

**GOVERNMENT OF INDIA
OFFICE OF
ASSISTANT EXECUTIVE ENGINEER
3/C, SUB – Division, CPWD, NEW DELHI.**

NOTICE INVITING TENDER

N.I.T. No.	24/2026-27/C-Div/Delhi/3C
NAME OF WORK	Renovation of Gents Toilet, Ground Floor at Janpath Bhawan, New Delhi, during 2026-27.
ESTIMATED COST PUT TO BID	Rs. 5,16,046/-
EARNEST MONEY	Rs. 10,321/-
TIME ALLOWED:	30 (Thirty) Days

Assistant Executive Engineer
3C- Sub-Division, CPWD
Shram Shakti Bhawan, New Delhi

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Name of Work:- Renovation of Gents Toilet, Ground Floor at Janpath Bhawan, New Delhi, during 2026-27.

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NIT No. 24/2026-27/C-Div/Delhi/3C of Rs. 5,16,046/-(Rupees Five lakh Sixteen Thousand Forty Six only) having Pages No. 1 to 58 is hereby approved).

**Assistant Executive Engineer
3C- Sub-Division, CPWD
Shram Shakti Bhawan, New Delhi**

NOTICE INVITING e-TENDERS

The Assistant Executive Engineer, 3C Sub-Division, CPWD, Shram Shakti Bhawan, New Delhi, invites on behalf of the President of India online **PERCENTAGE RATE** bid from approved and eligible registered Contractors of CPWD in appropriate Category for the following work(s): -

NIT No. : 24/2026-27/C-Div/Delhi/3C

Name of Work :- Renovation of Gents Toilet, Ground Floor at Janpath Bhawan, New Delhi, during 2026-27.

Estimated Cost :- Rs. 5,16,046/-

Earnest Money :- Rs. 10,321/-

Period of completion :- 30 (Thirty) Days

Last time and date of submission of tender is 03:00 PM on **17/08/2026**.

The tender forms and other details can be obtained from the website <https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost

Assistant Executive Engineer
3C- Sub-Division, CPWD
Shram Shakti Bhawan, New Delhi

CPWD-6

CPWD

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

The Assistant Executive Engineer, 3C- Sub-Division, CPWD, Shram Shakti Bhawan, New Delhi on behalf of the President of India invites online composite **percentage rate** bid from approved and eligible contractors of building category of **appropriate class enlisted in CPWD** for following work:-

Name of Work: Renovation of Gents Toilet, Ground Floor at Janpath Bhawan, New Delhi, during 2026-27.

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. 5,16,046/-**This estimate, however, is given merely as a rough guide.
2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD-7 (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 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 (Thirty) Days** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
4. The site for the work shall be made available in parts.
5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website <https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.
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 (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted, then the bid submitted earlier shall become invalid.

Earnest Money will be paid online through CPWD e-Tendering platform 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. 20.0 lac, whichever is less, shall have to be deposited through **online payment mode**, and balance may be deposited in shape of Bank Guarantee including e-Bank Guarantee any Commercial bank having validity for a period of 90 days for single bid works and 180 days for two bid system or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

If the banks are closed on the last date of submission of tenders, the date is postponed suitably.

**CORRECTION : NIL,
INSERTION : NIL,
OVERWRITING : NIL,
DELETION : NIL,**

AEE, 3-C.

The MSME firms registered in NSIC under PP policy are exempted from payment of EMD for supply of goods and services only.

Original Bank Guarantee (for balance amount as prescribed) shall be deposited by the contractor in the office of Engineer-in-charge inviting bids or division office of any Executive Engineer within the period of bid submission. The Bank Guarantee document is issued from the same state in which the office of receiving division office is situated.

The bank Guarantee including e-Bank Guarantee submitted as a part of Earnest Money is valid for a period of 90 days for single bid works and 180 days for two bid system or more from the date of submission of the tender.

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 inviting e-tender shall be scanned and uploaded on the e-tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in e-tender notice shall have to be submitted by the lowest bidder within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders.

Who has deposited EMD online through CPWD e-tendering portal and Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from a Commercial Bank on CPWD e-tendering platform and other documents scanned and uploaded are found in order.

Refund of Earnest Money:-

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.

EMD Collected through online mode shall be refunded / forfeited to the bidders through the e-tendering portal in the following manner: -

- a. Bidder(s) shall initiate refund of Earnest Money Deposit through online mode for bid withdrawn by bidder before bid submission closing date and tender cancelled by tender inviting authority without its opening.
- b. Tender Inviting authority shall initiate refund/forfeit of Earnest Money Deposit collected through online mode in the scenario(s) other than mentioned at S. No. (a) Above.

The bid submitted shall be opened at 03:30 PM on 17/08/2026.

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 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.
10. The contractor/agency whose bid is accepted will be required to furnish performance guarantee as specified in Schedule E 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 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.

11. The description of the work is as follows:

Renovation of Gents Toilet, Ground Floor at Janpath Bhawan, New Delhi, during 2026-27.

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

12. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
13. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
14. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
15. The contractor (enlisted or non-enlisted in CPWD) shall not be allowed to participate in the tender for work(s) in the CPWD Zone/Circle/Division/Sub-Division responsible for award and/or execution of contract(s) in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of the Chief Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working or are

subsequently employed by him and who are near relatives to any Officer working in the CPWD. Any breach of this condition by the contractor would render him liable to be debarred for a period upto two years from tendering in CPWD as decided by the accepting authority mentioned in Schedule F and his decision will be excepted from clause 25.

16. No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found 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.
17. **The bid for the works shall remain open for acceptance for a period of Thirty (30) days from the date of opening of bid.**

Further

- (i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
 - (ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
 - (iii) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.
18. This notice inviting 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 together with any Correspondence leading thereto.
 - b) Standard C.P.W.D. Form-7 or other Standard C.P.W.D. Form as applicable.
19. **Work of treatment for control Ants, Cockroaches, spiders, bed-bugs, rodents, rats, and anti-termite has to be carried out by the specialized agency as per approval of the Engineer-in-charge.**
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 Assistant Executive Engineer (Phone no 23719026, e- mail Id ssbcpwdcivil@nic.in) or ERP help line no. 18001803286 or e-mail Id cpwd.support@techmahindra.com. The e- tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.

**Assistant Executive Engineer
3C- Sub-Division, CPWD
Shram Shakti Bhawan, New Delhi**

INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e- TENDERING
FORMING PART OF NIT AND TO BE POSTED ON WEBSITE
(Applicable for inviting open bids)

The Assistant Executive Engineer Sub division-3C , CPWD, Shram Shakti Bhawan, New Delhi on behalf of President of India invites online **PERCENTAGE RATE** bid 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	24/2026-27/C-Div/Delhi/3C	Renovation of Gents Toilet, Ground Floor at Janpath Bhawan, New Delhi, during 2026-27.	Rs. 5,16,046/-	Rs. 10,321/-	30 (Thirty) Days	17/08/2026 upto 03:00 PM	17/08/2026 at 03:30 PM

- The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and is in possession of all the documents required.
- Information and Instructions for bidders posted on website shall form part of bid document.
- The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.

Bidders are advised to keep visiting the above mentioned web-sites from time to time (till the deadline for bid submission) for any updates in respect of the tender documents, if any. Failure to do so shall not absolve the applicant of his liabilities to submit the applications complete in all respect including updates thereof, if any. An incomplete application may be liable for rejection.

- Earnest Money will be paid online through CPWD e-Tendering platform 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. 20.0 lac, whichever is less, shall have to be deposited through online payment mode, and balance may be deposited in shape of Bank Guarantee including e-Bank Guarantee any Commercial bank having validity for a period of 90 days for single bid works and 180 days for two bid system or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

Note: Refund of EMD – EMD Collected through online mode, shall be refunded / forfeited to the bidders through the e-tendering portal in the following manner:-

CORRECTION : NIL,
INSERTION : NIL,
OVERWRITING : NIL,
DELETION : NIL,

AEE, 3-C.

- a. Bidder(s) shall initiate refund of Earnest Money Deposit through online mode for bid withdrawn by bidder before bid submission closing date and tender cancelled by tender inviting authority without its opening.
5. But the bid can only be submitted after deposition of through original EMD through online payment mode and original Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents and Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original Bank Guarantee and other documents as specified.
6. 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>.
7. The intending bidders must have valid class-III digital signature certificate with encryption key (combo type) to perform any operations/ transactions on the e-tendering portal/ website and the bidder should download and install the eMSigner on their system as per instruction available on download section of <https://etender.cpwd.gov.in>.
8. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
9. Contractor can upload documents in the form of JPG format and PDF format.
10. Contractor must ensure to quote rate of each item. The column 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.
11. The eligible bidder shall quote percentage rates for sub head wise cost put to tender including major component as well as minor component of work. The quoted rate shall be inclusive of all Taxes, Royalty, Octroi, GST etc. and bonus payable to workers under labour act. No reimbursement shall be made for taxes paid like GST etc. and Bonus payable under relevant Labour Act.
12. All cess/duties/taxes as applicable on the date of receipt of tender shall be borne by the contractor. The contractor shall quote his rates considering all such cess/duties/taxes. Contractor must have GST registration. No reimbursement shall be made for taxes paid like GST etc.
13. The bidders are advised to inspect and examine the site & its surroundings and satisfy themselves before submitting their tender. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent upon any misunderstanding or otherwise shall be allowed.
14. The bidders who propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, which contain any other condition (s) of any sort including conditional rebate will be summarily rejected.
15. The tenderer should read all the instructions, terms & conditions, contract clauses, nomenclature of items, specifications etc., contained in the tender document very carefully, before quoting the rates.
16. The tenderer should also read the General conditions of contract for CPWD works 2023 (maintenance work) modified/Amended up to last date of submission of tender, published by DG CPWD, Vidyut Bhawan, New Delhi which will be a part of the Agreement.

