

Prime Ministers Museum and Library
Teen Murti House
New Delhi – 110011

NOTICE INVITING E-TENDER

INDEX

**Name of Work: Miscellaneous Repairing work in old project office, near Annex building
PMML teen Murti House New Delhi.**

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NIT No. PMML/76-15/2025-26 admin/Engg Rs.14, 72,127/- (Rupees fourteen lakh seventy two thousand one hundred twenty seven only having Pages No. (1 to 45) is hereby approved.

Director

**PMML Teen
Murti Campus
New Delhi**

NOTICE INVITING e-TENDERS

The **Director PMML Teen Murti Campus New Delhi**, invites the online **PERCENTAGE RATE** bids from approved and eligible contractors of CPWD in appropriate class for the following work (s): -

NIT No. **PMML76-15/2025-26/Admin /Engg**

Name of Work : **Miscellaneous repairing works in old project office near Annex building at PMML, Teen Murti New Delhi**

Estimated Cost :- **Rs.14,72,127/-**

Earnest Money :- **Rs.44,200/-**

Period of completion:- **30 days**

Last date and time of submission of tender 05/12/2025 by 5:30 PM (21 days issue of tender)

The tender forms and other details can be obtained from the website <https://www.pmml.nic.in> and <https://www.nmml.ewizard.in> and financial bids is to be submitted online through e-wizard portal.

Director

**PMML Teen
Murti Campus
New Delhi**

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GOVERNMENT OF INDIA
PRIME MINISTERS MUSEUM AND LIBRARY
NOTICE INVITING TENDER
FOR e-TENDERING

Percentage rate bids are invited on behalf of Director PMML from approved and eligible contractor's appropriate class for the following work

Name of Work: **Miscellaneous Repairing work in old project office, near Annex building teen Murti House New Delhi.**

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

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

1. The work is estimated to cost **Rs. 14,72,127** /-This estimate, however, is given merely as a rough guide.
2. Agreement shall be drawn with the successful bidders on prescribed (or other Standard Form as mentioned) which is available as a Govt. of India Publication available on website. **The tender forms and other details can be obtained from the website <https://www.pmml.nic.in> and <https://www.nmml.ewizard.in> and financial bids is to be submitted online through e-wizard portal.** Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be **30 Days** from the date of start as defined in schedule 'For from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
4. The site for the work shall be made available in parts/Full.
5. The bid document **consisting** of plans, specifications, the schedule 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 from website <https://www.pmml.nic.in> and <https://www.nmml.ewizard.in>.
6. After submission of the bid the bidder 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, bidder can revise the rate of one or more item(s) any number of times (hence need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted, then the bid submitted earlier shall become invalid.
9. Earnest Money in the form of insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (for balance amount as prescribed) from any of the commercial Banks drawn in favor of **Director, Prime Ministers Museum and Library**, shall be scanned and uploaded to the e-Tendering website within the period of bid submission.

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 lacs, 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 six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

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

Copy of Enlistment Order and certificate of work experience and other documents as specified in the press notice shall be scanned and uploaded to thee-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 and other documents scanned and uploaded are found in order.

- 9A. The contractors registered prior to 01.04.2015 shall have to deposit tender processing fee at existing rates, or they have option to switch over to the new registration system without tender processing fee any time.

The bid submitted shall be opened at 05/12/2025 at 11:00 AM

10. **The bid submitted shall be come invalid and e-Tender processing fee (applicable) shall not be refunded if:**
- (i) The bidder is found ineligible.
 - (ii) The bidder does not upload scanned copies of all the documents stipulated in the bid document.
 - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted **physically by the lowest bidder** in the office of bid opening authority.
 - (iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/sub-head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
11. The contractor whose bid is accepted will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in schedule E and within the period specified in Schedule F. This guarantee shall be in the form of insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy

of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. if applicable and also ensure the compliance of aforesaid provisions by the sub-contractors, if any engaged by the contractor for the said work within the period specified in Schedule F.

12. The description of the work is as follows:

Misc Repairing work in old project office, near Annex building Teen Murti house, New Delhi.

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 bids. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not, and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

13. The competent authority does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition, including that of conditional rebate is put forth by the bidders shall be summarily rejected.
14. Canvassing, whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable to rejection.
15. The competent authority reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
16. **The bid for the works shall remain open for acceptance for a period of Thirty (30) days from the date of opening of bid.** If any bidder withdraw his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the retendering process of the work.
17. This notice inviting bids shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of: -
 - a) The Notice Inviting bid, all the documents including 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 of together with any correspondence leading thereto.
- b) Standard C.P.W.D.Form-7 or other Standard C.P.W.D. Form as applicable.
- 20 Water charges @1% Labour Welfare cess @1%, Income Tax, Surcharge and GST as per applicable Govt. rule shall be deducted from the gross amount of the bill.
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 Engineer-in-charge. The e-tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.

Director

**PMML Teen
Murti Campus
New Delhi**

Form 'A'

RECEIPT OF DEPOSITION OF ORIGINAL EMD
(Receipt No.....Date.....)

Name of work :- **Miscellaneous Repairing works in
old Project Office near Annex
Building at PMML Teen Murti
house New Delhi**

NIT No. :- **PMML/76-15/2025-26/ admin/Engg**

Estimated Cost :- **Rs.14,72,127/-**

Earnest money deposit :- **Rs. 44,200/-**

Last date of Submission of Bid:- **05/12/2025 by 5:30 PM**

#1. Name of contractor.....

#2. Form of EMD.....

3. Amount of Earnest Money Deposit.....

#4. Date of submission of EMD.....

To be filled by EMD receiving in the office of Director of PMML

Signature,

Name and Designation
of EMD Receiving Officer

(PMML) along with
Office stamp

Form 'F'**Under taking on structural stability and sound ness of already completed buildings and infrastructure projects.**

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

I/we, further, undertake that if such information comes to the notice of PMML, 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. The decision of Engineer-in-Charge or any higher authority shall be final and binding.

Signature of Signature of bidder or an

Notary with seal 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).

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

(Applicable for inviting open bids)

The **Director of PMML Teen Murti Campus, New Delhi** invites online **PERCENTAGE RATE** bids from approved and eligible Contractors of CPWD in appropriate category for the following work(s): -

S. No.	NIT NO.	Name of work & Location	Estimated cost puts to bid(s)	Earnest money	Stipulated period of completion of work.	Last date of online submission Of bid ,copy of receipt of 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	PMML/76-15/2025-26 admin/Engg	Miscellaneous Repairing works in old project office, near Annex Building at PLML campus Teen Murti New Delhi	Rs.14,72,127/-	Rs. 44,200/-	30 Days	Upto 05/12/2025 by 5:30 PM	On 06/12/2025 at 11:00 AM

- The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he consider him self eligible and he is in possession of all the documents required.
- Information and Instructions for bidders posted on website shall form part of bid document and to be posted on website.**
- The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and set if terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://www.pmml.nic.in> and <https://www.nmml.ewizard.in>.
- But the bid can only be submitted after deposition of original EMD either in the office of inviting bids, Account Payee Demand draft or Bankers Cheque or Fixed Deposit Receipts or/ and Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of **Director, Prime Ministers Museum and Library** as mentioned in NIT, receipt for deposition of original EMD to office of **F.A.O Prime Ministers Museum and Library, Teen Murti House, New Delhi**.
- Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
- The intending bidder must have valid digital signature to submit the bid.

