

भारतसरकार
GOVERNMENT OF INDIA
केन्द्रीयलोकनिर्माणविभाग
CENTRAL PUBLIC WORKS DEPARTMENT

NIT

Name of Work: Construction of One Number Volley ball court, Basket ball court and play ground for P.M Shri. Kendriya Vidyalaya, Ramavarmapuram, Thrissur .

Estimate cost: Rs.90,31,919 /-

ABSTRACT OF COST

Name of Work : Construction of One Number Volley ball court, Basket ball court and play ground for P.M Shri. Kendriya Vidyalaya, Ramavarmapuram, Thrissur .

Sl No.	Details of Sub-Head	Amount
1.	Civil Portion	Rs.90,31,919/-

Assistant Engineer (P)

NIT containing 51 pages as per Index, amounting to Rs.90,31,919 /-(Ninety Lakhs Thirty One Thousand Nine hundred and Nineteen) only is hereby approved.

Executive Engineer
CPWD, Trichur

GENERAL INDEX

Name of Work: Construction of One Number Volley ball court, Basket ball court and play ground for P.M Shri. Kendriya Vidyalaya, Ramavarmapuram, Thrissur .

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Executive Engineer
CPWD, Trichur

PART –A

INFORMATIONS AND INSTRUCTIONS FOR
CONTRACTORS FOR e TENDERING,
CPWD 6 & 7, PERFORMANCE SECURITY,
AND EMD BANK GUARANTEE BOND.

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEB SITE

(Applicable for inviting open tenders)

The Executive Engineer(Civil), CPWD, Trichur on behalf of the President of India invites online Percentage rate bids from approved and eligible contractors of CPWD under buildings & Roads category of Class IV & 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	Period of Completion	Last date & time of online submission of bid, copy of receipt for deposition of original EMD and other documents as specified in the bid document	Date &Time of opening of bid.
1	2	3	4	5	6	7	8
1	15/NIT/EE-TCR/2026-27	**Construction of One Number Volley ball court, Basket ball court and play ground for P.M Shri. Kendriya Vidyalaya, Ramavarmapuram, Thrissur .**	**Rs. 90,31,919/-**	**Rs.1,80,639/-**	**06 Months**	10.11.2026 Up to 15.00 Hrs	10.11.2026 After 15.30 Hrs

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

2. Information and Instructions for bidders will form part of NIT and to be uploaded on https://etender.cpwd.gov.in website.

3. The bid document consisting of plans, specifications, the schedules of quantities of various types of items to be executed and 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 (The EMD document shall only be issued from the place in which the office of receiving division office is situated) and uploading the mandatory scanned documents such as Insurance Surety Bond, Account Payee Demand Draft, Fixed Deposit Receipt, Bankers Cheque or Bank Guarantee(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.

A part of earnest money (EMD) is acceptable in the form of bank guarantee also. In such cases, 50% of earnest money or Rs. 20 Lakh whichever is less, will have to be deposited in shape prescribed above and balance can be accepted in form of Bank Guarantee of any Commercial bank. The bank guarantee submitted as a part of Earnest Money shall be valid for a period of six months or more from the last date of submission of bid.

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

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

7. On the 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 JPG format and PDF format..Bidder should ensure that the document uploaded is legible and full documents page is properly scanned.

9. Contractor must ensure to quote the percentage rate in the prescribed column(s) meant for quoting rate in figures 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 quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

10. Quoted price shall be inclusive of GST and all the Statutory status.

11. If the contractor is found ineligible after opening of bids, his bid shall become invalid.

12. If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and the hard copies as submitted by the lowest bidder, the bid shall become invalid.

Correction : NIL
Insertion : NIL
Deletion : NIL

AE(P) EE

1. LIST OF DOCUMENTS TO BE SCANNED AND UPLOADED WITHIN THE PERIOD OF BID SUBMISSION:

1.1 EMD in the form of Insurance Surety Bond, Account Payee Demand Draft, Fixed Deposit Receipt, Bankers Cheque or Bank Guarantee (as prescribed) from any of the Commercial Bank

1.2 Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD. (The EMD document shall be issued from the place in which the office of receiving division office is situated).

1.3 Enlistment Order of the Contractor **as per OM No. DG/Enlist.Rules-2026/Misc./01 dated 31.12.2025**

1.4 GST registration certificate of the State in which the works is to be taken up, if already obtained by the bidder.

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

"If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, within one 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".

1.5 Copy of PAN card of the bidder

1.6 Under taking for site inspection (intending bidder must upload undertaking that they have inspected and examined the site and its surrounding before submitting their bids.(at Page No. 11)

The bidder shall upload scanned copies of all the documents stipulated in the bid document. (Including GST Registration and copy of EMD Declaration uploaded as stipulated in the bid documents).

1.7 Copy of ERP Training Certificate issued through LMS (Learning Management System) module in ERP.

1.8 Undertaking on structural stability and soundness of already completed buildings and infrastructure projects. (Form F at Page No. 12)

Note: Notarized Affidavit shall be furnished on a Non - Judicial Stamp Paper of Rs. 200/- and stamp paper must be purchased on or after publishing of tender. Stamp paper purchased before publishing of tender shall be summarily rejected.

14.The above original documents of only the lowest bidder shall be submitted in the office of

Executive Engineer-Trichur, CPWD, Trichur within 7 days of opening bids.

Executive Engineer – Trichur
Mundassery memorial building
Chembukkavu, Trichur- 680020
Email- eetrcdcpwd@nic.in
Tel.No. - 0487-2323549

Correction : NIL
Insertion : NIL
Deletion : NIL

AE(P) EE

CPWD-6

GOVERNMENT OF INDIA

CENTRAL PUBLIC WORKS DEPARTMENT
NOTICE INVITING TENDER

Online Percentage rate bids are invited on behalf of the President of India from approved and eligible contractors of CPWD under buildings & Roads category of Class IV & above **as per OM No. DG/Enlist.Rules-2026/Misc./01 dated 31.12.2025** for the following work:

Construction of One Number Volley ball court, Basket ball court and play ground for P.M Shri. Kendriya Vidyalaya, Ramavarmapuram, Thrissur . The enlistment of the contractor should 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.

1.1 **The work is estimated to cost : Rs.90,31,919/-**
This cost, however, is given merely as a rough guide.

1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids.

For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.

2. Agreement shall be drawn with the successful bidders on Form No. CPWD 7 ~~or other Standard Form as mentioned,~~ which is available as a Govt. of India Publication and also available on website "www.cpwd.gov.in". Bidders shall quote their percentage 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 06 Months from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.**

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

(ii) The Architectural drawings for the work are available.