17. The contractor shall quote his rates keeping in mind the specifications, terms & conditions, additional and special conditions etc. and nothing shall be payable extra whatsoever unless otherwise specified.
18. The contractor shall have to make his own arrangement for housing facilities for staff and labour away from site and shall have to transport the labour to and from between construction site and labour camp at his own cost. No. labour huts will be allowed to be constructed at the site. The decision about store at site shall rest with the Engineer-in-charge and the contractor shall have no claim on this account.
19. This bid is being invited for repair/rehabilitation/up-gradation of the prime office of Govt. of India. The contractor has to prepare the programme in consultation with Engineer-in-charge as per requirement and the contractor has to augment the resources accordingly.
20. All needful statutory provision to be adopted at site to tackle epidemic/pandemic or similar situation of Covid-19 shall be done by the agency and expenditure on the same shall be borne by the contractor.
21. If the contractor does not possess electrical license in his own name, he shall submit an undertaking in the application form to associate an agency having valid electrical license of appropriate voltage in its name issued by the State Government concerned under Section 45 of the Indian Electricity Rules, 1956 as amended from time to time, for execution of work which requires such a license. Such associate agency shall keep valid electrical license throughout the period of execution of work by getting it renewed at suitable intervals.
22. **List of Documents to be scanned and uploaded within the period of bid submission/Non submission will render the contractor ineligible.**

1.	Acknowledgement of depositing earnest money online through e-gateway of SBI/ other Banks.
2.	Copy of Enlistment Order of CPWD Contractor in appropriate class of composite category.
3.	GST Registration Certificate, 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”.
4.	Scanned copy of original Bank Guarantee including e-Bank Guarantee of any Commercial Bank against EMD. (Original Bank Guarantee (for balance amount as prescribed) shall be deposited by the contractor in the office of Engineer-in-Charge inviting bids or division office of any Executive Engineer within the period of bid submission. The Bank guarantee document is issued from the same State in which the office of receiving division office is situated.)
5.	Copy of certificate of compulsory ERP Training issued through LMS of ERP obtained by enlisted contractor either himself or his authorized representative.
6.	Undertaking on structural stability and soundness as per prescribed format Form ‘F’ (Page-12).
7.	Any other document as specified in the NIT

(Notes:- Lowest bidder shall submit the uploaded documents mentioned above within 3 days of opening of bid with the Assistant Executive Engineer, Sub Division- 3C, CPWD, Shram Shakti Bhawan, New Delhi.)

**Assistant Executive Engineer
3C- Sub-Division, CPWD
Shram Shakti Bhawan, New Delhi**

FORM "F"

UNDERTAKING ON STRUCTURAL STABILITY AND SOUNDNESS 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 CPWD, then Engineer-in-Charge shall be free to terminate the bid/agreement and to forfeit the entire amount of earnest money deposit, performance guarantee and security deposits.

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

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

**Signature of notary
with seal of the firm with stamp**

Signature of bidder or an authorized person

Note: Affidavit to be furnished on a 'Non-judicial' stamp paper of Rs. 100/- (scanned copy of the notarized affidavit to be uploaded at the time of submission of bid).

CPWD-7	CPWD
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**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

STATE Delhi	ZONE NDZ –II
BRANCH B & R	DIVISION C- Division

PERCENTAGE RATE BID & CONTRACT FOR WORK

Bid for the work of:- **Renovation of Gents Toilet, Ground Floor at Janpath Bhawan, New Delhi, during 2026-27.**

- (i) To be uploaded online by 15:00 hours on **17/08/2026** to Assistant Executive Engineer, 3-C Sub-Division, CPWD, Shram Shakti Bhawan, New Delhi at <https://etender.cpwd.gov.in>.
- (ii) Bid to be opened **online** in presence of bidders who may be present at **15:30 hours on 17/08/2026** in the office of Assistant Executive Engineer, 3-C Sub-Division, CPWD, Shram Shakti Bhawan, New Delhi.

T E N D E R

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

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

I/We agree to keep the tender open for **30 Days** from the due date of its opening and not to make any modifications in its terms & conditions.

I/We have deposited EMD through online payment mode for the prescribed amount as per the bid document.

In respect of portion of EMD prescribed in the shape of BG, the scanned copy of original Bank Guarantee including e-bank guarantee (as applicable) of any commercial bank having validity for a period of 90 days for single bid or more from the last date of receipt of bids, is to be uploaded. If I/We fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, If I/ We fail to commence work as specified, I/We agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said the 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 re-tendering process of the work.

I / We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department,

**CORRECTION : NIL,
INSERTION : NIL,
OVERWRITING : NIL,
DELETION : NIL,**

AEE, 3-C.

then I/we shall be debarred for bidding in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/ Performance Guarantee.

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 and integrity of the state.

Dated ...***...

Signature of the Contractor

Witness:...***...

Postal Address ...***...

Address: ...***...

Occupation: ...***...

...**...*To be filled by the Contractor*

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:-

I) *

ii) *

iii) *

For & on behalf of the President of India.

Signature

Dated *.....

Designation

*** To be filled in by AEE**

To be filled by the contractor

Form 'A'**Reference of deposition of online payment / and Bank Guarantee including e-Bank Guarantee as EMD****(Receipt No..... Date.....)**

Name of work	:-	Renovation of Gents Toilet, Ground Floor at Janpath Bhawan, New Delhi, during 2026-27.
NIT No.	:-	24/2026-27/C-Div/Delhi/3C
Estimated Cost	:-	Rs. 5,16,046/-
Amount of Earnest money deposit	:-	Rs. 10,321/-
Last date of Submission of Bid	:-	17/08/2026 upto 03:00 PM

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
(EE/AE (P)/AAO) along with Office stamp

To be filled by EMD receiving EE/DDH

PROFORMA OF SCHEDULES	CPWD
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PROFORMA OF SCHEDULES**SCHEDULE 'A'**

Schedule of quantities of Civil Works: -Page No.50 to 58

SCHEDULE 'D'

General/Special Conditions Civil work	As per page -30 to 35
Condition for Cement & Steel Civil Work	As per page-36 to 38
General Specification for Civil work	As per page- 39 to 41
List of approved make of Civil work	As per page – 43 to 45

SCHEDULE 'E'

1.	Reference to General Conditions of contract	General Condition of Contract for CPWD works – 2023 (Maintenance work) modified and amended up to date
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Name of Work:

Renovation of Gents Toilet, Ground Floor at Janpath Bhawan, New Delhi, during 2026-27.

Estimated Cost of Work :

Rs. 5,16,046/-

(i) 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.

(ii) Security Deposit:

2.50% of Tendered value

SCHEDULE 'F'**General Rules & Directions:**

Officer inviting tender

: **Assistant Executive Engineer, 3-C
Sub -Division, CPWD, Shram
Shakti Bhawan, New Delhi**

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**Definitions:**

2(v) Engineer-in-Charge

: **Assistant Executive Engineer, 3C-
Sub-Division, CPWD, Shram
Shakti Bhawan, New Delhi**

**CORRECTION : NIL,
INSERTION : NIL,
OVERWRITING : NIL,
DELETION : NIL,**

AEE, 3-C.

2(viii) Accepting Authority	:	Assistant Executive Engineer, 3C-Sub-Division, CPWD, Shram Shakti Bhawan, New Delhi.
2(x) Percentage on cost of materials and Labour to cover all overheads and profit	:	15% (except 7.5% on supply items)
2(xi) Standard schedule of Rates	:	Market Rate & DSR 2023 with upto date correction slips.
2(xii) Department	:	Central Public Works Department
9(ii) Standard CPWD contract form	:	CPWD form – 7, GCC 2023 (Maintenance work) as modified/amended upto date till the last date of receipt of tender or extended date

Clause-1

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

Clause 2.

Authority for fixing compensation under Clause 2.	:	Chief Engineer, NDZ-II, CPWD, New Delhi
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Clause 2A

Whether Clause 2A shall be Applicable	:	yes
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Clause 5/ 5A:	:	Clause 5
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Number of days from the date of issue of letter of acceptance for reckoning date of start Mile stone(s) as per table given below	:	10 days
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Milestone(s) as per table given below:- : Not Applicable

Table of Mile Stone (s)

**CORRECTION : NIL,
INSERTION : NIL,
OVERWRITING : NIL,
DELETION : NIL,**

AEE, 3-C.

Sl. No.	Description of Mile Stone (Physical)	Time allowed in days (from date of start)	Amount to be withheld in case of non-achievement of milestone
1			
	-NA-		

Authority to decide:	
(i) Authority to convey the decision of Milestone and extension of time	Assistant Executive Engineer, 3C- Sub-Division, CPWD or successor thereof
(ii) Authority to decide rescheduling of Milestone and extension of time	Chief Engineer NDZ-2, CPWD, New Delhi or successor thereof
(iii) Shifting of date of start in case of delay in handing over of site	Chief Engineer NDZ-2, CPWD, New Delhi or successor thereof

Time allowed for execution of work : **30 (Thirty) Days**

Clause 6

Electronic Measurement Book (EMB)

(i) Mode of measurement : **Electronic Measurement Book (EMB) through CPWD ERP Portal Measurement to be recorded jointly by department and contractor**

Clause 7

Gross work to be done together : **Rs. 5,16,046/-**
 With net payment/adjustment of advances for material collected
 If any, since the last such payment for
 Being eligible to interim payment

Clause 7 (A) Whether clause 7A shall be Applicable : **Yes**

Clause 10 A

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

Clause 10 B (ii)

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

Clause 10 C : **Applicable (25%)**

Component of labour expressed as Percentage of value of work. :

Clause 10 CC : **Not Applicable**

Clause 11

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

Clause 12

Type of Work:-	Maintenance work
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**CORRECTION : NIL,
 INSERTION : NIL,
 OVERWRITING : NIL,
 DELETION : NIL,**

AEE, 3-C.

The completion cost for maintenance work shall not exceed 1.5 times of the tendered amount.

12.2 (c) Deviation limit beyond which clause 12.2 (C) shall apply for Building work. : NO LIMIT
(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 earth work Sub-Head in DSR 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:	Chief Engineer, NDZ-II, CPWD or his successor
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-----	} Engineer-In-Charge
Clause 19D	Authority to decide penalty for each default-----	
Clause 19G	Authorities to decide penalty for each default-----	
Clause 19K	Authority to decide penalty for each default-----	

Clause 25 : **As Applicable**

Clause 32 : **Not Applicable**

Clause 38

- I) (a) Schedule/statement for determining theoretical quantity of cement & bitumen : Delhi Schedule of Rates 2023
- II) Variations permissible on 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% plus only and nil on minus side.
- (c) Steel Reinforcement and structural steel sections for each diameter, section and category : 2% plus/minus

(d) All other materials.