7. On opening date, the contractor can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of **JPG** format and **PDF** format.
9. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink 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.

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

1.	Insurance Surety Bonds/Account Payee Demand Draft/Pay order or Banker's Cheque/FDR/Bank Guarantee of any Commercial Bank against EMD.
2.	Copy of receipt for deposition of original EMD to F.A.O, Prime Ministers Museum and Library.
3.	Enlistment order of the contractor.
4.	GST Registration Certificate of the State in which the work is to be taken up, if Already obtained by the bidder.
	If the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking along with bid documents. "If work is awarded to me, /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".
5.	Under taking on structural stability and soundness as per prescribed format Form 'F'.
6.	Any other document as specified in the NIT.

(Note 1: -The Contract agency participating in the bid shall ensure the uploading of above mandatory documents in eligibility documents/ additional documents portal so that the same can be free viewed & examined before opening the part of their financial bid.)

Director

**PMML Teen
Murti Campus
New Delhi**

**GOVERNMENT OF INDIA
PRIME MINISTERS MUSEUM AND LIBRARY
PERCENTAGE RATE TENDER & CONTRACT FOR WORK**

Tender for the work of:- Miscellaneous Repairing work in old project office, near Annex building Teen Murti House New Delhi.

To be uploaded by **05/12/2025** by 05:30 PM

To be opened on **06/12/2025** at 11:00 AM in the
office of **Director of PMML Teen Murti Campus, New Delhi.**

TENDER

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

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

A copy of earnest money deposit receipt of prescribed amount deposited in the form of, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (as prescribed) issued by a Commercial Bank, is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said 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 or the successors in office shall, without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

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

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

Dated: #

Witness:#

Signature of Contractor#

Address: #

Postal Address #

Occupation:#

#To be filled by the contractor

ACCEPTANCE

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

.....*.....

(Rupees... ..).

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

(a)

(b)

(c)

Signature.....

Dated:

Designation

PROFORMA OF SCHEDULES	
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PROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities:-Page No.38 to 50

SCHEDULE 'D'

General Conditions	As per page-27 to 30
Special Condition	As per page-31 to 33
Condition for Cement & Steel	As per page- 34 to 35

SCHEDULE 'E'

1.	Reference to General Conditions of contract	General Condition of Contract for CPWD works – 2023 (Maintenance work) modified and corrected up to previous day of the last date of submission of tender.
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Name of Work:

Miscellaneous Repairing works in old project office near Annex Building at PMML campus Teen Murti House, New Delhi, during 2025-26.

Estimated Cost of Work :

Rs. 14,72,127/-

Earnest money:

Rs.44,200/-

(i) Performance Guarantee:

5% of tendered value.

SCHEDULE 'F'

General Rules & Directions:

Officer inviting tender : **Director of PMML Teen Murti Campus, New Delhi**

Definitions:

- 2(v) Engineer-in-Charge : Sh. A. K. Tyagi, Consultant
- 2(viii) Accepting Authority : **Director of PMML Teen Murti Campus, New Delhi.**
- 2(x) Percentage on cost of materials and Labour to cover all overheads and profit : **15%**
- 2(xi) Standard schedule of Rates : **DSR2023 with upto date Correction slips & Market Rate.**
- 2(xii) Department : **PMML Department**
- 9(ii) Standard CPWD contract form : **CPWD form– 7, General Conditions of Contract Maintenance work 2023 as modified & corrected upto previous day of last date of submission of tender.**

Clause-1

- i) Time allowed for submission of : **7Days**
 Performance Guarantee, Programme
 Chart (Time and Progress) and
 Applicable labour license, registration
 With EPFO,ESIC and BOCW Welfare
 Board or proof of applying
 There of from the date of issue
 of letter of acceptance,
- ii) Maximum allowable extension : **3 Days**
 Late fee@ 0.1% per day of
 Performance guarantee amount
 beyond the period provided in (i)
 above

Clause2.

Authority for fixing compensation :
 under Clause 2. **Director of**
PMML Teen Murti
Campus, New Delhi

Clause2A

Whether Clause 2A shall be : **No**
 applicable

Milestone(s) as per table given below:-: **Not Applicable**

Table of Milestone (s)

Sl. No.	Description of Milestone (Physical)	Time allowed in days (from date of start)	Amount to be withheld in case of non-achievement of the milestone
	Not Applicable		

Time allowed for execution of work: **30 Days ,**

Authority to Decide:

- To convey the decision of Shifting of milestone and Extension of time **Director, PMML Teen Murti Campus, New Delhi.**
- Re-scheduling of mile stones extension of time **: Director , and PMML Teen Murti, Campus New Delhi,**
- Shifting of date of start in Case of delay in handing over of **: Director, PMML Teen Murti campus, New Delhi.**

Clause5

Clause applicable –(5 or 5A) : **Clause-5**

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

Date of start: **10days**

Clause6

: Computerized

Measurement book (CMB)/ Electronic Measurement book (EMB)

Mode of measurement : **EMB**

Clause7

Gross work to be done together : **N.A**

With net payment/adjustment

Of advances for material collected

If any, since the last such payment for
being eligible to interim payment

Clause7 (A) Whether clause 7A shall be : **No**
Applicable

Clause10 A

List of testing equipment to be : **As per site requirement**
 Provided by the contractor at site lab.

Clause10 B (ii)

Whether clause 10B(ii) : **No**
 Shall be applicable

Clause10 C

: **Not applicable**
 Component of labour expressed : **25%**
 as Percentage of value of work.

Clause10 CA

: **Not Applicable**

Clause 10 CC

: **Not Applicable**

Clause 11

Specification to be followed for this work : **The work shall be carried out as per
 CPWD Specification 2019Vol-I&II
 with upto date correction slips & as
 per direction of Engineer-in Charge**

Clause12

Type of Work:-	Maintenance work
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The completion cost for maintenance work shall innocasenotexceed1.50timesofthe contract amount.

Authority to decide deviation upto : **Director, PMML, Teen Murti House, New Delhi.**
 1.25 times of tendered amount

Authority to decide deviation beyond : **Director, PMML, Teen Murti House, New Delhi.**
 1.25 times & up to 1.50 times
 of tendered amount

- | | | | |
|-------------|--|---|--|
| 12.2 & 12.3 | Deviation limit beyond which
clause 12.2 & 12.3 shall apply
for Building work | : | NOLIMIT

(All deviated quantities shall be
Paid on agreement rates) |
| 12.5(i) | Deviation limit beyond which
clause 12.2 & 12.3 shall apply

for foundation works (except
items mentioned in earthwork)

Sub-Headings and related items) | : | -----DO----- |
| (ii) | Deviation limit for items in earth
Work subhead of DSR or related items | : | -----DO----- |

Clause 16	Competent Authority for Deciding reduced rates: Director, PMML, TMH, ND.	
Clause 18	<i>List of mandatory machinery, tools & plants to be deployed by the contractor at site.</i>	As per requirement at site and direction of Engineer-in-Charge.