(iii) The structural drawings shall be made available by the department in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of the work.

5. The bid document consisting of plans, specifications, the schedules of quantities of various types of items to be executed and set of terms and conditions of the contract to be complied with and other necessary documents except standard general conditions of contract form can be seen on website https://etender.cpwd.gov.in or www.cpwd.gov.in free of cost

6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.

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

8. Earnest Money in the form of Insurance Surety Bond, Account Payee Demand Draft, Fixed Deposit Receipt, Bankers Cheque or Bank Guarantee(as prescribed) from any of the

Commercial Bank (drawn in favour of Executive Engineer, CPWD, Trichur) 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 (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

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 from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

The earnest money given by the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or immediately after the acceptance of the successful bidder, whichever is earlier. However in case two/three bid system, earnest money deposit if bidders unsuccessful during technical bid evaluation etc,should be returned within 6 Months of declaration of result of technical bid evaluation.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the press notice 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 in press notice shall have to be submitted by the lowest bidder only along with physical EMD of the scanned copy of EMD uploaded within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.

Copy of Enlistment Order and other documents as specified in the notice inviting tender 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 shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority.

The bid submitted shall be opened after **15.30 Hrs on 10.11.2026**

9. The bid submitted shall become invalid and e-tender processing fee shall not be refunded if:

(i) The bidder is found ineligible.

(ii) The bidder does not upload all the documents as stipulated in the bid document.

(iii) The bidder hide facts and furnish false information, details and certificates

and has not furnished the certified performance of work as per NIT condition.

(iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

10 The contractor whose bid is accepted, will be required to furnish performance guarantee at specified percentage of the bid amount as mentioned in Schedule E and within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bond, Account

Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee(as prescribed) from any of the Commercial Bank.

In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the sub contractors, if any engaged by the contractor for the said work within the period specified in Schedule F

11 The description of the work is as follows

Construction of One Number Volley ball court, Basket ball court and play ground for P.M Shri. Kendriya Vidyalaya, Ramavarmapuram, Thrissur . 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 shall be allowed. The bidders shall be responsible for arranging and maintaining at their 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 assigning of any reason. All bids in which any of the prescribed conditions is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.

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

15 The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rates quoted.

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.

16. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity

between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

17. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

18 The bid for the works shall remain open for acceptance for a period of thirty (30) days from the date of opening of bids. Further

(i) If any bidder withdraws his bid or make any modification in the terms &conditions of the tender which is no acceptable to the department within 7 days after the 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 bidder withdraws his bid or make any modification in the terms &conditions of the tender which is no acceptable to the department after expiry of 7 days after the 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 ,te bidders shall not be allowed to participate in the rebidding process of the same work.

19 This notice inviting Bids 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 additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

b. Standard C.P.W.D. Form 7 modified and corrected up to last date of receipt of Bid/tender.

20. **For Composite Bids**

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

Correction : NIL
Insertion : NIL
Deletion : NIL AE(P) EE

20.1.2. The bid document will include following three components:

Part A:- CPWD-6, CPWD-7/8 including schedule A to F for the major component of the work, Standard General Conditions of Contract for CPWD 2020 as amended/ modified up to last date of submission of bids.

Part B:- General / specific conditions, specifications and schedule of quantities applicable to major component of the work.

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

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

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

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

EE of major component will operate Part A and Part B of the agreement. EE/DDH in-charge of minor component(s) shall operate Part C along with Part A of the agreement.

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

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

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

20.1.9 In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer-in-charge of relevant specialized component(s). The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer-in-charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.

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

20.1.11 Running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer-in-

charge of the discipline of minor component directly to the main contractor. The CMB shall be maintained independently by Engineer–in-charge of Major and Minor components.

In case main contractor fails to make payment to the contractor associated by him within 15 days of receipt of each Running Account payment, then on the written complaint of contractor associated for such minor component, EE in charge of minor component shall serve the show cause to the main contractor and after considering the reply of the same he may make the payment directly to the contractor associated for minor component as per the terms and condition of the Mou drawn between main contractor and associated contractor fixed by him, if reply of the main contractor either not received or found un satisfactory. Such payment made to the associate contractor shall be recovered by EE of major or minor component from the next Running Account/Final bill due to the main contractor as the case may be.

20.1.12A. The composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by Engineer-in-charge of major component after record of completion certificate of all other components.

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

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

22. Specialized works shall be got executed only through associated agencies specialized in these fields. Engineer-in-charge shall define list of specialized work.

Executive Engineer - Trichur
CPWD, Trichur

Correction : NIL
Insertion : NIL
Deletion : NIL

AE(P) EE

Receipt of deposition of original EMD

(Receipt No. …….…….. / date ……..……)

1. Name of work **: Construction of One Number Volley ball court, Basket ball court and play ground for P.M Shri. Kendriya Vidyalaya, Ramavarmapuram, Thrissur .**

2. NIT No. 15/NIT/EE-TCR/2026-27

3. Estimated cost : **Rs. 90,31,919/-**

4. Amount of Earnest Money Deposit : Rs.1,80,639/-

. Last date of submission of bid 15.00 Hrs on 10.11.2026

(*To be filled by Tender inviting authority~~/NIT approving authority~~ at the time of issue of NIT and uploaded along with NIT)

1. Name of Contractor ……#

2. Form of EMD ……#

3. Amount of Earnest Money Deposit …….. #

4. Date of submission of EMD …….. #

Signature, Name and Designation of EMD

receiving officer along with Office stamp

Correction : NIL
Insertion : NIL
Deletion : NIL

AE(P) EE

DECLARATION ABOUT SITE INSPECTION

To,

The Executive Engineer -Trichur

Central PWD, Trichur,

Mundassery Memorial Building,

Chembukavu, Thrissur.

Sub: **NIT No:** 15/NIT/EE-TCR/2026-27 **Construction of One Number Volley ball court, Basket ball court and play ground for P.M Shri. Kendriya Vidyalaya, Ramavarmapuram, Thrissur .**

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 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)

Correction : NIL
Insertion : NIL
Deletion : NIL

AE(P) EE

(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 Executive Engineer,

CPWD, Trichur.

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.

l/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.

l/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).