: NIL

**Assistant Executive Engineer
3C -Sub-Division, CPWD
Shram Shakti Bhawan, New Delhi**

केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/SOP- 2022/19

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Nirman Bhawan, New Delhi

Dated: 10.11.2023

Sub: Modifications in SOP No. 4/1, 5/1, 5/2, Annexure-21, Annexure-22 and Annexure-23 of SOP for CPWD Works Manual-2022 – Receipt and refund of EMDs online through e-gateway of SBI for e-tendering as pilot cases - regarding.

Following modifications in SOP no. 4/1, 5/1, 5/2, Annexure-21, Annexure-22 and Annexure-23 of SOP for CPWD Works Manual-2022 regarding earnest money deposit (EMD) through e-tendering are made as under and shall only be applicable for CPWD divisions C, E, I, N and Central Secretariat under ADG (Delhi) as pilot cases with immediate effect:-

Existing Provisions	Modified Provisions
SOP No. 4/1: E-Tendering (Refer Para 4.4 (3))	SOP No. 4/1: E-Tendering (Refer Para 4.4 (3))
14. Information and instructions for tender inviting authority for e-tendering	14. Information and instructions for tender inviting authority for e-tendering
(ii) The NIT approving authority/ Tender inviting authority at the time of issue of NIT also fills and upload the following prescribed format of receipt of deposition of original EMD along with NIT:-	No change
Receipt of deposition of original EMD	Reference of deposition of online payment / and Bank Guarantee including e-Bank Guarantee as EMD
(Receipt No. / date)	(Receipt No. / date)
1. Name of work *	No change
2. NIT No. *	No change
3. Estimated cost *	No change
4. Amount of Earnest Money Deposit ... *	No change
5. Last date of submission of bid *	No change
(*To be filled by Tender inviting authority/NIT approving authority at the time of issue of NIT and uploaded along with NIT)	(*To be filled by Tender inviting authority/ NIT approving authority at the time of issue of NIT and uploaded along with NIT).

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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 (# To be filled by EMD receiving EE/DDH)	No change No change No change No change No change
SOP No 5/1: Mode of Deposit Earnest Money (Refer Para 5.1.3 (1)) 1. The Earnest Money is accepted only in the following forms: (i) <i>Banker's Cheque of a Commercial Bank</i> (ii) <i>Account Payee Demand Draft of a Commercial Bank</i> (iii) <i>Fixed Deposit Receipt (FDR) of a Commercial Bank</i> (iv) <i>Insurance Surety Bonds</i> (v) <i>Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from a Commercial Bank.</i> 2. A part of earnest money is acceptable in the form of Bank Guarantee including e- 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 issued by a Commercial Bank. 3. <i>The FDR is pledged in favour of the tender inviting authority. It is in the tenderer's own interest to keep the FDR valid as long as it is required.</i> 4. If the banks are closed on the last date of submission of tenders, the date is postponed suitably.	SOP No 5/1: Mode of Deposit Earnest Money (Refer Para 5.1.3 (1)) 1. The Earnest Money is accepted through Online Payment mode and Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from a Commercial Bank. 2. A part of earnest money is acceptable in the form of Bank Guarantee including e-Bank Guarantee also. In such cases 50% of earnest money or Rs. 20 lakh whichever is less, will have to be deposited through online payment mode and balance can be accepted in form of Bank Guarantee including e-Bank Guarantee issued by a Commercial Bank. 3. Deleted 4. No change.

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5. The MSME firms registered in NSIC under PP policy are exempted from payment of EMD for supply of goods and services only. 6. For bid submission the contractor deposits the original EMD in the office of Engineer-in-Charge AE/DOH/ADH inviting bids or division office of any Engineer-in-Charge within the period of bid submission. <i>The EMD document is issued from the place in which the office of receiving division office is situated.</i> The Bank Guarantee including e-Bank Guarantee submitted as a part of Earnest Money is valid for a period of 90 days for single bid works and 180 days for two bid system or more from the date of submission of the tender.	5. No change. 6. Original Bank Guarantee (for balance amount as prescribed) shall be deposited by the contractor in the office of Engineer-in-Charge inviting bids or division office of any Executive Engineer within the period of bid submission. The Bank Guarantee document is issued from the same State in which the office of receiving division office is situated. No change.
SOP No. 5/2: Refund of Earnest Money (Refer Para 5.1.4 (1)) 1. The earnest money given by all the tenderers except the lowest tenderer is 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. <i>Entry of Demand Draft/ Banker's cheque received as earnest money with the tenders is kept in the Tender Opening Register, and these need not be deposited in the Bank except for the lowest tenderer, if required.</i>	SOP No. 5/2: Refund of Earnest Money (Refer Para 5.1.4 (1)) 1. No Change. Deleted

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No Provision 2. The Engineer in Charge periodically reviews the Tender Opening Register with a view to ensure that the earnest money is refunded in time. It is the responsibility of Divisional Accountant to ensure that Earnest Money is refunded to unsuccessful tenderers in time specified above. 3. If the departmental officer desires that an item of earnest money deposit, instead of being refunded, be carried to the credit of the Government in the Consolidated Fund, he/she records the fact on the Deposit Receipt and in his/her initial records, and requests the Accounts Officer to effect necessary adjustment in Accounts.	2. EMD collected through Online mode, shall be refunded/ forfeited to the bidders through the e-tendering portal in the following manner: a. Bidder(s) shall initiate refund of Earnest Money Deposit through online mode for bid withdrawn by bidder before bid submission closing date and tender cancelled by tender inviting authority without its opening. b. Tender Inviting authority shall initiate refund/ forfeit of Earnest Money Deposit collected through online mode in the scenario(s) other than mentioned at S. No. 2 (a) above. 3. No change. 4. No Change.
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[Signature]
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Annexure-21
(Refer SOP No. 4/8 & 4/9)
CPWD-6 FOR E-TENDERING

9. Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e- Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (drawn in favour of Executive Engineer) shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of 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 including e- Bank Guarantee of any Commercial bank having validity for a period of 90 days for single bid works and 180 days for two bid system or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

Annexure-21
(Refer SOP No. 4/8 & 4/9)
CPWD-6 FOR E-TENDERING

9. Earnest Money will be paid online through CPWD e-Tendering platform 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 lac, whichever is less, shall have to be deposited through **online payment mode**, and balance may be deposited in shape of Bank Guarantee including e-Bank Guarantee any Commercial bank having validity for a period of 90 days for single bid works and 180 days for two bid system or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

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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.	No change.
Copy of Enlistment Order and certificate of work experience and other documents as specified in the notice inviting e- tender shall be scanned and uploaded on the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in e- tender notice shall have to be submitted by the lowest bidder within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders,	No change
<i>whose original EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.</i> The bid submitted shall be opened at 03:30 PM on	Who has deposited EMD online through CPWD e-tendering portal and Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from a Commercial Bank on CPWD e-tendering platform and other documents scanned and uploaded are found in order. No change. <i>R K SINGH</i> EE(Manual) 10.11.2023 6/8

**ANNEXURE-22
INFORMATION AND
INSTRUCTIONS FOR BIDDERS
FOR E-TENDERING FORMING
PART OF BID DOCUMENT
(Applicable for inviting open bids)**

4. But the bid can only be submitted after deposition of original EMD

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

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

Insurance Surety Bond, Demand Draft/ Account Payee Banker's Cheque / FDR/ Bank Guarantee of any commercial Bank against EMD.

**ANNEXURE-23
INFORMATION AND
INSTRUCTIONS FOR BIDDERS
FOR e-TENDERING FORMING
(Applicable for inviting bids on 2/3
bid system)**

5. But the bid can only be submitted

**ANNEXURE-22
INFORMATION AND INSTRUCTIONS
FOR BIDDERS FOR E-TENDERING
FORMING PART OF BID DOCUMENT
(Applicable for inviting open bids)**

4. But the bid can only be submitted after deposition of EMD **through Online Payment mode and original Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed)**

..... either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents and Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of **original Bank Guarantee** and other documents as specified.

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

Scanned copy of original Bank Guarantee including e-Bank Guarantee of any commercial Bank against EMD.

**ANNEXURE-23
INFORMATION AND INSTRUCTIONS
FOR BIDDERS FOR e-TENDERING
FORMING
(Applicable for inviting bids on 2/3
bid system)**

5. But the bid can only be submitted after

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after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand draft or Banker's Cheque or Fixed Deposit Receipts or/ and Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified.	deposition of EMD through Online Payment mode and original Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents and Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of Executive Engineer as mentioned in NIT, receipt for deposition of original Bank Guarantee and other documents as specified.
List of Documents to be scanned and uploaded within the period of bid submission: Copy of receipt for deposition of original EMD to division office of any EE, CPWD.	List of Documents to be scanned and uploaded within the period of bid submission: Scanned copy of original Bank Guarantee including e-Bank Guarantee of any commercial Bank against EMD.

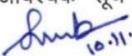
This is issued with the approval of DG CPWD.


(वी. पी. साहु)
16.11.2023

अधीक्षण अभियंता (सी.एंड एम.)