Clause 19

Clause 19C	Authority to decide penalty for each default -----	} Director, PMML
Clause 19D	Authority to decide penalty for each default-----	
Clause 19G	Authority to decide penalty for each default-----	
Clause 19K	Authority to decide penalty for each default -----	

Clause 25

(i)	Conciliator:	Director, PMML, Teen Murti House, ND
(ii)	(ii) Arbitrator Appointing Authority:	-do-
(iii)	(iii) Place of Arbitration:	-do-

Clause 32

Clause 32							
“Requirement of Technical Representative(s) and Recovery Rates”							
Sl. No.	Minimum qualification of Technical Representative	Discipline for (Major + Minor component)	Designation (Principal Technical / Technical Representative)	Minimum Experience (years)	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 32(i) (Rs per month per person)	
						Figures	words
1	Graduate Engineer or Diploma Engineer	Civil (1)	Project Manager cum planning/ quality/site billing Engineer	2 or 5 respectively	1	30,000/-	Rupees Thirty Thousand only

Note:

- a. Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineer.
- b. Diploma holder with minimum 10 years' relevant experience with a reputed construction co .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 engineer

Clause38

- I) (a)Schedule/statement for determining
Theoretical quantity of cement & bitumen : Delhi Schedule of Rates2023
- II) Variations permissible on the theoretical quantities:
 - (a) Cement

For works with estimated cost put to tender

not more than Rs 25 lakh. : 3%plus/minus.

For works with estimated cost put to tender

More than Rs. 25 lakh. : 2% plus/minus.
 - (b) Bitumen for all works : 2.5%plusonlyandnilon minus side.
 - (c) Steel Reinforcement and structural steel
Sections for each diameter, section and category: 2% plus/minus
 - (d) Al lother materials. : NIL

Director**PMML Teen
Murti Campus****New Delhi.**

1. SCOPE OF WORK

2 **Miscellaneous Repairing work in old project office, near Annex building Teen Murti House New Delhi.**

2.0 **General specifications**

2.1 The common & general specifications for accommodations are mentioned below for guidance only.

Structure	-	as per schedule
Masonry	-	-do-
External plaster	-	-do-
External Finishing	-	-do-
Internal Finishing	-	-do-
Windows	-	-do-
Flooring	-	a. Rooms—do-
		b. Washrooms & Kitchen—do-
		c. Verandah or Porch —do-.

2.2 Boundary wall	-	-do-
Height	-	-do-
Finishing	-	-do-

ANNEXURE-I

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

The Agreement made this _____ day of _____ two thousand and _____ between _____ son _____ of _____ (here in after called the Guarantor o the one part) and the Director, PMML (hereinafter called the Government of the other part).

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

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said structures will remain water and leak-proof for **five years** from the date of giving of water proofing treatment.

NOW THE GUARANTOR hereby guarantees that water proofing treatment given by him will render the structures completely leak-proof and the minimum life of such waterproofing treatment shall be **five years** to be reckoned from the date after the maintenance period prescribed in the contract.

Providing that the Guarantor will not be responsible for leakage caused by earthquake or structural defects or misuse of roof or alteration and for such purpose.

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

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

That if the Guarantor fails to execute the water proofing or commits breach the re under, then the Guarantor will indemnify the Principal and his successors against all loss, damage, cost, expense or otherwise which may be incurred by him by reason of any default the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and/or damage and/or cost incurred by the Government the decision of the Engineer-in-charge will be final and binding on the parties.

IN WITNESS WHERE OF these presents have been executed by the Obligor _____ and by _____ and for and on behalf of the Director, PMML on the day, month and year first above written.

Signed, sealed and delivered by Obligor in the presence of –

1. _____
2. _____

Signed for and on behalf of the Director, PMML by _____

In the presence of –

1. _____
2. _____

ANNEXURE-II
GUARANTEE TO BE EXECUTED BY CONTRACTORS FOR REMOVAL OF DEFECTS
AFTER COMPLETION IN RESPECT OF ANTI-TERMITE TREATMENT WORKS.

The Agreement made this _____ day of _____ two thousand and _____ between _____ son of _____ of _____ (hereinafter called the Guarantor of the one part) and the Director, PMML (hereinafter called the Government of the other part).

WHEREAS THIS agreement is supplementary to a contract (hereinafter called the Contract), dated _____ and made between the GUARANTOR OF THE ONE part and the Government of the other part, where by the Contractor, *inter alia*, under took to render the buildings and structures in the said contract recited completely termite proof.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said structures will remain termite proof for **five years** from the date of giving of termite proof treatment.

NOW THE GUARANTOR hereby guarantees that anti-termite treatment given by him will render the structures completely termite proof and the minimum life of such treatment shall be **five years** to be reckoned from the date after the maintenance period prescribed in the contract.

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

That if the Guarantor fails to execute the termite proofing or commits breach there under, then the Guarantor will indemnify the Principal and his successors against all loss, damage, cost, expense or otherwise which may be incurred by him by reason of any default the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and/ or damage and/ or cost incurred by the Government the decision of the Engineer-in-charge, will be final and binding on the parties.

IN WITNESS WHERE OF these presents have been executed by the Obligor _____ and by _____ and for and on behalf of the Director, PMML on the day, month and year first above written.

Signed, sealed and delivered by Obligor in the presence of –

1. _____

2. _____

Signed for and on behalf of the Director, PMML by _____

In the presence of –

1. _____ 2. _____

GENERAL TERMS AND CONDITIONS

1. The contractors are advised to get acquainted with the proposed work and its site and also study the Architectural Drawings, specifications and special conditions carefully before tendering. No claim of any sort shall be entertained on account of any site conditions and ignorance of specifications and special conditions
2. The work shall be carried out as per CPWD specifications 2023 (Vol. I & II) with up to date correction slips. For items which are not covered under CPWD specifications, the special conditions / BIS specifications shall apply. In this regard the decision of Engineer-in-Charge shall be final.
3. All materials, T&P, consumable and contingent articles required for the work shall be arranged by the contractor. Materials used shall be in preference as per the nomenclature of the item / as per approved list/CPWD Specifications and as per directions of Engineer-in-Charge. Replaced materials used shall have same or richer specifications to the original materials and compatible to the work. If any of the accessories available in the market is not ISI marked then decision of engineer in charge is final and will be binding to the contractor.
4. All the malba/ rubbish/ silt/ waste/ garden waste etc. generated due to any operation/ execution of the work shall be brought down through the staircase and shall not be thrown to the ground directly from the upper floors etc. Malba rubbish generated due to any operation from Bungalows/ quarters / premises and its open spaces whatsoever shall be disposed off by the Contractor to the specified dumping point on daily basis else a recovery of Rs. 100/- per Bungalows/ quarters / premises per day shall be made from contractor. The dumping point should be properly barricaded at all the time and should not give ugly look. This malba/ rubbish shall further be disposed to the authorized municipal dhalao/dumping ground as and when the quantity becomes 4.5 cum or one truck and as per direction of Engineer-in-charge. The Malba/rubbish kept inside the dumping point should be covered with sheet or any other suitable material to avoid dust pollution. In case of malba/rubbish does not got removed from dumping point, a recovery of Rs.1000/-(rupees One thousand) per day shall be made from the contractor after issuing notice in writing by the Engineer in charge of work. If the malba is not removed within three days of notice the same shall be go removed by the department at the risk and cost of the Contractor and the amount shall be recovered from the bill of Contractor. This is in addition to the recovery of Rs. 1000/- per day for delay in removal of malba
5. The contractor or his representative shall be available at site on every visit of officer-in-charge as well as visit of senior officers.
6. Chases, holes & drilling works etc. shall be done by using power operated tools.
7. The contractor shall have to carry out the work other than day to day maintenance according to program given by the Engineer-in-charge. The contractor shall not carry out any work in any building without permission of Engineer-in-charge or his authorized representatives. The contractor shall have to adhere to this program failing which he shall be wholly responsible for any inconvenience caused to the occupants. No claim for idle labour on any account shall be entertained. The contractor shall depute his representative daily to the site of work. His name and Signature shall be attested by the contractor for record in the department.
8. The site for the collection and stacking of the material shall be got approved from the Engineer- in-charge.
9. The sample of all the items shall have to be got approved by the contractor from the Engineer-in-charge before the supply commences and shall be without prejudiced to the right of the Engineer-in-Charge to get random samples tested out of the actual lot received.

