite Industries
		Accoprrof	ACC Cements Ltd
		Ardex Endura	Ardex Endura (India) Ltd
		Alchemica	Alchemica Ltd
		Smart Care	Asian Paints
		Cement mix plus/Advanced Latex Plus	Berger Paints
		Shaliplast LW+	STP Ltd
		Mapecure AS/Mapecure E30/Mapecure ASE	M/s MAPEI Construction Product India Pvt Ltd
26	PVC Doors & Frames	Accucel	Accura Polytech Pvt Ltd
		Duroplast	Duroplast extrusion Pvt Ltd
		Polyline	Polyline extrusion Pvt Ltd
		Rajashri	Rajashri Productions Pvt Ltd
		Qute	Qute Extrusion Pvt Ltd
27	Galvolume sheet for roofing, cladding, sandwich panel	Llyod Metal Craft	Llyod Insulations
		Tata Blue Scope	Tata Bluescope
		Bhushan	Bhushan Steel
		JSW	JSW
		Essar	Essar Group
28	False Ceilings	Aerolite	Andhra Polymers Pvt Ltd/Aerolite Industries Pvt Ltd
		Anutone	Anutone Accoustics Ltd
		Armstrong	Armstrong World Industries
		Gridsquare	Gridsquare Ceilings
		Knauf	Knauf Gypsum India Pvt Ltd
		USG Boral	USG Boral

		Hunter Dougals	Hunter Dougals
		Saint Gobain Gyproc	Saint Gobain Gyproc india
29	Centrifugally Caste (Spun) Iron Soil Pipes	Neco	Jayaswal Neco Ltd
		SKF Brand	SKF Industries
		HEPCO	Hepco
		Bengal Iron Corporation	Bengal Iron Corporation
		RPMF	Raj Pattern Makers and Founders Pvt Ltd
		HIF	M/s Babulal Bajaj Iron Foundry
30	Centrifugally (Spun) Cast Iron	Lanco/Sripipes	Electrosteel castings Ltd
		Jindal	Jindal Saw Ltd
		Kesoram	Kesoram Industries Ltd
		Electrosteel	Electrosteel castings Ltd
31	Spun Cast Iron Fittings	Neco	Jayaswal Neco Ltd
		Kartar	Kartar Valves Pvt Ltd
		Electrosteel	Electrosteel castings Ltd
		Kapilansh Centrifugal	Kapilansh Dhatu Uduog(P) Ltd
		SKF Brand	SKF Industries
32	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
		NITCO(ROCKARD)	NITCO
		BHARAT(NILSAN)	Bharat
		REGENCY	Regency
		Basant Betones	Basant Betones

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 (hereinafter called "The Government") has invited bids under.....(NIT number)..... dated for.....
.....(name of work) The Government has further agreed to accept Irrevocable Bank Guarantee for Rs.
(Rupees.....only) valid upto (date)*..... as **Earnest Money Deposit** from..... (name and address of contractor)..... (hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

Whereas the Executive Engineer (name of division), CPWD on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number with(name and address of the contractor) (hereinafter called "the Contractor") for execution of work (name of work) The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. (Rupees only) valid upto (date)..... as **Performance Guarantee/Security Deposit/Mobilization Advance** 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 contractor and to forbear or enforce any of the terms and conditions relating 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 whatever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. We,(indicate the name of the bank), further agree that the Government at its option shall be entitled to enforce this Guarantee against the bank as a principal debtor at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
8. We,(indicate the name of the Bank), undertake not to revoke this guarantee except with the consent of the Government in writing.
9. This Bank Guarantee shall be valid up tounless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs.(Rupeesonly) 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:

Witness:

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 90days 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.