Issued from file No. CSQ/CM/16(1)/2023, e- file 9134857

केलोनिति तथा लोनिति दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु (केलोनिति वेबसाईट के माध्यम से)।


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Part-B
General/Specific Condition,
Specifications and schedule
of quantity applicable to
Civil work

General Conditions

1. Unless otherwise provided in the Schedule of Quantities the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building and nothing extra shall be payable to him on this account. Payment for centering, shuttering, however if required to be done for heights greater than 3.5m shall be admissible at rates arrived at in accordance with Clause-12 of the agreement if not already specified.
2. The contractor shall make his own arrangements for obtaining electric connections if required and make necessary payments directly to the department concerned.
3. Other Agencies doing works related with the project will also simultaneously execute the works and the contractor shall offer necessary facilities for the same. The contractor shall leave such necessary holes, openings etc. for laying works of pipes, cables, conduits, boxes and hooks for fan clamps etc. as may be required for other agencies conduits for electrical wiring/cables will be laid in a way that they leave enough space for centering and do not adversely affect the structural members. Nothing extra over the agreement rates shall be paid for the same.
4. Some restriction may be imposed by the security staff etc. on the working and for movement of labour, materials etc. the contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on this account.
5. The building work will be carried out in the manner complying in all respects with the requirements of relevant by laws of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-charge and nothing extra will be paid on this account.
 - (a) The work of water supply internal sanitary installations and drainage work etc. shall be carried out as per local Municipal Corporation or such local body Bye-Laws and the contractor shall produce necessary completion certificate from such authorities after completion of the work.
 - (b) Water tanks, taps, sanitary, water supply and drainage pipes, fittings and accessories should conform to bye-laws and specifications of the municipal body/corporation where CPWD specifications are not available. The contractor should engage licensed plumbers for the work and get the materials (fixtures/fittings) tested by the Municipal body/Corporation authorities wherever required at his own cost.
 - (c) 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.
6. 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 whatever shall be payable to the contractor for the test.
7. **The Contractor shall submit authenticated copies of itemized bills of the materials which has to be entered in the M.A.S. Register Viz Steel, Cement, Bitumen, Paint, Water Proofing materials or any other item required for execution of work Authenticated copies of itemized bill must be obtained by field staff / authorities from the agencies / contractor before settling payments.**
8. **(i) Testing of Materials:-**
 - (a) The contractor shall produce all the materials in advance so that there is sufficient time for testing and approving of the material and clearance of the same before use in work.
 - (b) With a view to avoid controversy about quality of cement concrete as revealed in the test results of 7 days cubes falling short of the prescribed standards by over 10% to 20% and pending, testing of balance 3 cubes for 28 days as final confirmatory acceptance test, crushed samples of cement concrete from the failed 7 days cubes should be preserved in a sealed bag.
 - (c) In case of concrete and reinforced concrete work the contractor shall be required to make arrangement for carrying out compression strength tests at his own cost. He shall render all assistance for the preparation of cubes, safe custody of the same proper curing and carriage

- upto the laboratory where the test is to be performed. The cube tests can be performed at any laboratory approved by the Engineer-in-charge.
- (d) All Testing of material shall be done as per clause 10.A of Agreement.
 - (e) **The contractor shall bear all charges and cost of testing of materials for all mandatory test required as per CPWD Specification 2019 Vol. –I & II. For non-mandatory test of material if testing is required than only the testing charges shall be borne by the department if the material passes the tests conducted.**
9. The structural and architectural drawings shall at all times be properly correlated before executing any work. However in case of any discrepancy in the item given in the Schedule of Quantities appeared with the tender and architectural drawings relating to the relevant item, the former shall prevail unless and otherwise given in writing by the Engineer-in-charge.
 10. The contractor shall bear all incidental charges for cartage, storage and safe custody of material issued by department.
 11. (a) For the purpose of recording measurements and preparing running account bills, the abbreviated nomenclature indicated in the publications abbreviated nomenclature of item of DSR-2023 shall be accepted. The abbreviated nomenclature shall be taken to cover all materials and operations as per the complete nomenclature of the relevant items in the agreement and other relevant specifications.
(b) In the case of items for which abbreviated nomenclature is not available in the above sited publication and also in case of extra and substituted items of work for which abbreviated nomenclature is not provided in the agreement the full nomenclature of items shall be reproduced in the measurements books and bill forms for running account bill.
The full nomenclature of the items shall be adopted in preparing abstracts of final bill in the measurement book and also in the bill form for final bill.
(c) **All measurements of all items having financial value shall be entered by the contractor and compiled in the shape of the Electronic Measurement Book (EMB) through CPWD ERP portal and Computerized Level Book (CLB) having pages of A-4 size as per the format of the department so that a complete record is obtained of all the items of works executed under the contract.**
In case of EMB, the contractor shall record measurement online on ERP Portal and shall raise RFI(Request for Inspection)online for checking the online measurements by the Engineer-in-Charge or his/her authorised representative as per programme or interval fixed in consultation with Engineer-in-Charge and/or his/her authorised representative. If after verification by the Engineer-in-Charge and/or his/her authorised representative, any change is required, then Engineer-in-Charge and/or his/her authorised representative seeking the change shall return the online rejected measurements to the contractor for incorporating the changes. The contractor shall resubmit such measurements online after making necessary changes. All the changes are to be finally authorised by the Engineer-in-Charge and/or his/her authorised representative.
 12. The contractor will have to work according to the programme work decided by the Engineer-in-charge. The contractor shall also construct a sample unit complete in all respect within time specified by the Engineer-in-charge and this sample, unit shall be got approved from the Engineer-in-charge before mass construction is taken up. No extra claim what so ever beyond the payments due to agreement rates will be entertained from contractor on this account.
 13. The contractor shall take instructions from the Engineer-in-charge for stacking of materials in any place. No. excavated earth or building materials shall be stacked on areas where other buildings, roads, services of compound walls are to be constructed.
 14. As per municipal rules the huts for labour are not to be erected at the site of work by the contractors. Contractors are required to provide such accommodation as it acceptable to local bodies and nothing extra shall be paid on this account.

15. **INTEGRAL WATER PROOFING:-**The contractor must associate himself with the specialized firm to be approved by the Engineer-in-charge in writing, for integral cement based water proofing treatment for sunken floor and on roofs, 10 years guarantee in prescribed Performa attached must be given by the specialized firm, which shall be counter signed by the contractor, token of his overall responsibility. In addition 10% (Ten Percent) of the cost of these items would be retained as guarantee to which the performance of the work done. If any defect is noticed during the guarantee period, it should be rectified by the contractor within seven days and if not attended to the same will be got done by another agency at the risk and cost of the contractor. However, this security deposit can be released in full, if bank guarantee of equivalent amount for 10 years is produced and deposited with the department. While tendering the contractor must give.
- (a) The name of specialized firm.
 - (b) The trade names of the product, which would be used.
 - (c) List of works where this treatment has been used.
16. **A.P.P. WATER PROOFING:-**The contractor must associate himself with the specialized firm to be approved by the Engineer-in-charge in writing, for **A.P.P.** water proofing treatment on roofs, 10 years guarantee in prescribed Performa attached must be given by the specialized firm, which shall be counter signed by the contractor, token of his overall responsibility. In addition 10% (Ten Percent) of the cost of these items would be retained as guarantee to which the performance of the work done. If any defect is noticed during the guarantee period, it should be rectified by the contractor within seven days and if not attended to the same will be got done by another agency at the risk and cost of the contractor. However, this security deposit can be released in full, if bank guarantee of equivalent amount for 10 years is produced and deposited with the department. While tendering the contractor must give.
- (a) The name of specialized firm.
 - (b) The trade names of the product, which would be used.
 - (c) List of works where this treatment has been used.
17. If any tender found with any shortcoming that tender will not be considered and rejected in first instance.
18. The work shall be carried out as per CPWD specification 2019 Vol-I to II with upto date correction slips and as per IS: Code, where specification and IS: Code are silent the decision of Engineer-in-charge shall be final and binding on the contractor.
19. Income tax, work contract tax and cesses shall be recovered from the contractor on gross amount of the bill as per prevailing rates.
20. Any damage caused during execution of work shall be made good by the contractor at his own cost and nothing extra shall be paid/claimed on this account.
21. All material shall be got approved from the Engineer-in-charge before start of work.
22. The disposal of malba shall be carried out daily and will be disposed off in dumping dust bin near dumping ground at ground floor of the building as directed by Engineer-in-charge. Nothing extra shall be paid on this account.
23. Nothing extra shall be paid on account of wastage of labour etc. due to security/restricted area. All the building under C-Division are in restricted area and worker can only enter with the permission of Chief Security Officer, Ministry of Defence or Ministry of Home Affairs and material can be brought only after getting the permission of truck from Chief Security Officer, Ministry of Defence of Ministry of Home Affairs & Assistant Commissioner of Police or Deputy Commissioner of Police of Delhi Police, what so ever is required by Chief Security Officer, Ministry of Defence or Ministry of Home Affairs and Assistant Commissioner of Police of Deputy Commissioner of Police of Delhi Police such as the name, address & photo of the worker & Vehicle Name etc. for getting permission it is to be provided by the contractor. Nothing extra shall be paid on this account.

24. If any tenders, which propose any alternation in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other condition of any sort including conditional rebates will be summarily rejected.
25. All dismantled material received after dismantling shall be deposited at Enquiry office to the concerned Junior Engineer-in-charge and nothing extra shall be paid on this account.
26. Site should be left neat and clean after completion of work.
27. The contractor shall have to arrange security passes on his own for his men, for workers by submitting all required details of workers viz photo, ID proof etc. to the office of Assistant Engineer for forwarding the same to security office. Delay for getting passes from security office due to late submission of application or non-submission of all required documents will be the sole responsibility of the contractor.
28. In case of any dispute/litigation with labour the contractor shall be solely responsible and in no case the department will be responsible on account of any liability.
29. 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.
30. In Case of extension of agreement due to delay/reduction in scope of work: no claim in account of reduction in value of work, loss of business, loss of profit, consequently overheads, any type of interest etc. shall be entertained.
31. **Work shall be carried out at site round the clock i.e. day and night no extra labour charge shall be paid on this account separately.**
32. **Contractor has to bring samples of preferred brands as per list of approved make only and Engineer in Charge shall approve one sample out of the samples brought by the contractor. The contractor has to use material of that approved sample only. The decision of Engineer- in-Charge in this regard is final and binding.**
33. **The contractor has to submit all the supply item approved by the Engineer-in-charge within one month from the date of start of the work to the work site otherwise Rs. 50,000/- per month will be recovered from the bill.**
34. **Any Complaints should be attend within 24 hours, failing which Rs. 1000/- per complaint per day will be recovered from bill.**
35. **Full quantity of material such as paint plastic emulsion paint, oil bound distemper etc. shall be deposited in sealed container in advance and get it checked by Engineer-in-charge before use.**
36. **If the contractor intends to change any labour, prior approval should be taken from the Engineer- in- charge the credentials of (Details, Experience, Aadhar Card etc.) the substitute has to be submitted along with the application for approval. The labour will only be substituted after the approval of Engineer-in-Charge, the decision of which is final and binding.**
37. **All the testing has to be carried out either from Govt. Laboratories or Private Laboratories approved by ADG (Delhi Region) and having valid licence and approval at the time of testing.**
38. **It shall be mandatory for the bidder to submit the self-attested copies of Tax paid bills of the materials entered in MAS Register viz., Steel, Cement, Bitumen, Paint, Primer, Distemper, Varnishes, Tile Adhesive, Admixtures, Anti Termite Chemical, Water Proofing compound material or any other item as directed by the Engineer-in-charge at any point of time during the execution of the work. Also, the onus of genuineness of Tax Paid bill will rests with the bidder.**