Correction : NIL
Insertion : NIL
Deletion : NIL

AE(P) EE

CPWD –7

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

Percentage Rate Tender & Contract for Works

Tender for the work of **Construction of One Number Volley ball court, Basket ball court and play ground for P.M Shri. Kendriya Vidyalaya, Ramavarmapuram, Thrissur .**

To be uploaded by **15.00** hours on **10.11.2026** https://etender.cpwd.gov.in. To be opened in presence of tenderers who may be present at 15.30 hours on **10.11.2026** in the office of the **Executive Engineer – Trichur, CPWD, Trichur**

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, particular specifications, Schedule of Rates & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

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

I/We agree to keep the tender open for 30 (Thirty) days from the due date of its opening ~~in case of single bid system ,75 (Seventy five) days from the date of opening of technical bid in case tenders are invited on 2 /3 bid/ system for specialised work~~ and not to make any modification in its terms and conditions.

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

A copy of earnest money deposit receipt of prescribed amount deposited in the form of Insurance Surety Bond, Account Payee Demand Draft, Fixed Deposit Receipt, Bankers Cheque or Bank Guarantee(as prescribed) issued by any of the Commercial Bank is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance 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.

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

Correction : NIL
Insertion : NIL
Deletion : NIL AE(P) EE

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 & integrity of the State.

Dated: Signature of Contractor
Witness: Postal Address
Address:
Occupation:

Correction : NIL
Insertion : NIL
Deletion : NIL AE(P) EE

ACCEPTANCE

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

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

(a)
(b)
(c)

For & on behalf of President of India
Signature ……
Dated: Designation ……..

Correction : NIL
Insertion : NIL
Deletion : NIL AE(P) EE

PROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of Quantities	See part C of the NIT
Estimated Cost Put to Tender	**Rs. 90,31,919/-**

SCHEDULE 'D'

Extra schedule for specific requirements / documents for the work, if any	**NIL**
Additional & Special Conditions	**Pages from 24 to 36**
Guarantee Bonds	**Pages from 37 to 38**

SCHEDULE ' E

Reference to General Conditions of contract	:	**CPWD General Conditions of Contract 2023- Construction Works, Form 7 as modified & corrected upto previous day of the last date of submission of the tender**
Name of Work		**Construction of One Number Volley ball court, Basket ball court and play ground for P.M Shri. Kendriya Vidyalaya, Ramavarmapuram, Thrissur .**
Estimated Cost Put to Tender	:	**Rs. 90,31,919/-**
(i) Earnest money	:	**Rs.1,80,639/ -(**To be returned after receiving Performance Guarantee).
(ii) Performance Guarantee	:	a) 5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher). b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.
(iii) Security Deposits	:	2.5%of tendered / accepted value.

Correction : NIL
Insertion : NIL
Deletion : NIL

AE(P) EE

SCHEDULE ' F'

General Rules & Directions

Officer inviting tender	:	Executive Engineer -Trichur,CPWD, Mundassery Memorial Building, Chembukkavu, Trichur-680020.
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3	:	See below under Clause 12.

Definitions:

2(i) Engineer-in-Charge	:	Executive Engineer -Trichur, CPWD, Trichur-680 020
2(ii) Accepting Authority	:	Executive Engineer -Trichur, CPWD, Trichur
2(iii) Percentage on cost of materials and labour to cover all overheads and profits.	:	15%
2(iv) 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(v) Department	:	Central Public Works Department.
3 Standard CPWD contract Form GCC 2023, CPWD-7 as modified & corrected up to	:	**CPWD General Conditions of Contract 2023- Construction 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 allowable extension with late fee at 0.1% per day of performance Guarantee amount beyond the period as provided in (i) above	**:**	**3 (Three) days.**

Correction : NIL
Insertion : NIL
Deletion : NIL

AE(P) EE

Clause 2

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

Clause 2 A

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 stones(s) as per table given below:-

S.No.	Description of Milestone (Physical)	Time Allowed in Days (from date of start)	Amount to be with-held in case of non achievement of mile stone
1	All Earthwork excavation works	60 days	1.25% of Tendered value of the work
2	All concrete works	120 Days	1.25% of Tendered value of the work
3	All flooring works	150 Days	1.25% of Tendered value of the work
4	Remaining works, finishing works and handing over	180 Days	1.25% of Tendered value of the work

Time Period allowed for execution of Work	:	**06 (Six) Months**
(i) Authority to convey the decision of shifting of milestone and extension of time	:	**Executive Engineer – Trichur, CPWD, Trichur – 680 020.**
(ii) Authority to decide rescheduling of milestone and extension of time	:	**Superintending Engineer – Cochin, CPWD, Cochin**
(iii) Shifting of date of start in case of delayin handing over of site	:	**Superintending Engineer – Cochin, CPWD, Cochin**

Correction : NIL
Insertion : NIL
Deletion : NIL

AE(P) EE

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 Hindrances	:	**1.** The contractor has to first register himself through a registration form, available on CPWD website under '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 JEs/AEs 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 JEs/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."

Clause 5.4

Recovery per day for delay in submission of revised programme	:	**Rs. 200/- per each day**

Clause 6

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

Correction : NIL
Insertion : NIL
Deletion : NIL

AE(P) EE

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 15.05 Lakhs** **(Rupees Fifteen point Zero five only)**

Clause 7A

Whether clause 7A shall be applicable:	:	Yes.

Clause 8A

Authority to decide compensation on account if Contractor fails to submit completion plan.	:	**Executive Engineer -Trichur, CPWD, Trichur**

Clause 10A

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

Clause 10 B (ii)

Whether clause 10-B (ii) shall be applicable	:	No

Clause 10C

Component of Labour expressed as percent of value of work.	:	25% 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 upto previous day of the last date of submission of the tender**

Correction : NIL
Insertion : NIL
Deletion : NIL

AE(P) EE

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

Type of Work **:** Construction works

Clause 12.2(c) **Deviation limit beyond which Clauses 12.2 (c) shall apply for building work**	:	100% (Hundred Percent)
(i) Deviation limit beyond which Clauses 12.2 (c) shall apply for foundation work (except items mentioned in earth work subhead in DSR and related items)	:	100% (Hundred Percent)
ii) Deviation limit for items mentioned in earth work subhead of DSR and related items	:	100% (Hundred Percent)

Clause 16

Competent authority for deciding the reduced rates	:	Superintending Engineer, CPWD, Cochin or or any competent authority as designated by CPWD

Clause18

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

Clause 19

Clause 19C	**Executive Engineer -Trichur, CPWD, Trichur**
Clause 19D	
Clause 19G	
Clause 19 K	

Clause 25

Conciliator for settlement of Disputes	Additional Director General, Region Kochi, CPWD or his success or thereof.
Arbitrator Appointment Authority	Superintending Engineer, CPWD, Cochin or his Success or thereof
Place of Arbitration	Thrissur, Kerala

Correction : NIL
Insertion : NIL
Deletion : NIL AE(P) EE

Clause 32

Requirement of Technical Representative(s) and recovery Rate

Sl. No.	Requirement of Technical Staff		Minimum experience (Years)	Designation of technical staff	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 32
	Qualification	Number (of Major/ Minor Component)			
1	Graduate Engineer Or Diploma Engineer	(Civil) 1	2 or 5 respectively	Project Manager/ Planning / quality /site/ billing Engineer	Rs.15,000/- per month per person.