10. The Engineer-in-Charge will be at liberty to take respective sample(s) of each item of Schedule of Quantity in any approved laboratory as decided by him. The sample for testing will be provided by the contractor. All expenditure required to be incurred for taking sample, conveyance, packing and testing charges etc. will be borne by the contractor himself. In case any sample particular lot fails in testing, the contractor will be bound to replace the entire lot with fresh material of prescribed specification and the rejected lot will be returned to the contractor only after fresh lot is supplied.
11. Rejected materials will have to be removed by the contractor at his own cost immediately of the instructions of doing so.
12. In case of any dispute regarding rejection of quality of materials, the decision of the Engineer-in-Charge will be final and binding upon the contractor.
13. Other agencies may also be simultaneously executing some other work entrusted to them by the Engineer-in-charge and the Contractor shall offer necessary co-operation wherever required to these agencies so as not to interfere with or hinder the progress or completion of the work being performed by other Contractor (s). He shall as far as possibly arrange his work and shall place and dispose off the materials being used or removed, so as not to interfere with the operations of other Contractors, or he shall arrange his work with that of the others in an acceptable and coordinated manner and shall perform it in proper sequence to the complete satisfaction of Engineer-in-charge.
14. Contractor shall ensure the cleanness and watch & ward of the premises / vacant bungalows / quarter / garages etc. till further occupation of the same.
15. All taxes applicable at prevalent rates shall have to be paid by the contractor himself and the rates quoted by him shall include these taxes and nothing extra on this account shall be payable.
16. The rates for different items of work shall apply for all heights and depths, leads and lifts unless otherwise specified in the agreement or specifications applicable to the agreement.
17. Any damage done by the contractor to any existing work during the course of execution of the work shall be made good by him at his own cost.
18. Articles manufactured by the reputed firms and approved by Engineer-in-Charge shall only be used. Only articles classified, as 'first quality' by the manufacturer shall be used unless otherwise specified. In case articles bearing ISI certification are not available in the market, quality of samples brought by the contractor shall be judged by standards laid down in the relevant CPWD specifications. For the items not covered by CPWD specifications relevant BIS standards shall apply. The sample of materials to be brought to site for use in work shall be got approved from the Engineer-in-Charge before actual execution of work.
19. The contractor shall submit a detailed program of work within 15 days of the date of award of work. The Engineer-in-Charge can modify the program and the contractor shall have to work accordingly.
20. The quantities of any item shall not be exceeded beyond the agreement quantities without prior permission of Engineer-in-Charge.
21. Statutory recoveries such as on account of GST, Income tax, Surcharge, Construction Worker's Welfare Cess etc. as applicable from time to time shall be made from the gross amount of Running A/c Bill and Final Bill of the contractor.
22. The contractor shall make his own arrangements for obtaining electric connection, if required and make necessary payments directly to the department concerned. In the absence of electric connection or failure of power supply, the Contractor shall make his own arrangement of silent type generators as per NGT Guidelines.
23. The contractor shall make his own arrangement for getting the permission for entry of trucks carrying materials for the site from the traffic police.
24. No payments shall be made to the contractor for any damage caused by rain, snowfall, floods or any other natural causes whatsoever during the execution of work. The damage caused to work shall have to be made good by the contractor at his own cost and no claim on this account shall be entertained.

25. The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards / signages, warning boards, red flags, red lights and providing necessary barriers / barricading of the construction area and all other measures required from time to time, **nothing extra shall be paid to agency on this account.** He shall be responsible for all damages and accidents caused due to negligence on his part. No hindrance shall be caused to traffic during the execution of the work by storing materials on the road.
26. The contractor shall be fully responsible for the safe custody of the material issued or brought by him to site for doing the work.
27. If due to exigency of work, the work is required to be carried out in more than one shift or during night then Contractor will be bound to execute the work accordingly and arrange the T&P and labour etc. No extra claim on this account shall be entertained.
28. The rate for all items of work shall, unless otherwise clearly specified, include cost of all labour, material and other inputs involved in the execution of the items.
29. In case of any discrepancy found in NIT / tender documents, the order of preference may be read as the following.
 - a) Description of Schedule of Quantities
 - b) Particular Specifications, Additional Conditions and Special Conditions, if any.
 - c) Architectural Drawings
 - d) CPWD Specifications with up to date correction slips.
 - e) Indian Standard Specifications / BIS
 - f) Sound engineering practice.
30. Any reference made to any Indian Standard Specifications in these documents, shall imply to the latest version of that standard, including such revisions / amendments as issued by the Bureau of Indian Standards up to last date of receipt of tenders. The contractor shall keep at his own cost all such publications of relevant Indian Standards applicable to the work at site.
31. The contractor will not have any claim in case of any delay by the Engineer-in-Charge in removal of trees or shifting, removing of telegraph, telephone or electric lines (overhead or underground), water and sewer lines and other structure etc., if any which may come in the way of the work. However, suitable extension of time can be granted to cover such delay.
32. The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipment left out of his work and dress the site around the building to the complete satisfaction of the Engineer-in-charge before the work is treated as completed.
33. No residential accommodation shall be provided to any of the staff engaged by the contractor. The contractor shall also not be allowed to erect any permanent / temporary set up for his staff in the premises.
34. Contractor has to provide drinking water facility in each enquiry office by providing necessary filter (RO) with and his staff. Watch & Ward of Enquiry office shall be the responsibility of the contractor.
35. The contractor shall comply with proper and legal orders and directions of the local or public authority or Municipality and abide by their rules and regulations and pay all fees and charges which he may be liable.
36. The Contractor shall give due notice to Municipality, Police and / or other authorities that may be required under the law / rules under force and obtain all requisite licenses for temporary obstructions / enclosures and pay all charges which may be liveable on account of his execution of the work under the agreement. Nothing extra shall be payable on this account.
37. The work shall be carried out in a manner complying in all respects with the requirements of relevant byelaws of the local bodies, labour laws, minimum wages act, workmen compensation act and other statutory laws enacted by Central Govt. as well as State Govt.