Guidelines for Construction Sites for COVID-19 Outbreak

1. All the Guidelines/instructions regarding measures Procedures for containment of Covid-19 issued from time to time by Ministry of Home Affairs / Ministry of Health and Kerala Government are to be strictly adhered to.
2. Standard Operating Procedures (SOPs) and guidelines for construction site for Covid-19 outbreak issued by CPWD from time to time should be strictly adhered to. Some of the conditions included in the SOP are:-
 - a. Thermal Scanning of everyone entering and existing a construction site will be done for fever with thermal scanners. If anyone leaves and re-enters the site during the shift, re-screening of the individual will be done prior to re-entry into the work site.
 - b. PPE and other material requirement shall be issued by the contractor.
 - c. Provision for hand wash & sanitizer (touch free recommended) will be made at all entry and exit points and common areas (including at distant locations like higher floors). Everyone will be required to wash & sanitize his/her hands before entering the site and using PPEs. Same procedure to be followed after removing PPEs and exiting the premise. Sufficient quantities of all the items should be available at the site.
 - d. Mandatory use of PPEs (face mask, hand gloves and other as applicable) by everyone entering the premise. Re-usable PPEs should be thoroughly cleaned and should not be shared with others.
 - e. Entire construction site including site office, labour camp, canteens, pathways, toilets, and entry/exit gates will be disinfected on daily basis. Housekeeping team should be provided with necessary PPEs.
 - f. There will be strict ban on Gutka, Tambaku, Paan etc. on site and spitting shall be strictly prohibited.
 - g. A doctor will be present periodically (at least once a week) at site on allotted time for any medical assistance.
 - h. Hospital/clinics in the nearby area, which are authorized to treat COVID-19 patients, should identified and list should be available at site all the time.
 - i. An isolation room shall be created at site.

PART -C

SCHEDULE OF QUANTITIES

&

FINANCIAL QUOTE SHEET

SCHEDULE OF QUANTITIES					
Name of Work: Laying of paver block and drain slabs behind Type V quarters of Special Bureau Campus, Kathrikadavu, Kochi.					
Sl No	Description	Qty	Unit	Rate	Amount
1	Road Work				
1.1	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of stone aggregates of nominal size 06 mm , filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	85.00	Sqm	₹ 1,274.47	₹ 108,330.00
1.2	Providing and placing in position 100 mm thick factory made machine batched & machine mixed Precast RCC Rectangular Covers on drains of footpath of various sizes, of M-25 grade cement concrete for RCC work, including cost of centering, shuttering, reinforcement of 8 mm dia TMT bars of Fe 500 grade @ maximum 100mm c/c on both ways , neat cement punning on finished surface, properly encased on all edges with 1.6 mm thick , 100 mm wide MS sheet duly painted over priming coat , reinforcement to be welded at edges with MS sheet and providing 2 Nos. 12 mm dia bar for hooks etc i/c cost of cartage, all leads & lift, handling at site etc. all complete as per direction of Engineer-in-Charge.	15.00	Sqm	₹ 4,048.30	₹ 60,724.00
2	Drainage Works				
2.1	Raising manhole cover and frame slab to required level including dismantling existing slab and making good the damage as required (Raising depth of manhole to be paid separately) :				
2.1.1	Rectangular manhole 90x80 cm with rectangular cover 600x450 mm of grade LD - 2.5	4.00	each	₹ 3,448.73	₹ 13,795.00
3	NSR Works				
3.1	Supplying & laying of weed control membrane of approved make in widths not less than 2m, including a minimum overlap of 150mm at each joints as directed by Engineer in charge. (plan area will be measured for payment excluding overlaps)	85.00	Sqm	₹ 86.40	₹ 7,344.00
	Total				₹ 190,193.00

Correction -NIL

Insertion – NIL

AE - III.....

Deletion = NIL

N.I.T. No: 23/2026-27/CHCD/COCHIN/III

Name of work:- Laying of paver block and drain slabs behind Type V quarters of Special Bureau Campus, Kathrikadavu, Kochi.

PERCENTAGE RATE SCHEDULE

Name of the Contractor					
Sl.No.	Name of component	Estimated cost	Percentage above or below the estimated cost	% in Figures	Total Cost
	Total Amount	1,90,193			-
	Grand Total	1,90,193			-

CONTRACTOR(S)

ASSISTANT ENGINEER III

Correction -NIL

Insertion – NIL

Deletion = NIL

AE - III.....