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

Diploma holder with minimum 10 year relevant experience with a reputed Maintenance company can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

Clause 38 –

(a)	Schedule / statement for determining theoretical quantity of cement & bitumen on the basis of DSR 2023as modified & corrected upto 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 Rs. 25 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**

Correction : NIL
Insertion : NIL
Deletion : NIL

AE(P) EE

Clause-41

The security deposit of the work shall be refunded if no labour complaint has been received from the labour officer till the due date of its payment. If a labour complaint is received during this period, the Engineer-in-charge shall, after issue of notice in this regard to the contractor, deduct the amount required to settle the complaint from his security deposit and refund the balance amount.

Correction : NIL
Insertion : NIL
Deletion : NIL AE(P) EE

PART – B

MAJOR COMPONENT - (CIVIL)

(GENERAL CONDITIONS SPECIAL CONDITIONS, PARTICULAR SPECIFICATIONS, PERFORMA FOR PG/EMD,

SPECIAL CONDITIONS FOR ALL WORKS

1. The work is to be carried out at P.M SHRI KV Ramavarmapuram Thrissur.

2. The contractor shall execute the whole work in the most substantial and workman like manner in strict accordance with the specifications, approved design, drawings, particular specifications, special conditions, additional conditions and instructions of the Engineer-in-Charge.

3. 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, weather condition at site, the extent of leads and lifts involved in execution of work etc., which may affect or influence the tenders.

4. The contractor shall at his own expense and risk arrange land for accommodation of labour. However, reasonable quantum of the departmental land to the extent available may be allowed to be used for setting up of office, storage of materials, erection of temporary workshops, 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 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.

5. However in the instant case there is no sufficient space available for the labour sheds to shelter the labours for this work. Hence the bidder shall make his own arrangements of space for accommodating labours for their stay outside the campus at his own cost. Nothing extra shall be entertained on this account.

6. Labour huts at site will not be allowed.

7. 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.

8. All setting out activities concerning establishment of bench marks, instrument stations, 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.

9. 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.

10. 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.

11. 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.

12. 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) Warranty obligation for the equipments 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.

13. 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.

14. 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 centring, 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.

15. 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.

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.

18. 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.

19. 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.

20. The Contractor(s) shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night and other suitable measures. 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.

21. 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 if any discrepancy, the same is to be brought to the notice of the Department before execution and no claim whatsoever shall be entertained for discrepancies in the drawings.

22. 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 and nothing extra shall be paid on this account.

1.	IS3696	Part I Safety Code for scaffolds and ladders.
2.	IS3696	Part II Safety Code for scaffolds and ladders Part III adders.
3.	IS764	Safety Code for excavation work.
4.	IS4138	Safety Code for working in compressed air.
5.	IS7293	Safety Code for working with construction machinery
6.	IS7969	Safety Code for storage and handling for building materials
7.	IS4130	Safety Code for demolition of buildings

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.

24. 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.

25. 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.

26. If ISI marked products are available, the contractor shall use only ISI marked products. In other cases, the materials shall conform to CPWD specifications. In case a materials/product is neither covered by ISI nor by CPWD specification, the work shall be carried out as per sound engineering practice, in such case, the decisions of the Engineer-in-charge shall be final & binding. In such cases Engineer-in-charge shall satisfy himself about the quality of such materials and give his approval in writing. Only articles classified as first quality by the manufacturers shall be used, unless otherwise specified. All materials shall be tested as per relevant ISI specifications/CPWD Specifications. In all cases of use of ISI marked materials, proper proof of procurement of materials from authentic manufacturers shall be provided by the contractor to the entire satisfaction of Engineer-in-charge.

27. In case of construction joints, the cost of applying cement slurry over the concrete surface before fresh concrete is laid included in the relevant items of the schedule of quantities and nothing extra shall be paid on this account.

28. Water supply pipelines 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 pipeline 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.

29. 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.

30. 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 staircases shall be decided by the Engineer-in-Charge. Nothing extra is payable on this account.

31. Granite slabs for risers and treads of steps, wherever 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.

Granite slabs used for treads of steps shall be provided with three machine cut grooves of size 3mm wide x 2mm deep, at 25 mm centre to centre near the nosing of the steps. Nothing

extra is payable on this account.

32. 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.

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. There 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. Nothing extra will be paid for centering, shuttering, reinforcement and RCC work for sloped slabs and beams, unless otherwise specified in the item elsewhere.

37. Steel bars shall be stored about 30 to 45 cm above ground and where the storage is for more than 2 months, a coat of cement wash shall be given to the bars. Nothing extra shall be paid towards cost of application of cement wash.

38. 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.

39. The contractor shall give ten 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.

40. Concrete mixers to be used on the work shall have arrangement for weighing water and controlling water cement ratio.

41. Other agencies doing works related with this project will also simultaneously execute the works and the contractor shall make necessary adjustment for the same.

42. The work shall be executed in such way that no portion of the building or its fixtures are damaged. If any damages are done to the existing building it will be made good by the contractor at his own cost and no claim what so ever will be entertained on this account.

43. In case of any difference in the Hindi version and English version in any of the condition of contract, English version shall prevail.

44. 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.

45. It is the responsibility of the contractor to obtain necessary no objection certificate, wherever required for approval of drawings, Building construction Permit from local bodies, water supply, sanitary connection, electricity connection, completion certificate, occupation certificate, clearance from fire department etc. from Central Govt./ State Govt./ Development Authority / Municipal Corporation / GramaPanchayath / Local Bodies or any other organization as applicable.

Nothing extra shall be paid to the contractor for obtaining such sanctions / approval/ clearance from the above bodies. However, necessary requisition and letters required in this regard shall be given by the Department. The required fees and other statutory deposits as may be prescribed by the above bodies shall be borne by the Department.