38. Any damage caused due to negligence of contractor during the routine maintenance shall be of firm's responsibility. The firm has to make good the same at his own risk and cost.
39. Site is located in sensitive and high security & VVIP area, where movement and routes are restricted. The Contractor shall have to apply for passes well in advance for carrying out the work. No claim whatsoever shall be entertained for any loss on this account. Some restrictions may be imposed by the Security staff/Delhi police on the working and movement of labour, materials etc.
40. The movement of trucks and vehicles shall be regulated in accordance with rules and regulations as approved by competent authority.
41. The Contractor shall be bound to follow all such restrictions / instructions and nothing extra shall be payable on this account.
42. The Contractor is required to prepare and install appropriate number of Display Boards at suitable locations in the colony / office and also at the Service Centre, to apprise the Residents about the details of Engineer-in-charge etc.
43. The Contractor shall not stack building material / malba on NDMC land or road or on the land owned by any other authority and in case of failure to do so, he shall face penal action as per the rules, regulation and bye-laws of the said body or authority. The Engineer-in-Charge shall be at liberty to recover the amount due but not paid to the concerned authorities on account of the above from any amount due to the Contractor including amount of the security deposit or retention money in respect of this Contractor or any other Contract.
44. The contractor or his representative is bound to sign the site order book as and when required by the Engineer-in-Charge and to comply with the remarks therein.
45. The contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the owners, tenants of adjacent properties and to the public in general and to prevent any damage to such properties and any pollution of smoke, streams and waterways. He shall make good at his cost and to the satisfaction of the Engineer-in-Charge, any damage to roads, paths, cross drainage works or public or private property whatsoever caused by the execution of the work or by traffic brought thereon by the contractor. Utmost care shall be taken to keep the noise level to the barest minimum so that no disturbance as far as possible is caused to the occupants/users of adjoining buildings.
46. The agency has to ensure the safety and protection of all the existing fittings, floorings, fixtures and all other building parts during execution of work, **nothing extra shall be paid to agency on this account.**
47. Agency has to submit measurement of work executed during each month, at least once in a month, failing which a recovery of **Rupees Fifty Thousand per month** shall be made from the next Running account / final bill.
48. **Pollution Control Guidelines**
The guidelines regarding preventive measures for Air Pollution from demolition & construction activities issued by Delhi Pollution Control Committee vide no. DPCC/EIA/Res-001 to 172/NGT-21/2015/225-408 dated 17.04.2015 and any other guide lines issued till date or during the execution of work, in compliance of Hon'ble National Green Tribunal directions, are applicable to the contractor. All appropriate protective measures as per NGT & DPCC guidelines/directions shall be taken by the contractor and nothing extra shall be payable on this account.
49. The contractor shall have to work in pandemic/epidemic conditions such as COVID-19 for which he has to make safety arrangement / measures for the workers / staff and for the premises meant for them, as per guidelines issued by Government and directions issued by Engineer-in-charge from time to time and nothing extra shall be paid on this account.

SPECIAL CONDITIONS

1. EMD in the name of Director, PMML.
2. One work order of 80 % of project value (1472127/-) that is around 11.80 Lakhs and two works order of 60 % of the project value (1472127/-) that is around is 8.84 Lakhs.
3. Bill along with measurement to be submitted by the agency in complete shape.
4. In any case, final decision of Director will be binding to all.
5. Time for the completion is 30 Days.
6. Full quantity or quantity as decided by Engineer-in-Charge of the materials such as paint, Acrylic emulsion paint, Acrylic distemper or any other material required as per schedule of quantity etc. shall be deposited at the office of PMML within 07 days of start of work.
7. The contractor shall have to get approved the brands / shades of Acrylic Distemper, Synthetic Enamel Paint, Acrylic Emulsion Paint, Exterior Paint or any other material required as per schedule of quantity etc. from the Engineer-in-Charge within 5 days of start of work and also shall be got checked by the Engineer-in-charge or his authorized representative on receipt of it at site before execution of same.
8. The materials required for day's work shall be issued to contractor or his authorized representative daily by the Engineer-in-charge of the work. Any balance of the material left at end of the day of work and the empty containers shall be returned to Engineer-in-charge. The day to day issue account of the materials shall be maintained by the Junior Engineer-in-Charge and shall be signed daily by the Contractor or his authorized agent in token of receipt of the materials failing which no payment of bill shall be made to the Contractor. The empty containers shall not be removed from the site of work without written orders of the Engineer-in-charge.
9. Before the commencement of work, the contractor shall prepare one sample as instructed by the Engineer-in-charge. After the sample is approved by the Engineer-in-Charge, the Contractor shall be allowed to commence the work and the quality of work shall confirm to the approved sample.
10. In case the Bungalows / quarters are not made available to the Contractor according to the programme, the Contractor shall not be entitled for any claim for idle labour or any other claim on any account what-so-ever.
11. No payment will be made to the Contractor for damage caused by rains during the execution of the works and no claim on this account will be entertained.
12. Scrapping shall be shown to the Engineer-in-charge and got approved and test checked by him prior to painting or other finishing work.
13. To avoid disputes later on, contractor is advised to get the measurement recorded within a week's time and shall submit his bills as per relevant clauses of contract. Any dispute regarding measurement including work done shall be judged within a week's time failing which measurement, certified and recorded, shall be entertained.
14. All doors, windows, floors, furniture, electrical fittings and other articles shall be protected from dust, splashes & damage. Splashes & droppings from white washing, colour washing, distempering painting etc. on walls, floors, doors and window, down take pipes / furniture shall be removed by the Contractor at his own cost and the surface cleaned simultaneously after the completion of the day's work is done, without waiting for the actual completion of the other items of work of the contract.
15. The Contractor shall comply with the provisions of 'Construction and Demolition Waste Management Rules, 2016' as notified by the Ministry of Environment and Forests vide notification dated 29.03.2016 (available at web address www.moef.gov.in).
16. **For some of the specific nature of work such as anti-termite treatment and waterproofing work the specialized agencies to be associated by the contractors. The associated specialized agencies / specialized firm executing the work shall give a specific guarantee that they are responsible for removal of any defects cropping up in these works executed by them during the guarantee period.**

- a) The form of the guarantee to be executed by the contractor is given as per annexure attached.
- b) 10% of the amount pertaining to anti-termite treatment and waterproofing work as security deducted from the bills of the contractors will be refunded after expiry of guarantee period in accordance with the terms of the contract in this behalf.
17. During execution of work, water supply, installations / fittings & sanitary, installation / fittings, will be dismantled / demolished for which nothing extra shall be paid except the items already exist in the schedule of quantities (civil) attached.
18. Any cement slurry added over base surface (or) for continuation of concreting for better bond is deemed to have been included in the items and nothing extra shall be paid on this account.
19. If in the description/nomenclature of item the thickness of board/ ply is mentioned 18mm thick and manufacturer does not provide/manufacture 18mm thick board/ply then 19mm thick board/ply can be used there, for that nothing extra shall be paid on this account, vice versa.
20. Agency should take extra precaution for protection of existing floor, wall, fittings, fixtures etc. Nothing extra shall be paid on this account.
21. The dismantled material received from the work shall be the property of contractor for which the credit shall be paid on following rates –

S.No.	Items/Materials	Rate(in Rs.)
(a)	Cast Iron/ Steel Scrap	27.30 per kg.
(b)	C/P Fittings	560.75 per kg.
(c)	Aluminium Sections, grills, sheets etc.	112.55 per kg.
(d)	Wooden doors & windows	
(i)	Of area upto 3 sqmt.	1000/- each
(ii)	Of area beyond 3 sqmt.	1500/- each
(e)	Old Bricks	2.30 each