ADDITIONAL CONDITIONS FOR INTERNAL & EXTERNAL PAINTING WORKS

1. The contractor shall see the site conditions before quoting the rates. The rates for different items of works shall apply for all heights and depth unless otherwise specified.
2. The works is required in piece meal manner in building and work shall be started at very short notice and be completed as per program decided and as per the convenience of occupants.
3. At a particular time contractor may have to undertake work in different area by engaging at least ten painters and ten beldars/coolies in each of the places Failing which, if it is felt that building will not be completed in fix time schedule, the department will deploy required number, of painter/coolie & cost of wages will be recovered from the contractor.
4. Any failure to fulfil the above cited and following conditions shall amount to forfeit the claim of contractor to quote the same kind of tenders in future.
5. Before starting the work the contractor shall have to prepare one sample of all items / shade should be got approved from the Engineer In charge. Only after acceptance of sample work, contractor will be allowed to commence the work and sample is to be preserved by contractor till the whole work is completed. The quality of work should confirm to the approved samples.
6. Splashes on the floor, walls glasses & other places must be removed after completion of work. Glass panes must be cleaned after completion of works. In the event of failure to clean splashes the work of cleaning will be got done at the risk and cost of the agency.
7. Payment for a building shall be made only after completion of full scope of work required in main building, part of building compound wall etc. and after removal of splashes of paint and cleaning of glass panes and splashes marks on marks skirting / dado, frames etc. this is to be done immediately after the completion of painting work. In the event of work splashes on the floors, walls, glasses & other places must be removed after completion of works. Glass panes must be cleaned after completion of work. In the event of failure to clean splashes the works of cleaning will be got done at the risk and cost of the agency.
8. Sundries such as brusher, sand paper, scaffolding, old dhoties, colour pigment (strainer tubes) and chalk mitti (whiting) etc. will be arranged by the contractor. For which no extra payment shall be made.
9. All ceilings of main building and servant quarters shall be done in one or more coats unless and until permitted for scrapping and two or more coats of wash. Nothing extra shall be paid for any extra height.
10. Contractor shall be required to make arrangement for plastic/cotton sheets for use in building during repairs to protect floors, furniture, carpets, shelves etc. from splashes, dust, dirt, mortars dropping and damages etc. for which no extra payment shall be make.
11. Empty containers against the material issued departmentally shall have to be returned to the Junior Engineer immediately on the same day after the use on work and the contractor will responsible for the loss of containers failing which no further material will be issued, AE / JE may issue material if feasible / suitable and retain empty container with them.
12. White oil bound distemper plastic emulsion paint synthetic enamel paint shall be issued to the contractor. He will arrange for the strainer of required shade and nothing extra shall be paid for it.
13. Contractor and / or his duly authorized representative shall have to have contact with Engineer in-charge AE / JE twice a day for obtaining the execution programme.
14. Acrylic smooth exterior painting/ plastic emulsion painting/ distempering over walls shall only be carried out with application of roller.

15. **The manufacturing date and batch No. will be inscribed or printed on packs/containers by manufacturers are acceptable for all the above said materials. Fresh material shall be brought at site as far as possible and materials more than 04 Months old from the date of manufacturing will be rejected.**
16. The contractor shall have to get the shades of all types of paints, distempers, water proofing cement paint etc. approved from the Engineer-in-charge before procurement of materials.
17. The contractor shall be required to produce samples of all materials sufficiently in advance to obtain approval of the Engineer-in-charge. Subsequently the materials to be used in the actual execution of the work shall strictly conform to the quality of samples approved. In case of variation, such materials shall be liable to rejection.

SPECIAL CONDITIONS FOR CEMENT & STEEL

1. The contractor shall at his own expense procure and provided all materials including cement and steel required for the work.
2. The contractor shall procure all the materials in advance so that there is sufficient time to testing and approving of the materials and clearances of the same before use in work.
3. All the materials brought by the contractor for use in the work shall be got checked from Engineer-in-charge or his authorized representative of the work on receipt the same at site before use.
4. **Contractor has to produce manufacture's test certificate for each of lot of cement and steel procured at site.**

1. **CONDITION FOR CEMENT**

- (a) The contractor shall procure 43 grade (Conforming to IS:269, IS:8112 or IS:12269) ordinary Portland cement required in the work from reputed manufactures of cement. Supply of cement shall be taken in 50kg bags bearing manufacture's name and ISI making, along with manufactures test certificate for each lot sample of cement arranged by the contractor shall be taken by the Engineer-in-charge and got tested in accordance with provision of relevant BIS code. The cement for such testing purpose shall be supplied by the contractor free of charge. In case results indicate that the cement arranged by the contractor does not conform to the relevant BS 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.
- (b) Double lock provision shall be made to the door of the cement go-down. The keys of one lock shall remain with the Engineer-in-charge or his authorized representative and the key of 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 facilities the inspection of the cement go-down by the Engineer-in-charge at any time.
- (c) The actual issued and consumption of cement of work shall be regulated and proper accounts, maintained as provided in Clause10 of the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in clause-38 of the contract and shall be governed by the conditions lain therein.
- (d) If the quantity of cement actually used in the work is found to be more than the theoretical quantities of cement including allowed variation, nothing extra shall be payable to the contractor on this account. 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 as herein before provided (allowing variation on the minus side as stipulated in Clause – 38), the cost of quantity of cement not so used, recovery shall be made in accordance with condition of contract at schedule A to F (CPWD 7/8) without prejudice to action for acceptance of work/item at reduce rate or rejection as the case may be. For non-scheduled items, the decision of the Superintending Engineer, regarding theoretical quantity of the cement, which should have been actually used, shall be final and binding on the contractor.
- (e) Cement brought to the site and cement remaining unused the same shall be removed from the site after completion if work by the contractor at his own cost after approval of the Engineer-in-charge.
- (f) In the case contractor brings surplus quantity of cement the same shall be removed from the site after completion of work by the contractor at his own cost after approval of the Engineer-in-charge.
- (g) The cement in bags shall be stacked by the contractor in two godown. One for fresh arrival of cement to be tested for quality and another tested in. The godowns shall be having weather proof roof and

walls and on a proper floor consisting of two layers of dry bricks laid on well consolidated earth at a level at least 30cm above the ground level. These stacks shall be in rows of two bags deep and 10 bags high with a minimum of 60cm. Clear space all around. The bags should be placed horizontally continuous in each line as shown in the sketch given in CPWD Specification – 2019 (Volume-I & Volume-II). The sketch is only for guidance. Actual size/shape of go-downs shall be as per site requirement and nothing extra shall be paid on this account.

- (h) Cement register for the cement shall be maintained at site. The account of daily receipt and issue of cement should be maintained in the register by the authorized representative of the Engineer-in-charge and signed daily by contractor or his authorized agent.
- (i) Cement that is not used within 90 days from its date of manufacture shall be tested at laboratory approved by the Govt. until the result of such tests are found satisfactory, it shall not be used in any work.

2. **CONDITIONS FOR REINFORCEMENT STEEL.**

- (a) The contractor shall procure cold twisted steel reinforcement bars conforming to IS:432 or IS:1786 as per specifications detailed hereunder **from main producers/secondary producers as approved by the Ministry of Steel. The contractor shall have to obtain original purchase invoice or mother invoices accompanied with duly endorsed test certificates and furnish to the Engineer-in-charge in respect of all the lots of steel brought by him from approved suppliers to the site of work.** It is to be ensured that the test certificates correlate and correspond to the site work with the details of wagon or vehicle no. in the original purchase invoices. Samples shall also be taken and got tested by the Engineer-in-charge as per the provisions contained in relevant BIS codes. In case the test result indicates 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 of written orders from the Engineer-in-charge to do so. Unless specified elsewhere in the contract document, the testing shall be done as per sample taken given below:-

SIZE OF BAR	FOR CONSIGNMENT BELOW 25 TONES
UNDER 10mm dia	One sample for each 10 tonnes or part thereof.
OVER 10mm dia	One sample for each 15 tonnes or part thereof.

- (b) The steel reinforcement shall be brought in supply of 10 tons or more as decided by Engineer-in-charge along with manufacture's test certificate for each lot.
- (c) The steel reinforcement shall be stored by the contractor at site of work about 30cm to 45cm above ground. A coat of cement wash shall be given to steel bars which stored at site for long duration so as to prevent corrosion. Nothing extra shall be paid for steel stored separately to facilities easy counting and checking.
- (d) The actual issue and consumption of steel on work shall be regulated and proper account maintained as provided in clause 10 of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in clause 38 of the contract and shall be governed by condition laid therein.
- (e) The actual issue of steel shall be actual weight of total quantity of steel received at the site less actual weight of balance quantity steel lying unutilized at the work site.
- (f) Steel brought to site and steel remaining unused shall not be removed from site without the written permission of the Engineer-in-charge.
- (g) In case the contractor brings surplus quantity of steel, the same will be removed from the site by the contractor after completion of work at his own cost by approval of the Engineer-in-charge.