46. On completion of work, the contractor shall submit at his own cost four prints of "as built" drawings of the completed work to the Engineer-in-Charge. These drawings shall have the following information.

a) Run off of all piping and their diameters including soil, waste pipes and vertical stacks.
b) Ground and invert level of all drainage pipes together with locations of all manholes and connections, upto outfall.
c) Run off of all water supply lines with diameters, location of control valves, access, panels etc.

In case the contractor fails to supply "as built drawing" aforesaid within 30 days of the date of completion, then an amount of Rs.10 lakhs will be withheld from the contractor's final bill till submission of the same.

47. Quality Assurance

i. The proposed work is a prestigious work 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 Structural Steel work, Stainless Steel work, RCC works, Aluminium door and window work, painting work, 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, 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 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.

vii. 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.

viii. Water tanks, taps, sanitary, water supply and drainage pipes, fittings and accessories should conform to local bye-laws rules and specification of municipal / corporation, If CPWD Specifications are not available for the same. 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.

ix. **All expenditure to be incurred for testing of samples of all materials including Testing charges, packaging, sealing, transportation, loading, unloading etc. upto mandatory frequency of testing as per CPWD specification, BIS Codes/any other specification applicable shall be borne by the contractor. For any Testing over & above mandatory frequency given in CPWD specification/BIS Codes/other relevant specifications, the contractor shall be reimbursed testing charges only provided the Tests results are found passed.**

x. The CPWD shall provide architectural drawings based on the requirement, however the shop drawings and drawings required for minor details like grill, floor pattern,joineries etc. needs to be developed on his own by the successful bidder to the required standards and specifications of CPWD based on the architectural plans supplied by the Department. The changes/ additions/ alterations, if any intermittently required at any point of time by the clients during the course of execution shall also needs to be incorporated and all such drawings shall be followed in execution, only after approval of Engineer in charge. The successful bidder shall not have any claim of additional cost for developing these drawings as and when required for the successful completion of this work. However, the bidders shall read this carefully and note that all the service drawings for this work shall be without any extra cost.

48. Senior Officers of CPWD, Dignitaries from Central Ministry/Department and from ESIC, Palakkad shall be inspecting the on-going work at site at any time with or without prior intimation. The contractor shall, therefore, keep updated the following requirements and detailing.

a) Display Board showing detail of work, weekly progress achieved with respect to targets, reason of shortfall, status of manpower, wages being paid for different categories of workers.
b) Entrance and area surrounding to be kept clean.
c) Display layout plan key plan, Building drawings including plans, elevations and sections.
d) Display of up to date Bar chart, CPM and PERT Chart etc.
e) Keep details of quantities executed, balance quantities, deviations, possible Extra item, substituted Item etc.
f) Keep one set of plastic / cloth mounted building drawings.
g) Sets of Helmets and safety shoes for exclusive use for officers/dignitaries visiting at site.

49. The contractor shall not store/dump construction material or debris on metalled road.

50. The contractor shall get prior approval from Engineer-in-charge for the area where the construction material or debris can be stored beyond the metalled road, This area shall not cause any obstruction to the free flow of traffic/inconvenience to the pedestrians. It should be ensured by the contractor that no accidents occur on account of such permissible storage.

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

52. The contractor shall be responsible for behaviour and conduct of his worker. No worker with doubtful integrity or having a bad record shall be engaged by the contractor. Contractor shall remove any worker if his conduct found unsatisfactory on direction of Engineer-in-charge & arrange another capable worker in line of him.

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

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

55. The contractor shall comply all the preventive and protective environmental steps as stated in the MoEF guidelines, 2010 and amended up- to- date.

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

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

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

59. The contractor shall make arrangement for helmet and safety shoes (meant for construction works at site). For all field staff of the department, during the entire period of construction for safety reasons, one helmet and two pairs of shoes per staff member (maximum 10 members) of the department(s) per year shall be arranged by the contractor.

60. 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, Government of India, Kerala Government or any other statutory Authority are to be strictly adhered to.

61. The quoted rates shall be deemed to include cost of all measures for COVID control as per guidelines / SOPs / Statutory instructions of Government authorities from time to time and nothing extra shall be paid.

62. Nothing extra shall be paid for executing the work as per the above special conditions from serial No.1 to 61, Special conditions for cement and steel and the Particular specifications and any other provision in the NIT/Agreement.

63. Nothing extra shall be paid for executing the work as per the above special conditions from serial No.1 to 61, Special conditions for cement and steel and the Particular specifications and any other provision in the NIT/Agreement.

SPECIAL CONDITIONS FOR CEMENT & STEEL

1. CEMENT

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 ACC, Ultra Tech, Shree, Ambuja, JayPee, Zuari, JK, Ramco, Dalmia Cement, Chettinad Cement, Birla shakti Cement or from any other reputed cement Manufacturer having a production capacity not less than one million tonnes per annum as approved by the Additional Director General for that region.

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. 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 generally be brought at site in bulk supply of approximately 10 tonnes or more. Smaller lots may also be permitted by the Engineer-in-Charge according to exigencies of the work.

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 godown. The keys of one lock shall remain with Engineer-in-Charge or his authorized representative and keys of the other lock shall remain with the contractor. The contractor shall be responsible for the watch and ward and safety of the cement go-down. The contractor shall facilitate the inspection of the cement 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. All expenditure to be incurred for testing of samples of Cement including Testing charges, packaging, sealing, transportation, loading, unloading etc. upto mandatory frequency of testing as per CPWD specification, BIS Codes/any other specification applicable shall be borne by the contractor. For any Testing over & above mandatory frequency given in CPWD specification/BIS Codes/other relevant specifications, the contractor shall be reimbursed testing charges only provided the Tests results are found passed.

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 38 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 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

Special condition for steel reinforcement bars

The CPWD/ Contractor shall/ procure IS marked TMT bars of various grades from

(1) 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)

(2) (a) 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.

For production of liquid steel to finish product at single/multiple locations with NABL or any other similarly placed accrediting Government body which operates in accordance with ISO/IEC 17011 and accredits labs as per ISO/IEC 17025 conforming to IS:1786-2008 (Amendment-1 November 2012).

(3). 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.

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

(5) 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.