CONDITIONS FOR CEMENT & STEEL

1. Cement

- 1.1 The contractor shall procure 43 grade (conforming to IS 8112) Ordinary Portland cement/PPC as required in the work, from reputed manufacturers of cement, having a production capacity of one million tonnes per annum or more, such as ACC, JK Cement, Ultratech, Shree Cement, etc., i.e. agencies approved by Ministry of Industry, Govt. of India, and holding license to use ISI certification mark for their product. The tenderers may also submit a list of names of cement manufactures which they propose to use in the work. The Engineer-in-charge reserves right to accept or reject name(s) of cement manufacture(s) which the tenderer proposes to use in the work. No change in the tendered rates will be accepted if the Engineer-in-charge 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 except for concrete from RMC producer where bulk cement can be procured. 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. Only the cement with satisfactory test results shall be allowed to be used in the work.
- 1.2 The quantity of cement shall be brought at site as decided by the Engineer in Charge.
- 1.3 Double lock provision shall be made to the door of the cement store. The key of one lock shall remain with the Engineer in Charge or his authorized representative and the key of the other lock shall remain with the contractor. The contractor shall be responsible for the watch and ward and safety of the cement godown.
- 1.4 The contractor shall supply free of charge the cement required for testing and shall also bear the packing, sealing, transportation & other incidental charges. The testing charges of approved laboratory shall be borne by the contractor.
- 1.5 The day to day actual issue/receipt and consumption of cement on work shall be regulated and proper accounts maintained in cement register which shall be issued by Engineer-in-charge.
- 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 In the event of it being discovered that after the completion of the work the quantity of cement used is less than the quantity ascertained after allowing variation on the minus side as per clause 38, the cost of quantity of cement not so used shall be recovered from the contractor, at the rate of **Rs. 5500/- (Rupees Five Thousand Five hundred only) per metric ton**. This recovery will be in addition to any other recovery otherwise required to be done by the Engineer-in-Charge.

2. Steel for Reinforcement:

- 1.1 The contractor shall procure steel reinforcement TMT bars of grade Fe-500-D confirming to IS code (latest edition) from main producers as approved by the Ministry of Steel and secondary producers of re-rollers having valid BIS licence for TMT bars conforming to relevant BIS code, procurement shall be made from main producers and secondary producers having valid BIS licence. The name of secondary producer however will have to be got approved by engineer-in-charge before procurement. The contractor shall have to obtain and furnish test certificate to the Engineer in Charge in respect of all supplies of steel brought by him to the site of work. 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 BIS Codes, the same shall stand rejected and shall be removed from the site of work by the contractor at his cost within a week's time from written orders from the Engineer in Charge to do so.
- 1.2 The quantity of steel shall be brought at site as decided by the Engineer in Charge.

- 1.3 The steel reinforcement shall be stored by the contractor at site of work in such a way as to prevent 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. The cement slurry to be applied to prevent corrosion. The nothing extra shall payable on this account.
- 1.4 For checking nominal mass, tensile strength, bend test, re-bend test etc. specimen of sufficient length shall be cut from each size of the bar section at random at frequency not less than that specified below: -

Size of Bar	For Consignment below 100 tonnes	For Consignment over 100 tonnes
Under 10 mm dia	one sample for each 25 tonnes or part thereof	one sample for each 40 MT or part thereof
10 mm to 16 mm	one sample for each 35 tonnes or part thereof	One sample for each 40 MT or part thereof
Over 16 mm dia	one sample for each 45 tonnes or part thereof.	one sample for each 50 MT Or part thereof

- 1.5 The contractor shall supply free of charge the steel reinforcing bars required for testing and shall also bear the packing, sealing, transportation & other incidental charges. The testing charges of approved laboratory shall be borne by the contractor.
- 1.6 The actual issue and consumption of steel on work shall be regulated and proper accounts maintained. 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.
- 1.7 Steel brought to site and steel remaining unused shall not be removed from site without the written permission of the Engineer in Charge.
- 1.8 The contractor shall take all precautions to avoid accidents by exhibiting caution boards day and night. The contractor shall be responsible for all damages and accident due to negligence on his part.
- 1.9 The contractor shall arrange steel reinforcement bars as cut and bend bars from approved workshop/suppliers. In case of non-availability of the same on justified reasons, the same can be manufactured at site, however no extra payment whatsoever shall be made for same.

Minimum Quality Assurance Plan

1. Maintenance of Register of Tests

- (i) All the registers of tests to be carried out at Construction Sites or in outside laboratories are maintained by the contractor, which are issued to the contractor by Engineer-in-Charge.
- (ii) All samples of materials including Cement Concrete Cubes are taken jointly with Contractor by Engineer-in-charge as per percentage stipulated in the NIT or as prescribed in the CPWD Works Manual. All the necessary assistance is to be provided by the contractor. Cost of sample of materials including testing charges is to be borne by the contractor and he/she is responsible for safe custody of samples to be tested at site.
- (iii) All the test in field lab setup at Construction Site are carried out by the Engineering Staff deployed by the contractor preferably. The percentages of tests to be witnessed by the field officers are to be decided by the NIT approving authority and stipulated in the NIT keeping in view the nature of work and should form part of QA Plan. In case, no such provision is made in NIT, provisions of CPWD Works Manual shall be applicable.
- (iv) All the entries in the registers are made by the designated Engineering Staff of the contractor and same is regularly reviewed by the field officers as well as the Engineer-in-Charge. Contractor is responsible for safe custody of all the test registers.
- (v) Contractor shall be responsible for safe custody of all the test registers.

Submission of copy of all Test Registers, Material at Site (MAS) Register along with each alternate Running Account Bill and Final Bill shall be mandatory. These registers should be duly checked by Engineer-in-charge and receipts of registers should also be acknowledged by Accounts Officer by signing the copies and register to confirm receipt in Division office.

2. Maintenance of Material at Site (MAS) Register-

- a) All MAS Registers including Cement and Steel Registers are maintained by Contractor which are issued to the contractor by Engineer-in-Charge.
- b) Each entry of receipt of material at site is 100% test checked by Engineer-in-charge.
- c) Each MAS Register is checked by Engineer-in-charge at least once a week.
- d) Cement Register is reviewed by Engineer-in-charge at least once in a month for work at same station and alternate months for work at outstation.
- e) It shall be mandatory for the field staff to retain self-attested (by agencies/contractors) copies of Tax paid bills of the material entered in the MAS register viz., steel, cement, bitumen, paint, prime, distemper, varnishes, Tile adhesive, admixture, anti-termite chemical, water proofing compound material and any other item as decided by the NIT approving authority.
- f) Self-attested copies of Tax paid bills of material taken in MAS register shall be obtained by the field staff from the agencies/contractors before settling the payment. In case of any doubt the same can be verified by the field staff. However, the onus of genuineness of Tax paid bills rests with the agencies/contractors.

3. Testing of Material at Site or in lab-

The contractor shall supply free of charge the sample materials required for testing and shall also bear the packing, sealing, transportation & other incidental charges. The material and its frequency to be tested shall be as per CPWD specifications or its relevant codes or as decided by Engineer-in-charge. **The testing charges for all samples shall be borne by the contractor.**

LIST OF PREFERRED MAKES

Specification/brands names of materials (Refer materials, whichever are applicable for the scope of work) and finishes approved by the Engineer-in-Charge are listed below. However, approved equivalent materials and finishes of any other specialized firms may be used, in case it is established that the brands specified below are not available in the market and subject to approval of the alternate brand by the Engineer-in-Charge (See also conditions of contract).