- (h) The mild steel and medium tensile steel bars to be used shall conform to latest version of IS: 432 and cold twister bars shall conform to the latest version of IS: 1786.
- (i) Reinforcement including authorized spacer bars and overlapping shall be measured in length of different diameters as actually (not more than as specified in the drawings) used in the work nearest to a centimeter. Wastage and unauthorized overlaps shall not be measured.
- (ii) The standard sectional weights referred to as in Table in para 5.3.4 in CPWD specifications 2019 for work will be considered for conversion of length of various size of M.S. Bars, Tor steel Bars in to Standard weight.
- (iii) Records of actual sectional weight shall also be kept dia-wise and lot wise. The average sectional weight for each diameter shall be arrived at from samples from each lot of steel received at site. The decision of the Engineer-in-charge shall be final for the procedure to be followed for determining the average sectional weight if each lot. Quantity of each diameter of steel received at site of work each day will constitute one single lot for the purpose. The weight of steel by conversion of length of various sizes of bars based on the actual weighed average sectional weight shall be termed as.

DERIVED ACTUAL WEIGHT:-

If the Derived Actual Weight as in sub-para (iii) above is lesser than the standard weight as in sub-para (ii) above then the Derived Actual Weight shall be taken for payment.

If the Derived Actual Weight is found more than the standard weight the standard weight as worked out in sub-para (ii) above shall be taken for payment. In such case nothing extra shall be paid for the difference between the Derived Actual Weight and the standard weight.

- 3.
 - a) The contractor shall deposit along with cash memos, the materials like Dry distemper, O.B.D. Varnishes, synthetic enamel paint, plastic emulsion, water proofing cement paint, primer, exterior paint etc. in 50% quantity before start of the work.
 - b) The material shall be supplied at the concerned office with Junior Engineer-in-charge of work and will be issued to the contractor for work from Enquiry office wise.
 - c) The material is to be purchased from the authorized dealer and cash memos to this effect is to be produced along with material. It should be ensured that the material is taken from authorized dealers and supported with challans of the manufacture.
- 4. Nothing extra shall be paid to the contractor for excess consumption of materials in case of the materials arranged by him.

GENERAL SPECIFICATIONS:-

- 1.1 The work shall be executed and measured as per metric dimensions given in the Schedule of Quantities, Drawings etc. (F.P.S. units wherever indicated are for guidance).
- 1.2 The following modifications to the above specifications and some additional specifications shall however apply.
 - (i) All stone aggregate and stone ballast shall be of hard stone variety to be obtained from approved quarries at or any other source to be got approved by the Engineer in charge.
 - (ii) Sand to be used for cement concrete work, mortar for masonry and plaster work shall be of standard quality. Sand shall be obtained from other source to be got approved from the Engineer-in-charge and screened as required. The same shall consist of hard siliceous material. It shall be clean sand.
2. Wherever any reference to any Indian standard specification occurs in the documents relating to this contract the same shall be inclusive of all amendments issued there to or revisions thereof, if any, up to the date of receipt of tenders.
3. Unless otherwise specified in the Schedule of Quantities the rates for all items of the work shall be considered as inclusive of pumping out or bailing out water if required for which no extra payment will be made. This will include water encountered from any source, such as rains, floods, and sub-soil water table being high due to any other cause whatsoever.
4. **R.C.C. Work:-**In respect of projected balconies, projected slabs at roof level and projected verandah, the payment for the R.C.C work shall be made under the item, of R.C.C. slab. The payment for centering and shuttering of such items shall similarly be paid under the item of centering and shuttering of RCC slab. Nothing extra shall be paid for the side shuttering at the edges of these projected balconies and projected balconies and projected verandah. All the exposed edge shall however, be finished as per specifications and nothing extra shall be paid for this.
5. **Flooring:-**
 - (i) The rate of items of flooring is inclusive of providing sunk flooring in bathrooms, kitchen etc. and nothing extra on this account is admissible.
 - (ii) The size proportion and colour of marble chips in marble, chips flooring/skirting shall be decided by the Engineer-in-charge and nothing extra shall be payable to the contractor on this account.
 - (iii) The flooring work using combination of different stone shall be as per drawing and as per direction of the Engineer-in-charge. The contractor has to ensure the shade of the stone before quoting the rates in respective items, nothing extra shall be payable on this account.
6. **Wood Work:-**The sample of species of timber to be used shall be deposited by the contractor with the E.E. before commencement of the work. The contractor shall produce cash vouchers and certificates from standard kiln seasoning plant operator about the timber section to be used on the work have been kiln seasoned by them; failing which it would not be so accepted as kiln seasoned.
- 6.1 Factory made shutter as specified shall be obtained from factories to be approved by the Engineer-in-charge and shall confirm to IS: 2202 (Part-1) 1977 (or revised). The contractor shall inform well in advance to the Engineer-in-charge the names and address of the factory where from the contractor intends to get the shutters manufactured. The contractor will place order for manufacture of shutters only after written approval of the Engineer-in-charge. In this regard, the contractor is

bound to abide by the direction of Engineer-in-charge and recommended a name of another factory from the approved list in case the factory already proposed by the contractor is not found competent to manufacture quality shutters. Shutters will however, be accepted only if this meet the specified tests. The contractor will also arrange stage-wise inspection of the shutters at factory by the Engineer-in-charge or his authorized representative. Contractor will have no claim if the shutters brought at site are rejected by Engineer-in-charge in part or in full lot due to bad workmanship/quality.

Such shutters will not be measured and paid and the contractor shall remove the same from the site of work within 7 days after the written instruction in this regard are issued by Engineer-in-charge or his authorized representative.

7. **Steel Work:-**

The rates of Tee/angle iron frame shall include the following:-

- (a) M.S. sill/tie of 16mm dia bar welded to T-iron frames keep the frames vertical in correct position. The sill/tie shall be embedded in floor concrete, no tie is necessary for window frames.
- (b) Each T-iron frame for doors shall have 2 Nos. M.S. lugs 15x3mm, 10cm long welded to each vertical member of the frame.
- (c) M.S. Plate 8x25mm. 10mm long having threaded holes (No. of flats shall correspond to the No. of butt hinges to be fixed to door/ window shutter) shall be welded at appropriate places at the back of the T-iron frames for fixing the required butt hinges to the frame with machine screws M.S. flats 8x25mm, 50mm long with threaded holes, shall be welded to the back of the T-sections to receive the butt hinges for cleats.

The M.S. plate cramps 15x6mm thick for holding arrangement are to be provided and added as per site conditions. The rate is inclusive of the cost of such cramps.

All welded steel work shall be tested for quality of welded laid down in IS:822-1970 before actual erection.

8. **WATER SUPPLY SANITARY INSTALLATION:**

- 8.1 The S.C.I. pipe and G.I. pipe wherever necessary shall be fixed to R.C.C. columns, beams etc, with rawl plugs and nothing extra shall be paid for this.
- 8.2 The contractor shall be responsible of the protection of the sanitary and water supply fittings and other fittings and fixtures against pilferages and breakage during the period of installation and thereafter until the building is handed over.

9. **VARIATION CONSUMPTION OF MATERIALS:-** The variation consumption of material shall be governed as per CPWD specification and clauses of the contractor to the extent applicable. The following specific clause shall govern the variation in consumption of pig lead.

10. **VARIATION IN CONSUMPTION OF PIG LEAD:-**

- 10.1 The pig lead for caulking of joints of SCI pipes shall be issued as per theoretical consumption for SCI pipes of size 102mm, 75mm, 50mm at 0.98 Kg., 0.88 Kg. and 0.77 Kg. per joints respectively. Over and above the theoretical quantities of lead as marked out, variation of 5% shall be allowed for wastage etc. Any difference between the actual consumption of pig lead and theoretical consumption worked out on the above basis including the authorized variation shall be recovered at double the issue rate. Where the pig lead is arranged by the contractor, variation 5% will be allowed. In case variation is on higher side 5% will be allowed. In case

variation is on lower side, the quantity of pig lead used shall be recovered from the contractor at market rate to be determined by Engineer-in-charge whose decision in the matter will be final.

- 10.2 The theoretical quantity of cement to be utilized in item of concrete involving use of single aggregate and mixed by volume batching shall be computed on the basis of the co-efficient for cement to be used in different items of the work provided in DSR reducing each of the co-efficient by 5%. However where the concrete is mixed by weight batching no such reduction shall be made from theoretical co-efficient given in DSR-2023 for concrete with crushed stone aggregate.

Special Condition on Air Pollution from Construction & Demolition Activities

1. The contractor shall not store/ dump construction material or debris on metalled road.
2. 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.
3. The contractor shall take appropriate protection measures like raising wind breakers of appropriate height on all sides of the plot/area using CGI sheets or plastic and/ or other similar material to ensure that no construction material dust fly outside the plot area. **The contractor shall ensure that the construction activity does not cause any air pollution during course of construction and/or storage of material or construction activity. The agency should quote his rates after considering the cost involved in this regard. Nothing extra shall be paid on this account. No claim in this regard shall be entertained.**
4. The contractor shall ensure that all the trucks or vehicles of any kind which are used for construction purposes/ or are carrying construction material like cement, sand and other allied material are fully covered. The contractor shall take every necessary precautions that the vehicles are properly cleaned and dust free to ensure that enroute their destination, the dust, sand or any other particles are not released in air/ contaminate air.
5. 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.
6. 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.
7. The contractor shall ensure that C& D waste is transported to the C& D waste site only and due record shall be maintained by the contractor.
8. The contractor shall compulsory use of wet jet in grinding and stone cutting.
9. The contractor shall comply all the preventive and protective environmental steps as stated in the MoEF guidelines, 2010.
10. The contractor shall carry out on-Road-Inspection for black smoke generating machinery. The contractor shall use cleaner fuel.
11. The contractor shall ensure that all DG sets comply emission norms notified by MoEF.
12. 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 speed reduction. In cases where speed reduction cannot effectively reduce fugitive dust, the contractor shall divert traffic to nearby paved areas.
13. 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.
14. The paving of the path for plying of vehicles carrying construction material is more permanent solution to dust control and suitable for longer duration projects. If for construction activity paving path is required it shall be constructed by the agency at his own cost. The agency should quote his rates after considering this effect, as nothing extra shall be paid on this account. No claim in this regard shall be entertained.