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

(7) For checking nominal mass, tensile strength, bend test, re-bend test etc. Specimens 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 above 100 tonnes
Under 10 mm dia bars	One Sample for each 25 tonnes or part there of	One Sample for each 40 tonnes or part there of
10 mm to 16 mm dia bars	One Sample for each 35 tonnes or part there of	One Sample for each 45 tonnes or part there of
Over 16 mm dia bars	One Sample for each 45 tonnes or part there of	One Sample for each 50 tonnes or part thereof

(8) The contractor shall supply free of charge the steel required for testing including its transportation to testing laboratories. All expenditure to be incurred for testing of samples of Steel including Testing charges, packaging, sealing, transportation, loading, unloading etc. upto mandatory frequency of testing as per CPWD specification, BIS Codes/any other specification applicable shall be borne by the contractor. For any Testing over & above mandatory frequency given in CPWD specification/BIS Codes/other relevant specifications, the contractor shall be reimbursed testing charges only provided the Tests results are found passed.

(9) The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in clause10 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.

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

(11) In case actual unit weight of the bars is less than standard unit weight, but within variation, in such cases weight of reinforcement shall be calculated on the basis of actual unit weight. If the actual weight is found more than the standard weight, the standard weight shall be taken for payment. Nothing extra shall be paid on this account.

The Contractor has to produce the original cash bills/GST invoices to the representative of the Engineer-in-charge as and when he brings the steel to the site

Form of Bank Guarantee for Earnest Money Deposit/Performance Guarantee/ Security Deposit

1 Whereas Executive Engineer, Trichur Division, CPWD, Trichur on behalf of the President of India (hereinafter called "The Government") has invited bids under 15/NIT/EE-TCR/2026-27 for the Work: **Construction of One Number Volley ball court, Basket ball court and play ground for P.M Shri. Kendriya Vidyalaya, Ramavarmapuram, Thrissur .**

The Government has further agreed to accept irrevocable Bank Guarantee for Rs. ……. (Rupees…….. …….Only) valid up to …….(date)…… as Performance Guarantee/ Security Deposit from the said Contractor for compliance of his obligations in accordance with terms and conditions of the agreement.

We, ……..(indicate the name of the Bank)……. (herein after referred to as "the Bank") do 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.

2. We, ……..……(indicate the name of the Bank)……, do hereby 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 recovery 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).

3. 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.

4. We, ……..……(indicate the name of the Bank)……, further agree that, the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions 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 whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

5. 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 not withstanding any security or other guarantee the Government may have in relation to the Contractors liabilities.

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

7. We, ……. (indicate the name of the Bank),undertake not to revoke this guarantee except with the previous consent of the Government in writing.

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

Date …….

WITNESSES :

1. Signature ..... Authorized Signatory :

Name and Address: Name :

Designation Staff Code No.

Bank Seal

2. Signature ……

Name and Address:

* Date to be worked out on the basis of validity period of 90 days from the date of submission of tender.

** In paragraph 1, strike out the portion not applicable. Bank Guarantee for performance guarantee/ security deposit, as the case may be.

List of Preferred brand / Manufacturer/ Make (Civil component)

NOTE: - 1) A List of Preferred Brand Names of Various Materials / Products are shown below for usage in execution of Work. However, approved equivalent material of any other Specialized Companies / Firms may also be used, in case it is established that the Brands Specified below are not available in the market or in other unavoidable circumstances and subject to Approval of the alternate Brand by the Engineer-In-charge. However, in case, the equivalent model so approved, is cheaper than the model already mentioned in item/approved makes list, the price adjustment will be made based on the difference in market rate. In case, the rate of subsequently approved model is more, no extra payment will be made on this account.

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

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

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

Sl. No.	Material Description	Brand	Makes *
1	Bitumen	Indian Oil	Indian Oil Corporation
		Bharat Petroleum	Bharat Petroleum
		Hindustan Petroleum	Hindustan Petroleum
2	Cement	Ambuja Cement	Ambuja Cements Ltd.
		ACC	ACC Cements Ltd
		Birla	Birla Corporation Ltd
		Century Cement	Birla Gold Cement
		Chettinad	Chettinad Cements Corporation Ltd
		Coromandal	India Cements Ltd.
		Dalmia	Dalmia Cement Bharat Ltd.
		Jaypee Cement	Jaypee Cement Ltd
		J.K. Cement	J.K. Cement Pvt. Ltd.
		Maha Cement	Myhome Industries Pvt. Ltd.
		Penna Cement	Penna Cement Industries Ltd.
		Ramco Cement	M/s Ramco Cement ltd.
		Shree Cement	Shree Cement
		Ultra Tech	Ultra Tech Cement Ltd
		Zuari	Zuari Cement Limited
		Nagarjuna Cement	M/s NCL Industries ltd., Secunderabad
		JSW	M/s JSW Cement Ltd., Mumbai
3	Cement Primer	Asian paints	Asian Paints
		Berger	Berger paints India Ltd.
		JK Primaxx	JK Cement Ltd
		SURFA	M/s Surfa Coats (India) Pvt., Ltd., Bangalore
4	Damp Proof material	ACCO Proof	ACC Cements Ltd
		Asian Paints smart care damp proof	Asian Paints Ltd.
		BASF	BASF India Ltd.
		CICO	CICO Industries
		Dr. Fixit	Pidilite Industries
		Duraseal	Apurva India Pvt. Ltd.
		Ferrous Crete	Ferrous Crete (India) Pvt. Ltd.
		Fosroc	Fosroc Chemicals India Pvt. Ltd.
		Impermo	Snowcem Paints
		MAPEI	MAPEI Construction Products India P Ltd
		MYK	MYK LATICRETE India Pvt. Ltd.
		PIDILITE	Pidilite Industries
		SIKA	Sika India Pvt. Ltd.
		Weather Coat Roof Guard	Berger Paints India Ltd.

Sl. No.	Material Description	Brand	Makes *
5	Epoxy	Ardex	Ardex Endura Ltd.
		Asian paints	Asian paints
		CICO Poxy	CICO Technologies Ltd.
		Ferrous Crete	Ferrous Crete (India) Pvt Ltd.
		Fosroc	Fosroc India
		Shalibons	Shalimar tar products
6	Epoxy Paint	Ardex Endura	Ardex Endura India Pvt. Ltd.
		Asian epoxy	Asian Paints
		Berger	Berger paints India Ltd.
		Nerolac	Nerolac
		Shalimar	Shalimar paints India Ltd.
		STP Ltd.	Shalimar Tar Products
		SUNANDA	M/s Sunanda Specialty coatings Pvt. Ltd., Mumbai
7	Expansion Joint Bitumen board	Dura Board HD100	Supreme Industries
		DURAFILL	Supreme Industries
		STP	Shalimar Tar Products
8	Interlocking Concrete Paver Blocks	Basant Betons	Basant Betons
		BHARAT (NILSON)	Bharat
		Dazzie	Dazzle Designer tiles Pvt Ltd
		Hindustan tiles	Hindustan tiles, Ranchi Pune
		NITCO (ROCKARD)	NITCO
		REGENCY	Regency
		Shree	Shree Bharat Paver blocks
		Ultra	Ultra tile private Ltd
		Vyara Tiles	VYARA Tiles Pvt. Ltd. / Surat
		CEMTECH	M/s Cemtech Tiles, Uppal, Hyderabad
		CAPITAL	CAPITAL
9	M.S. Pipe, Tubes	Apollo	Appolo Tubes Ltd.
		JINDAL	JSW
		Kalinga	Kalinga Tubes Ltd.
		SAIL	SAIL
		Surya	Surya Roshi Ltd.
		TISCO	TATA STEEL
10	Oil Bound Distemper	Berger (BISOM)	Berger Paints
		Dulux (Maxilite)	Dulux
		MG Polyplast	Nerolac
		Tractor Aqalock	Asian Paint
		SURFA	M/s Surfa Coats (India) Pvt., Ltd., Bangalore