Sl.No.	Materials	Approved make
1	Ceramic Glazed/Rectified Ceramic Glazed / Vitrified Floor / Wall Tiles	Johnson/Somany/Kajaria/Nitco/Orientbell/ AGL / Oasis / Varmora/ Hindware
2	Chequered CCTiles	Nitco / KK / Unistone / Dalal /Advent/ ABC/Krishna / Kirti Spun Pipes
3a	Bathroom CP Fittings (Bungalow)	Jaquar/Johnson/Marc/Cera/ Kohler
3b	Bathroom CP Fittings (Servant Quarters, Type 1 & 2)	Prayag
4	Sanitary Wares	Hindware/Kohler/Johnson/Cera/Parryware / Jaquar
5a	Kitchen Sink (Stainless Steel) (Bungalow)	Neelkanth/Jayna/Anupam/Nirali/Cera
5b	Kitchen Sink (Stainless Steel) (Servant Quarters Type 1 & 2)	Prayag
6	PVC Tank (ISI Marked)	Sintex/Storex/Unitank/Sheetal/SPL
7	PVC Cistern	Commander/Duralite/Hindware/Coral/Steel Bird
8	Precast Cement Concrete Slab	Nitco / KK / Konkrete Products Co. / Dalal/ Kirti Spun Pipes
9	G.I. Sheet	SAIL/Tata Shakti/Jindal/Swastik
10	G.I. Pipe (ISI Marked)	Jindal Hissar/Tata/Prakash Surya /Zenith
11	G.I. Fittings (ISI Marked)	Unik/UK/ Surya/Prakash
12	Structural Steel Sections C, I, Tee, Angle, Flats, Bars etc. (ISI Marked)	TISCO/Jindal/ SAIL/Rana/Rathi
13	TMT bars (ISI Marked)	TATA/RINL/ SAIL/TISCO
14	Steel tube shot finished welded Type	BST/ Jindal/Ravindra/ Surya
15	Block Board, Ply Wood, MDF Board	Century/Duro/Greenply/Merino/Action Tesa Bhutan tuff / Archid Ply /
16	Lamination Sheet/Veneer	Century/Duro/Merino/Greenlam/Bhutan tuff /Archid Ply/
17	Flush Doors	Century / Greenply / Action Tesa / Sumai (Spacewood)/Orion/Duro/Jayna Doors of Jain Wood Industries/ Jain Doors Pvt.Ltd./Bhutan tuff/Archid Ply/
18	Factory made chamfered edge CC Interlocking paver Block, Kerb Stone	NITCO/KK /Konkrete/ Terra Firma /Dalal / Advent / Kirti Spun Pipes
19	Precast R.C.C. manhole & gully trap covers, frames and gratings	KK/Konkrete/ Pragati
20	Fibre Glass sheet and Chajjas	Roof it of Shiv Shakti Fiber Udhog / Fibreways Technology / Simba
21	Acrylic washable Distemper	Berger/Nerolac/ICI/ Asian/Acro
22	Acrylic Emulsion Paint/Premium Acrylic Emulsion Interior paint	Berger/Nerolac/ICI/ Asian/Acro
23	Premium acrylic emulsion/Acrylic Emulsion Exterior Paint	Berger/Nerolac/ICI/ Asian/Acro
24	Primer	Berger/Nerolac/ICI/ Asian/Acro
25	Synthetic Enamel Paint	Berger/Nerolac/ICI/ Asian/Acro
26	P.O.P.	J.K./Laxmi/Birla/ Asian Paint/Sakarni
27	Decorative Paints	Oikos/SKK/ Armourcoat/Ultratech/Acro
28	Modular kitchen Accessories	Stallion/Sparkle Top/Hettich/Godrej/Hafele /Dorset /Blum/Kich /Hardueyn
29	Brass Door/Window Fittings	Sigma/Bush/Dorset/Hettich/Dorma/ Hardueyn
30	Dash Fastener	Hilti/Fisher/Canon/ Wuerth
31	Hydraulic Door Closer	Hardwyn/Godrej /Dorma/Dorset / Hafele

32	Lock&Latches	Godrej/Dorset/Hafele/Geze/Dorma/ Hardueyn
33	WhiteCementbasedPutty	BirlaWallCare/J.K.WallCare/ Berger
34	AluminumSections	Jindal/Hindalco/Indalco/Indo-Alusys
35	CentrifugallyCastIronPipe& Fittings	Neco/ Truform / TechnoSales Corporations / BIC / RPMF / SKF
36	TemperedGlass/GlassPan	ModiFloat/SaintGobain/Asahi/ Atul
37	BevelledEdge Mirror	Atul/SaintGobain/ModiGuard/GoldenFish
38	PTMTFittings	Prayag/Wilson/ Polytuf
39	PolymerModifiedCementitiousGrout	BalEndura / Laticrete / Ferrous Crete / MAKPHALT
40	NonShrinkCementousGrout	Xypex/Fosroc/Krytone/Ferocrete/
41	ACPipes (Mazza)	AInfrastructureLtd./ApurvaVinimayPvt.Ltd./ Kanoria Sugar Gen. Mfg. Co. Ltd.
42	CementBoard	Bison/Everest/Shalimar /NCL
43	AluminiumCompositePanels	Aludecore/Alstone/Alstrong/Alucobond/ Aluco Pan / Virgo / Alutech
44	WoodPolish	AsianPaints/PidliteIndustries/ICIDulux/ Wembley
45	GypsumBoard	St.Gobain/GyprocGypsum/Boral/Everest
46	CalciumSilicateFalseCeilingSystem Along with supportings	Aerolite/Everest/NCL/ Hilux/Gypotech
47	Allhardwareandfittingsotherthan brass for doors, windows etc.	Dorma/Hafele/Geze/Ozone/Kich/Hettich/ Dorset / Hardwyn
48	Adhesive/EpoxyGroutforFloorTiles, Marble Stone, Granite Stone etc.	FerrousCrete/ArdexEndure(Goldstar)/Pidlite (FevimateXL)/MYKLaticrete/Weber/CICO /MAKPHALT/HomePride
49	Waterproofingcompounds	Grace / Fosroc / BASF / Pidilite / CICO / SIKA / MC Bauchemie / STP Ltd. / MAKPHALT
50	FRPDoors&Frames	Ashoo Model Arts, Selected Product Co., FiberwaysTachnology and Jayna Doors of Jain wood Industries, Jain Doors Pvt. Ltd.
51	Laminatedflooring	ActionTesa/Vista/Pergo / Parador
52	StainlessSteelRailing	Kich/Dorma/QRailing/ Fitwell
53	Cement(OPC/ PPC)	ACC/ JK Cement/Ultratech/ Shree Cement
54	Engineeredwoodenflooring	Mikasa(GreenlamIndustriesLtd.),/Pergo/ Parador /Woodart
55	DraperyRod	Vista/MAC/ Magnum
56	PVCPipe/CPVC Pipe	Supreme/Astral/Ashirvad/Prakash/ Finolex
57	Foam/ Cushion	Sleepwell/Kurl-on/MMFoam
58	Fabric/ClothforSofa	Eden / Kundan / Bealene / GM / Velvolene and Nimoco
59	Fabric/Cloth for Curtain	G.M.Fabric /NeptuneFurnishingIndiaPvt.Ltd. / Shri Radhika Furnishing / Jai Mahavir Textile Pvt.Ltd./NewCastle/MahavirLoomtexPvt.Ltd. /Bombay Dyeing
60	GRGfalse ceiling	Diamondceilings/Gyproc(SaintGobain)/USG Boral / Gyptech
61	Metalfalse Ceiling	Armstrong,HunterDouglas,gypotechHi-Steel.
62	APP(AtacticPolypropylenePolymer)	Shivamtarproduct,MAKPHALT
63	CI Valve	Deepakvalve
64	U.P.V.Cfitting	KakaIndustries,RajshriPlastiwood

Note:-TheweightandthicknessofthematerialsshouldbeasperCPWDSpecification/ relevant IS code /manufacturer specification.