LIST OF APPROVED MAKE OF MATERIALS

Specification/brands names of materials (Refer materials, whichever are applicable for the scope of work) and finishes approved by the **Architect/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 **Architect/Engineer-in-Charge**, (See also conditions of contract)

S. No.	Details of Materials	Manufacturer Name
1.	Ceramic tiles and Glazed tiles (all sizes)	Kajaria, Johnson & RAK
2.	Chequered CC tiles	Nitco, K.K Manhole & Grating Co Pvt. Ltd, &Unistone
3.	Kitchen Sink (Fire Clay)	Parsuram, Sanfire & Hindustan
4.	Vitreous china (WC and wash basin)	Hindware, Parryware, Kohler & Jaquar
5.	PVC/Vitreous Cistern, European WC with seat cover	Hindware, Parryware, Kohler & Jaquar
6.	Vitrified/GVT tiles	Kajaria, Johnson & RAK
7.	Porcelien Tiles	RAK, Johnson & Kajaria
8.	Fireclay Sinks & Drain Board	Parry, Sanfair (Deluxe)
9.	Precast Cement Concrete Tiles	K.K Manhole & Grating Co Pvt. Ltd, NITCO, N.T.C. & Dalal Tile Industries.
10.	Chequered CC tiles	Nitco, K.K Manhole & Grating Co Pvt. Ltd & Unistone
11.	Interlocking Paver Block Precast CC Slab, Kerbstone, Grass Paver	K.K. Manhole & Grating Co Pvt. Ltd., Unistone, Nitco & Dalal tiles Ind.
12.	RMC	ACC, Ultra Tech, Unicon & Readymix
13.	C.I. Cover	RIF, BIC, NECO & SKF
14.	Block Board & Ply Wood	Green ply, Century, Duro & Greenpanel
14(a)	Cement Board	BISON(NCL Industries), Everest & equivalent
15.	PVC /Vitreous Cistern for WC and seat cover	Hindware, Parryware, Kohler & Jaquar
16.	Laminated Wooden Flooring	Vista, Action Tesa & Greenpanel
17.	Lamination sheet	Greenlam, Merino & Century
18.	Door/Cupboard locks	Godrej, Dorset, Kich, Ozone & Hafele
19.	Flush Door	Century, Duro, Greenply, Archid & Greenpanel
20.	Ball valve/Gate Valve non return valve	Zoloto, Sant & Leader
21.	CP Bathroom Fittings	Jaquar, Kohler & Hindware
22.	SS door/window/Cupboard fittings	Hettich, Godrej, Dorset, Dorma & Kich
23.	Modular kitchen accessories	Hettich, Kaff, Ozone & Hafele
24.	Pull out Modular System and carousel and accessories	Hettich, Kaff, Ozone & Hafele
25.	Auto closing Hinges	Hettich, EBCO & Hafele

**CORRECTION : NIL,
INSERTION : NIL,
OVERWRITING : NIL,
DELETION : NIL,**

AEE, 3-C.

26.	Kitchen Sink (Stainless Steel)	Neelkanth, Nirali , Parryware&Jaquar
27.	Structural M.S. Sections	Tata, Jindal, SAIL & RINL
28.	Hot finished welded , seamless and ERW type tubes	TATA , Jindal (Hisar) &Appolo
29.	Steel Fibre Reinforced Concrete, Manhole covers with frame and grating	K.K. Manholes, Gratings, Nitco&Dalal Tiles Ind.
30.	Steel Reinforcement Bars	RINL, TATA, SAIL, Jindal Steel Power Ltd., JSW Steel Ltd.
31.	Aluminium Sections	Jindal &Hindalco
32.	Aluminium Door & Window Fittings	Classic, Argent, Global &Nulite
33.	UPVC pipe	Supreme, Prince &Finolex
34.	UPVC window/doors	Fenesta, Aluplast, AIS &Duroplast
35.	PVC Tank / Loft Tank	Sintex, Polycon, Rotax, Fusion &Sheetal
36.	PVC doors	Jain wood Industries &RajshriPlastiwood
37.	G.I. Sheet of all patterns	SAIL, Tata & Jindal (Hisar)
38.	G.I. Pipe	Jindal (Hisar) and Tata
39.	G.I. Fittings	UNIK, R Brand & KS Brand
40.	Centrifugally cast iron pipes & accessories/ fittings	Neco, Hepco, BIC, RIF & SKF
41.	Stoneware pipes & gully traps	Perfect & Parry
42.	PTMT fittings	Prayag&Polytuf
43.	Hydraulic door closer tubular type aluminium die cast body	Hardwyn, Dorset, Godrej &Kich
44.	Oil bound washable distemper /Acrylic distemper	Berger, Kansai Nerolac, Asian paints & Dulux
45.	Synthetic enamel paint	Berger, Kansai Nerolac, Asian paints & Dulux
46.	Cement Primer	Berger, Kansai Nerolac, Asian paints & Dulux
47.	Water proofing cement paint	Berger, Snowcem Paint & Asian Paints
48.	Plastic/Acrylic emulsion paint	Berger, Kansai Nerolac, Asian paints & Dulux
49.	Acrylic exterior paint with silicone additives	Berger, Kansai Nerolac, Asian paints & Dulux
50.	POP	J.K. Laxmi, Sakarni, Sri Ram, Nirman&Aadhar Shree
51.	Wall Putty	Birla Wall Care, Kamdhenu Wall Putty & JK Wall Care
52.	APP Water Proofing Treatment	Bitumat, Apex, STP Ltd., Torcharmembrance& Bitumen Product Pvt. Ltd., IWL India Ltd. & MAKPHALT
53.	Water proofing compound	CICO, Pidilite, IWL India Ltd., ImpermoAccoproof& MAKPHALT
54.	Anti-corrosive epoxy coating	(NITOZINC PRIMER) of FOSROC, Sikka&Pidilite
55.	Acrylic Shelf	Admiral &Alpina
56.	Tile Adhesive	Laticrete, United, Pidilite, Ferrous &Cico

57.	Cement (OPC/PPC)	Ultratech, ACC & Ambuja
58.	Float Glass	Saint Gobain, Modi & Ashai India
59.	Bevelled Edge Mirror	Modi Guard, Atul & Ashai India
60.	White Cement	J.K. & Birla
61.	Reinforcement cleaning agents	(REEBAKLENS R.R.) of FOSROC or equivalent
62.	Non-re-emulsifying latex bonding	NITOBOND SBR (LATEX) of FOSROC or equivalent
63.	Monkey deterrent spikes	Make- parry moulding, Indolite Devices, Vision Engineering & Monkey king
64.	Frosted decorative sparkle film	LLUMAR & 3M
65.	Glazed GRC Tiles	Unistone & Nitco
66.	FRP doors	Jain wood industries, Ashoo model Arts & Salectual Product Co.
67.	Silicon Sealant	Pidilite, Forsoc, Tuffseal & Choksey Chemical
68.	Dash Fastener	Hilti, Fischer, Bosch, Canon & Wurth
69.	Fibre Glass sheet	Simcryl & Simba
70.	GRG False Ceiling	Diamond international, Metacil of Mancot Industries, Vans Gypsum Pvt. Ltd.
71.	False Ceiling (Tile/Grid)	
	(i) Metal False Ceiling	Armstrong (Knauf), Hunter douglas, Durlum, Gyptech, HI-STEEL, Saint Gobain & Royal Kraft.
	(ii) Gypsum False Ceiling/ Calcium Silicate/GRG Ceiling	USG Boral, Saint Gobain, Aerolite, Interarch, Dexune, Gyptech & HI-STEEL
72.	Low viscosity high Molecular weight thermosetting polymer	CBEX 100 of FOSROC or equivalent
73.	Drapery Rods & Vertical Blinds	Mac, Vista, Levlor & Deck
74.	R.C. matteress, P.U. foam sheet, Plastic dustbin & PVC doormat :-	
	a) R.C. Matteress	Pearl Rupa Super Ortho model, New Ortho of Kurlon model,
	b) P.U. foam (for sofa)	Sleepwell, Kurlon (Heera brand)
	c) P.U. foam sheet	Sleepwell, Kurlon (Heera brand), M.M. foam
	d) Plastic dustbin	Nayasamake, equivalent model of Cello
	e) PVC doormat	Durosoft premium quality
75.	Particle Board	Action Tesa & Marino
76.	Wood Plastic Composite Board	Alstone, Century, ECOCELL & D 'spaze'
77.	Wall paneling	Gyptech
78.	Hybrid Polyurea based Elastmeric water proofing material	Asian Paints, Fosroc, Pidilite & Sika

Note:-

1. All other material/make to be approved by the Engineer-in-Charge confirming to specifications and nomenclature of item and latest IS codes and samples to be kept in safe custody for inspection of senior officers.
2. Contractor has to bring samples as per above preferred brands only and Engineer in Charge shall approve one sample out of the samples brought by the contractor. The contractor has to use material of that approved sample only. No claim in this regard shall be entertained.

CORRECTION : NIL,
INSERTION : NIL,
OVERWRITING : NIL,
DELETION : NIL,

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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 _____ of _____ (hereinafter called the Guarantor of the one part) and the PRESIDENT OF INDIA (hereinafter called the Government of the other part).

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

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said structures will remain water 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 water proofing 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 leakage 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 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 WHEREOF these presents have been executed by the Obligor _____ and by _____ and for and on behalf of the PRESIDENT OF INDIA 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 President of India 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 PRESIDENT OF INDIA (hereinafter called the Government of the other part).

WHEREAS THIS agreement is supplementary to a contract (hereinafter called the Contract), dated _____ and made between the GUARANTOR OF THE ONE part and the Government of the other part, whereby the Contractor, *inter alia*, undertook 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 WHEREOF these presents have been executed by the Obligor _____ and by _____ and for and on behalf of the PRESIDENT OF INDIA 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 President of India by _____

In the presence of –

1. _____
2. _____

On non-judicial stamp paper of minimum Rs. 100

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

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

or**

*Whereas the Executive Engineer (C-Division) CPWD, New Delhi on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number with (name and address of the contractor). (herein after called "the Contractor") for execution of work..... (name of work) The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. (Rupeesonly) 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.

- We, (indicate the name of the bank) (herein after referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs.....(Rupees only) on demand by the Government within 10 days of the demand.
- 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)
- 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.
- 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 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.
- 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, (indicate the name of the Bank).....undertake not to revoke this guarantee except with the consent of the Government in writing.

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

Date.....

Witnesses:

Signature.....

Authorized signatory Name and address

Name Designation Staff code no.