Sl. No.	Material Description	Brand	Makes *
11	Premium Acrylic smooth exterior Paint with silicon additives	Berger	Berger
		Dulux	ICI dulux
		Nerolac	Nerolac
		ULTIMA	Asian paint
		SURFA	M/s Surfa Coats (India) Pvt., Ltd., Bangalore
12	PU Coating (UV resistant Liquid Applied coating)	BASF	BASF
		Fosroc	Fosroc India
		Pidilite	Pidilite industries
		PU Roof Koat	Berger Paints Ltd
		SIKA	SIKA India
		Smart care	Asian paints
13	PU Enamel Metalic Paints on MS Structure & Epoxy paints (Premium Quality)	Akzonobel	Akzonobel
		Asian paints	Asian paints
		Berger	Berger paints India Ltd.
		MRF	MRF paints
		SKK	SKK ltd
		SUNANDA	M/s Sunanda Specialty coatings Pvt. Ltd., Mumbai
14	Red Oxide Zinc Chromate primer	Berger	Berger Paints
		Dulex	ICI dulex
		High performance yellow metal primer	Asian Paint
		Nerolac	Nerolac
		Nippon	Nippon
		SURFA	M/s Surfa Coats (India) Pvt., Ltd., Bangalore
15	RMC plants (Ready Mix Concrete)	ACC	ACC Cements Ltd
		A B Dinesh	A B Dinesh Concrete India Pvt., Ltd.
		BEST	BEST READYMIX CONCRETE
		Lafarge	Lafarge India Pvt. Ltd.
		NUVOCO	Nuvoco Vistas Corporation Ltd.
		RB Ready Mix	RB Ready Mix
		RDC	RDC Concrete (India) Pvt.Ltd.
		RMC (India)	RMC (India) Pvt. Ltd.
		Ultra Tech	Ultra Tech Cement Ltd
		Neptune	Neptune Readymix Concrete
			Pvt. Ltd.
		JK Concrete	M/s JK Ready Mix concrete, Visakhapatnam

Sl. No.	Material Description	Brand	
16	Stainless Steel	Ark Product Pvt. Ltd.	Ark Product Pvt. Ltd.
		Connect	Connect Ltd.
		Jindal	JSW
		KINGSTON	KINGSTON
		Salem	SAIL
		SAIL	SAIL
		DEC (Stainless steel pipes*)	M/s DEC Industries Pvt., Ltd, Hyderabad
		*with emboss /mark “RM by JINDAL”	
17	Structural Steel	APL	Apollo Tubes Ltd
		JSPL	JSPL
		JSW	JSW
		SAIL	SAIL
		TISCO	TATA STEEL
		VIZAG	RINL
18	Structural sealant	Asian paints	Smart care sealant
		BASF	BASF India Ltd.
		Dow corning	Dow corning india
		Fosroc	Fosroc India
		GE	GE silicones
		STP Ltd.	Shalimar tar products
		Wacker	Wacker silicones
19	Synthetic enamel Paint	Berger	Berger Paints
		Dulex	ICI dulex Ltd
		Premium gloss enamel	Asian paint Ltd
		Nerolac	Nerolac Paints Ltd

		Nippon	Nippon Paint India Ltd.
		SURFA	M/s Surfa Coats (India) Pvt. Ltd., Bangalore
20	TMT Bars/ Low Alloy steel reinforcement bars	JSW	JSW Steel Ltd.
		SAIL	Steel Authority of India Ltd.
		TISCO	TATA STEEL LTD.
		VIZAG	Rastriya Inspat Nigam Ltd.
		JSPL	Jindal Steel & Power Ltd.,
21	Water Proof cement paint	Asian exterior wall primer	Asian paint
		Berger	Bergar Paints
		Cem Colour	Snowcem Paints
		ICI DULUX	ICI DULUX
		Surfa	Surfacoats (India) Pvt. Ltd.
22	Weather silicon make and grade	Down corning	Down corning india
		Momentive (GE)	GE silicones
23	White Cement	Birla	Birla Corporation Ltd.
		J.K.	JK Cement Ltd.
		Travancore	Travancore Cements Ltd.
24	RCC Pipes	Indian Hume Pipes	Indian Hume Pipe Ltd.,
		Jain & Co	Jain spun pipes Co.,
		Lakahmi Sood & Sood	Lakshmi Sood & Sood Pipa Co.
		Madurai spun pipe	Madura spun pipe company
		Vishnu	Vishnu Spun Pipes.
		DEC	M/s DEC Industries Pvt. Ltd., Hyderabad

Note:

The Makes / Brands for the materials approved at a later date in addition to above list by the competent authority during the progress of work can also be used.