Onnon- judicial stamp paper of minimum Rs.100

**(Guarantee of feredby Bank to PMML in connection with the execution of contracts) Form of
Bank Guarantee for Earnest Money Deposit / performance Guarantee / Security
Deposit**

1. Whereas the Director Prime Ministers Museum and Library on behalf of the competent authority (NIT number) dated (name of work) The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. (Rupees only) valid upto (date)* as Earnest Money Deposit from (name and address of contractor) (hereinafter called "the contractor") for compliance of his obligations in accordance With the terms and conditions of the said NIT.

or**

*Whereas the Director, PMML, New Delhi on behalf of the competent authority, Prime Ministers Museum and Library has entered into an agreement bearing number with (name and address of the contractor). (hereinafter called "the Contractor") for execution of work (name of work) The Government has Further agreed to accept an irrevocable Bank Guarantee for Rs. (Rupees only) valid upto (date) as Performance Guarantee / security Deposit from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

2. We, (indicate the name of the bank) (hereinafter referred to as "the Bank"), hereby Undertake to pay to the Government an amount not exceeding Rs. (Rupees only) on demand by the Government within 10 days of the demand.
3. We, (indicate the name of the Bank) do 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 recoveries due or likely to be due from the said contractor. Any such demand made on the Bank shall, be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupees only)
4. We, (indicate the name of the Bank) , further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the contractor shall have no claim against us for making such payment.
5. We, (indicate the name of the Bank) further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement 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 mission** 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 to forelove us.
6. We, (indicate the name of the Bank) further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.

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

We,.....(indicatethenameoftheBank)..... undertaken to revoke this GuaranteeexceptwiththeconsentoftheGovernmentin writing.

8. ThisBank Guarantee shall be valid up to unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability under this guarantee isrestrictedtoRs.....(Rupeesonly)andunless a claim in writing is lodged with uswithinthedateofexpiryorextendeddateofexpiryofthisguarantee,allourliabilitiesunder this guarantee shall stand discharged.

Date.....

Witnesses:

Signature.....

AuthorizedsignatoryNameandaddress

Name Designation Staff code no.

Signature.....

Bank seal

Name andaddress

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

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

FORM OF PERFORMANCE SECURITY (GUARANTEE) BANK
GUARANTEE BOND

In consideration of the Director, Prime Ministers Museum and Library having offered to accept the terms and conditions of the proposed agreement between.....and
(hereinafter called “the said Contractor(s)”) for the work.....
(hereafter called “the said agreement”) having agreed to production of a irrevocable Bank Guarantee for Rs.....(Rupeesonly) as a security/guarantee from the contractor (s) for compliance of this obligations in accordance with the terms and conditions in the said agreement.

We..... Here in after referred to as “the Bank”) Hereby (Indicate the name of the Bank) undertake to pay to the Government in amount not exceeding Rs.....(RupeesOnly) on demand by the Government.

- 2) We do hereby undertake to pay the amounts due and payable
 (indicate the name of the Bank) under this Guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(s). 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, the said bank further undertake to pay to the Government any money so demanded, notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal.
 The payments so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.
- 4) We..... further agree that the guarantee herein Contained (indicate the name of the Bank) shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-Charge on behalf of the government certified that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges this guarantee.
- 5) We further agree with the Government that (indicate the name of the Bank) the Government shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) 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 (s) 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(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

- 6) This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).
- 7) We..... lastly undertook not
To revokethis(indicatethenameoftheBank)guaranteeexceptwiththepreviousconsentofthe
Government in writing.
- 8) Thisguaranteeshallbevalidupto____. Unless extended on demand by
Government.Notwithstanding anythingmentionedabove,ourliabilityagainstthisguaranteeis
restricted to Rs. _____(Rs. _____only)andunlessaclaim
inwritingislodgedwithuswithinsixmonthsofthedateofexpiryorthextendeddateofexpiry of this
guarantee all our liabilities under this guarantee shall stand discharged.
Dated the _____day of _____for
_____ (indicatethenameofbank)

SCHEDULE OF QUANTITY

Name of work: - Miscellaneous Repairing work in old project office, near Annex building teen Murti House New Delhi.

Mr. Anurag Arora

(Manager Admin)

Prime Ministers Museum and Library

Teen Murti House

New Delhi-110011

SHEDULE OF QUANTITY

Name of Work :- Provision of Misc. Repairing and Miscellaneous work in OLD PROJECT OFFICE at PMS-II Teen Murty House New Delhi Dg.2025-26.						
S.N.	Description of Item	Qty	Unit	Rate	Amount	DSR Code
1	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	1193.56	Sqm	25.15	30018.03	13.91
2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	1193.56	Sqm	156.05	186255.04	13.80
3	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :					
	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	85.04	Sqm	226.25	19240.30	13.62.1
4	Melamine polishing on wood work (one or more coat).	85.04	Sqm	1192.30	101393.19	13.114
5	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 5489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives.					
	New work (Two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm.	817.70	Sqm	181.25	148208.13	13.48A.1
6	Finishing walls with Acrylic Smooth exterior paint of required shade :					

	New work (Two or more coat applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 kg/10 sqm)	375.86	Sqm	171.10	64309.65	13.47.1
7	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/ litre and viscosity 70-160 cps. Over the primer coat the layer of brane shall be laid using Butane Torch and sealing all joints etc, and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/ 450N/ 5cm. Tear strength in longitudinal and transverse direction as 300/ 250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane :					
	3 mm thick	774.07	Sqm	560.95	434214.57	14.91.1

8	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main 'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to form grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size (24x24x3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calcium silicate ceiling tiles of approved texture in the grid, including, cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T', bottom exposed with 24 mm of all T sections shall be pre-painted with polyester baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge.					
	Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm. The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, non-ombustible as per B.S. 476 part IV, 100%	74.43	Sqm	2158.15	160631.10	12.53

	humidity resistance and also having thermal conductivity <0.043 w/mK.					
9	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.					
	Double charge vitrified tile polished finish of size					
	Size of Tile 600 x 600 mm	20.27	Cum	1453.63	29465.08	11.41A.1.1
10	Providing and fixing internal wall panels on Light gauge steel frame work with 12.5mm thick gypsum plaster board conforming IS 2095:2011 fixed on cement board as per standard sizes fixed with self-drilling / tapping screws / fasteners @ 60cm c/c of approved make, Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm. Proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately					
	Cement Bonded particle board 8 mm (Termite, Fire & Moisture Resistance), as	20.00	Sqm	2189.75	43795.00	26.43.2

	per IS:14276 : 1995					
11	Fill the groove (i.e. 2-3mm gap between boards),taping and jointing 8mm thick fiber cement board with epoxy based sealing compound, Acrylic based sealing compound, Non woven reinforcement Tape as per direction of Engineer in charge.	930.29	Sqm	259.25	241177.68	M.R
12	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge.	20.00	Sqm	670.95	13419.00	14.8
				Total	14,72,126.77 say 14,72,127	