Signature.....

Bank seal

Name and address

SCHEDULE OF QUANTITY					
Name of work:- Renovation of Gents Toilet, Ground Floor at Janpath Bhawan, New Delhi, during 2026-27.					
S.No.	Description of Items	Qty.	Unit	Rate	Amount
SH-I	SUB HEADS : EARTH WORK				
1.1	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.	0.10	cum	196.00	20.00
SH-II	SUB HEADS : CONCRETE WORK				
2.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
2.1.1	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	2.00	Cum	6812.00	13624.00
SH-III	SUB HEADS : RAINFORCED CEMENT CONCRETE				
3.1	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 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).	0.15	Cum	11505.50	1726.00
3.1.1	Centering and shuttering including strutting, propping etc. and removal of form for				
3.1.1.1	Shelves (Cast in situ)	1.00	Sqm	927.25	927.00
3.2	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
3.2.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	22.00	Kg	107.85	2373.00
SH-IV	SUB HEADS : 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)	2.00	Cum	7132.25	14265.00
SH-V	SUB HEADS : CLADDING WORK				

5.1	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.				
5.1.1	Granite stone slab colour black, Cherry/Ruby red				
5.1.1.1	Area of slab over 0.50 Sqm	2.00	Sqm	5136.30	10273.00
5.2	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3Kg per Sqm, including pointing in white cement mixed with pigment of matching shade complete. (size 300x900 mm)	58.00	Sqm	1267.95	73541.00
SH-VI	SUB HEADS : STEEL WORK				
6.1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
6.1.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	100.00	Kg	172.60	17260.00
SH-VII	SUB HEADS : FLOORING				
7.1	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1: 4 (1 cement : 4 coarse sand) :				
7.1.1	25 mm thick	20.00	Sqm	1948.25	38965.00
SH-VIII	SUB HEADS : ROOFING				

8.1	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ Sqm, both side inclusive) consisting of main “T” runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross “T” of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main “T” at 600 mm center to center to form a grid of 1200x600 mm and secondary cross “T” of length 600 mm and size 24x25 mm made of 0.30 mm thick(minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main “T” runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.				
8.1.1	GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/sgm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	20.00	Sqm	1902.95	38059.00
SH-IX	SUB HEADS : FINISHING				
9.1	12 mm cement plaster of mix :				
9.1.1	1:4 (1 cement: 4 fine sand)	30.00	Sqm	347.05	10412.00
9.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
9.2.1	1:4 (1 cement: 4 fine sand)	20.00	Sqm	399.45	7989.00
9.3	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.	100.00	Sqm	156.05	15605.00
9.4	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.				

9.4.1	Two coats	100.00	Sqm	137.45	13745.00
9.5	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content				
9.5.1	With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	100.00	Sqm	73.95	7395.00
9.6	6mm With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre mm plaster on cement concrete or reinforced cement concrete work with white cement based polymer modified self curing mortar of approved make as per the direction of Engineer-In-Charge.	20.00	Sqm	269.15	5383.00
9.7	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.	100.00	Sqm	25.15	2515.00
SH-X	SUB HEADS : REPAIRS TO BUILDING				
10.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.				
10.1.1	With cement mortar 1:4 (1 cement : 4 fine sand)	10.00	Sqm	547.40	5474.00
10.2	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge.	2.00	Each	134.10	268.00
10.3	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 metres lead) as per direction of Engineer in-Charge. (a) Internal Work- Exposed on wall	40.00	Mtr	3.25	130.00
SH-XI	SUB HEADS : DISMANTLING AND DEMOLISHING				
11.1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
11.1.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	2.00	Cum	2434.25	4869.00
11.2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
11.2.1	In cement mortar	2.00	Cum	2060.20	4120.00
11.3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
11.3.1	Of area 3 sq. metres and below	3.00	Each	367.20	1102.00

CORRECTION : NIL,
INSERTION : NIL,
OVERWRITING : NIL,
DELETION : NIL,

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11.4	Dismantling tile work in floors/walls and roofs laid in cement mortar including stacking material within 50 metres lead.				
11.4.1	For thickness of tiles 10 mm to 25 mm	43.00	Sqm	73.40	3156.00
11.5	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.				
11.5.1	Thickness above 10 mm up to 25 mm	21.00	Sqm	77.75	1633.00
11.6	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead :				
11.6.1	100 mm dia pipe	20.00	Mtr	78.00	1560.00
11.7	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	2.00	Each	112.05	224.00
11.8	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	20.00	Cum	263.95	5279.00
SH-XII	SUB HEADS : SANITARY INSTALLATIONS				
12.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:				
12.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests	1.00	Each	6767.40	6767.00
12.2	Providing and Fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, (handle lever), including flush pipe, with manually controlled device conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :				
12.2.1	W.C. pan with ISI marked white solid plastic seat and lid	1.00	Each	6515.55	6516.00
12.3	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				

12.3.1	White Vitreous China Flat back wash basin size 450x 300 mm with single 15 mm C.P. brass pillar tap	3.00	Each	1513.60	4541.00
12.4	Providing and fixing soil, waste and vent pipes :				
12.4.1	100 mm dia				
12.4.1.1	Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989	20.00	Mtr	1180.75	23615.00
12.5	Providing and fixing plain bend of required degree.				
12.5.1	100 mm dia				
12.5.1.1	Sand cast iron S&S as per IS : 3989	2.00	Each	570.05	1140.00
12.6	Providing and fixing single equal plain junction of required degree :				
12.6.1	100x100x100 mm				
12.6.1.1	Sand cast iron S&S as per IS - 3989	2.00	Each	811.90	1624.00
12.7	Providing and fixing collar :				
12.7.1	100 mm				
12.7.1.1	Sand cast iron S&S as per IS - 3989	4.00	Each	513.15	2053.00
12.8	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter :				
12.8.1	100 mm	12.00	Each	622.50	7470.00
12.9	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors :				
12.9.1	100 mm inlet and 100 mm outlet				
12.9.1.1	Sand cast iron S&S as per IS: 3989	2.00	Each	1996.50	3993.00
12.10	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	2.00	Each	168.35	337.00
12.11	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.	6.00	Each	7979.20	47875.00
SH-XIII	SUB HEADS : WATER SUPPLY				

13.1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.				
13.1.1	20 mm nominal dia Pipes	30.00	Mtr	537.60	16128.00
13.2	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :				
13.2.1	32 mm nominal bore	4.00	Each	489.05	1956.00
13.3	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.				
13.3.1	15 mm nominal bore	2.00	Each	798.95	1598.00
13.4	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
13.4.1	15 mm nominal bore	5.00	Each	574.30	2872.00
SH-XIV	SUB HEADS : DRAINAGE				
14.1	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 Kg and frame to be not less than 2.70 Kg as per standard design:				
14.1.1	100x100 mm size P type				
14.1.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	3.00	Each	2707.65	8123.00
14.2	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :				
14.2.1	250 mm dia. R.C.C. pipe	11.00	Mtr	899.80	9898.00
14.3	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality				
14.3.1	L D- 2.5				
14.3.1.1	Circular shape 450 mm internal diameter	5.00	Each	1169.65	5848.00

14.4	Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design :				
14.4.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	3.00	Each	5957.90	17874.00
				Total	472120.00
	Modified Estimated Cost after using Correction factor on DSR 2023 on account of GST @ 0.973				459373.00
SH-XV	SUB HEADS : BASED ON DSR & MARKET RATE				
15.1	Providing and fixing machine cut, mirror/ eggshell polished , Granite/ Leather polished stone work for wall lining (veneer work) including dado, skirting, risers of steps etc., in required design and pattern wherever required, stones of different finished surface texture, on 12 mm (average) thick cement mortar 1:3 (1 cement : 3 coarse sand) laid and jointed with white cement slurry @ 3.3 Kg/Sqm including pointing with white cement slurry admixed with pigment of matching shade, including rubbing, curing, polishing etc. all complete as per Architectural drawings, and as directed by the Engineer-in-Charge.				
15.1.1	18 mm thick Granite stone slab colour black, Cherry/Ruby red	3.00	Sqm	8393.10	25179.00
15.2	Providing and fixing 6 mm thick bevelled edge mirror of superior glass (of approved quality and of required shape and size) complete with 6mm thick hard board ground fixed to wall with C.P. brass screws and plastic sleeves including provision of 50x20mm 2nd class teak wood beading around mirror with melamine polish etc. complete as per direction of Engineer-in- charge.	3.00	Sqm	4558.65	13676.00
				Total	498228.00
	Cost Index 4.03%				20079.00
	Total				518307.00
15.3	Providing and fixing 2 in 1 Faucet (Tube) with Hook 1.5 Mtr. Length make cat no.PTA-46 (1.5Mtr.) of Prayag PTMT or equivalent make with all fittings and fixture all complete as per direction of Engineer-in-charge.	1.00	Each	577.15	577.00
15.4	Credit for un-serviceable material received from dismantling/ demolishing. (Note:- On this item, no contractor abatement/enhancement will applied)				
15.4.1	GI pipe , CI pipe (Note:- On this item, no contractor abatement/enhancement will applied)	50.00	Kg	-44.30	-2215.00

15.4.2	Door shutter (Note:- On this item, no contractor abatement/enhancement will applied)	1.00	Each	-622.95	-623.00
				Total	516046.00

Note :-

1. Janpath Bhawan is very sensitive building to the security point of view. In this building the working hours for execution of work will be very limited and depend upon the client department and nature of work. So contractor should quote their rates in tender as per this restriction of execution of work nothing shall be paid extra on this account to the agency.
2. For getting entry passes for material as well as labour to enter in the said building for carried out the work is also the responsibility of the agency. Nothing shall be paid extra on this account.
3. For Entry in the building required police verification before start the work and its submitted to the client department for issuing entry pass etc. nothing shall be paid extra on this account to the agency.
4. In case of overall percentage rates quoted by Agency is below the schedule of rates, such below percentage shall not apply on the credit items (if arise from dismantling). However, in case quoted overall percentage is above the schedule of rates, such percentage shall also be applied on these items.

Assistant Executive Engineer
3C Sub-Division, CPWD
Shram Shakti Bhawan, New Delhi