If any new brands of material which are in the approved list and not time tested previously shall be got tested by the Engineer-in-charge personally from the approved reputed laboratories before allowing such products using in the work. The testing charges shall be borne by the agencies only

PART –C

(SCHEDULE OF QUANTITIES AND TEMPLATE FOR QUOTING THE RATES)

SCHEDULE OF QUANTITIES					
N/W:	Construction of One Number Volley ball court, Basket ball court and play ground for P.M Shri. Kendriya Vidyalaya, Ramavarmapuram, Thrissur .				
Sl. No.	**Description**	**Qty**	**Unit**	**Rate**	**Amount**
1	**EARTH WORK**				
1.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
1.1.1	All kinds of soil.	14.00	cum	344.45	4822.00
1.2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lift.	5.00	cum	259.35	1297.00
1.3	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.				
1.3.1	Beyond 30 cm girth upto and including 60 cm girth	12	each	704.45	8453.00
1.3.2	Beyond 60 cm girth upto and including 120 cm girth	12	each	3140.80	37690.00
2	**CEMENT CONCRETE (CAST IN SITU)**				
2.1	Providing and laying in position excluding cement concrete of level: specified grade the cost of centering and shuttering - All work up to plinth				
2.1.1	1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	90.00	cum	8625.95	776336.00
2.2	Centering and shuttering including strutting, propping etc. and removal of form work for:				
2.2.1	Foundations, footings, bases for columns	45.00	sqm	518.90	23351.00

Sl. No.	Description	Qty	Unit	Rate	Amount
3	**REINFORCED CEMENT CONCRETE**				
3.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				
3.1.1	1:1.5:3(1 cement: 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	2.00	cum	11970.05	23940.00
3.2	Centering and shuttering including strutting, propping etc. and removal of form for				
3.2.1	Foundations, footings, bases of columns, etc. for mass concrete	10.00	sqm	518.90	5189.00
3.3	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
3.3.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	80.00	kg	142.70	11416.00
4	**MASONRY WORK**				
4.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
4.1.1	Cement mortar 1:6(1 cement :6 coarse sand)	15.00	cum	9437.95	141569.00
5	**STEEL WORK**				
5.1	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	350.00	kg	155.30	54355.00
5.2	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete	40.00	sqm	1016.60	40664.00
6	**FINISHING**				
6.1	12 mm cement plaster of mix:				
6.1.1	1:4(1 cement: 4 fine sand)	100.00	sqm	459.25	45925.00
6.2	15 mm cement plaster on the rough side of single or half brick wall of mix:				
6.2.1	1:4(1 cement: 4 fine sand)	230.00	sqm	528.60	121578.00

Sl. No.	Description	Qty	Unit	Rate	Amount
6.3	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:				
6.3.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	25	sqm	299.40	7485.00
7	**ROAD WORK**				
7.1	Supplying and filling at site good quality granular earth, suitable for filling brought from out side exluding rock and free from roots, vegetations, rubbish organic clays, organic silts, peats, chalks and dispersibale soils ect. In layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, breaking clods, rolling each layer with half tonne roller or wooden or steel rammers as per specification and roling every 3rd and top most layer with vibratory roller of minimum 8 tonnes capacity, levelling the top surface to required formation level , making good the undulations and as per the required slope including all leads, lifts, cutting clearing jungle, grass hedges, small trees, royalty and octroi taxes complete as per the required profile, specification and direction of the Engineer-in charge. (Quantity of filling shall be calculated by taking level of original ground before start of work after site clearance and after completion of the fill as specified and the quantity of filling so computed shall be reduced by 10% for voids to be arrived at the net quantity for payment)	1900.00	cum	1288.10	2447390.00
7.2	Providing and fixing pre-moulded joint filler in expansion joints of RCC roads / CC pavements after making the joints dust free with high pressure air jet cleaners, all complete as per direction of the Engineer-in-Charge. (Pre-moulded joint fillers shall be made of bitumen hot sealing compound impregnated fibre board having impregnation more than 35%, conforming to IS:1838 for fibre board and IS: 1834 for hot sealing bitumen compound grade A.)	900.00	per cm depth per cm width per metre length	7.00	6300.00

Sl. No.	Description	Qty	Unit	Rate	Amount
7.3	Providing and laying C.C. pavement of mix M-25 with ready mixed concrete from batching plant. The ready mixed concrete shall be laid and finished with screed board vibrator , vacuum dewatering process and finally finished by floating, brooming with wire brush etc. complete as per specifications and directions of Engineer-in-charge. (The panel shuttering work shall be paid for separately). (Note:- Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/ recoverable separately).	130.00	cum	12999.65	1689955.00
7.4	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achievethe desired density, complete as per specifications and directions of Engineer-in-Charge.	260	cum	3856.45	1002677.00
	LMR				
8.1	Providing and laying Polyurethane cushion court 8 coat system with pu primer, plus rubber binder, plus PU seal coat, plus pre-coat, plus 2 coats of PU top coats, plus line marking, plus PU clear coat etc. complete as per the instruction of Engineer in charge.	990.00	sqm	2034.90	2014551.00
8.2	Supplying and fixing a pair of volley ball posts fitted with net etc. complete as required for school court and as directed by the Engineer-in-Charge.	1.00	pair	44296.80	44297.00
8.3	Supplying and fitting Basket ball post L type fixed on floor with 18mm STD board with ring and net complete as per the direction of the Engineer-in-Charge.	1.00	pair	394518.60	394519.00

Sl. No.	Description	Qty	Unit	Rate	Amount
8.4	Providing and fixing UV Stabilized nylon sports mesh (36 ply) for boundary surrounding basket ball/volleyball court to be fixed on steel frame including all necessary fittins and fixtures all complete as per the direction of Engineer in charge	300	sqm	427.20	128160.00
	Total				9031919.00

CONTRACTOR(S) **EXECUTIVE ENGINEER**

Sl. No.	Description	Qty	Unit	Rate	Amount

Central Public Works Department

N.I.T. No:15/NIT/EE-TCR/2026-7

Name of work :Construction of One Number Volley ball court, Basket ball court and play ground for P.M Shri. Kendriya Vidyalaya, Ramavarmapuram, Thrissur .

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	9031919			-
	Grand Total	9031919			-
	1. The tenderer may note that the rates indicated in the above schedule are par rates. The tenderer is to quote a single consolidated percentage only at par/above/below to cover all the rates of all the items under the schedule.				
	2. The percentage shall be written both in words and figures to 2 (two) places of decimal.				
	3. In case of ambiguity in the percentage quoted by the tenderer in words or in figures, the percentage quoted in words will only be taken into consideration.				
	4. If the percentage quoted both in words and figures are not clear, or if the rate is not quoted in percentage, the offer will be treated as invalid.				
1. At par Rate shown in the schedule 2. Above the rate shown in the schedule 3. Below the rate shown in the schedule					
Contractor shall quote Percentage in Figures and upto two decimal only **If the quoted rate is @ estimate rate, enter 0.** **If the quoted rate is above the estimate cost, enter the percentage in figures (upto two decimel only) with plus sign. Eg. + 0.25%** **If the quoted rate is below the estimate cost , enter the percentage (upto two decimel only) with minus sign Eg. -0.25%**					
Contractor Percentage in Words					
Total Quoted Amount in figures:					
Total Quoted Amount in words Rs.					

Signature of contractor
Name
Date

Signature of Executive Engineer
Trichur
CPWD, Trichur