CENTRAL PUBLIC WORKS DEPARTMENT

INDEX

Name of Work:-A/R & M/O Rashtrapati Bhavan, New Delhi dg. 26-27 (SH: Providing, supplying, installing of water filtration and disinfection system at Rashtrapati Niketan, Dehradun).

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Certificate that this NIT Contains Page 1 to 55 (One to Fifty Five) only.

NIT Approved for Rs:- **14,66,922**/- (Rupees Fourteen Lac Sixty Six Thousand Nine Hundred Twenty Two Only)

Assistant Engineer (P)
President Estate, CPWD,
Rashtrapati Bhavan,
New Delhi

Executive Engineer,
President Estate, CPWD,
Rashtrapati Bhavan,
New Delhi

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

CENTRAL PUBLIC WORKS DEPARTMENT
Notice Inviting e-Tenders

The Executive Engineer, President's Estate, CPWD, Rashtrapati Bhavan, New Delhi- 110004 on behalf of the President of India invites online **Percentage rate** tender from specialized agencies, CPWD & Non- CPWD contractors subject to fulfilling of eligibility criteria as mentioned below:-

NIT NO.	**:**	**81/EE/PE/26-27 (1st Recall)**
Name of Work:	**:**	**A/R & M/O Rashtrapati Bhavan, New Delhi dg. 26-27 (SH: Providing, supplying, installing of water filtration and disinfection system at Rashtrapati Niketan, Dehradun).**
Estimated Cost	**:**	Rs. **14,66,922/-**
Earnest money	:	Rs. **29,338/-**
Period of completion	**:**	30 Days

Last date and time of submission of bid 28-11-2026 at 01:00 P.M.

The bid forms and other details can be obtained from the website CPWD eTendering (https://etender.cpwd.gov.in). **The notice inviting e-Tender is also available on www.eprocure.gov.in.**

Executive Engineer,
President's Estate
CPWD, Rashtrapati Bhavan,
New Delhi- 110004

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING FORMING PART OF BID DOCUMENT AND TO BE POSTED ON WEBSITE

The Executive Engineer, President's Estate, CPWD, Rashtrapati Bhavan, New Delhi- 110004 on behalf of the President of India invites online **Percentage rate** tender from specialized agencies, CPWD & Non- CPWD contractors subject to fulfilling of eligibility criteria as mentioned below:-

S. No.	NIT No.	Name of work & Location	Estimated cost put to Bid	Earnest money	Period of Completion	Last date & time of submission of Online Bid, EMD, e-tender Processing Fee and other Documents as uploaded on website	Time & date of opening of Bid
1	2	3	4	5	6	7	8
1	81/EE/PE/26-27 (1st Recall)	A/R & M/O Rashtrapati Bhavan, New Delhi dg. 26-27 (SH: Providing, supplying, installing of water filtration and disinfection system at Rashtrapati Niketan, Dehradun).	Rs. 14,66,922/-	Rs. 29,338/-	30 Days	Upto 01:00 P.M on 28-11-2026	At 01:30 P.M on 28-11-2026

1. Contractors who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted., 1(c) & 1(d) are not applicable for CPWD enlisted contractors of appropriate class. 1(a) (i), 1(b) and 1(e) are applicable for CPWD enlisted contractors also].-

   a) Should have satisfactorily completed the works as mentioned below during the last Seven years ending last day of the month previous to the one in which tenders are invited.

(i) Three similar works each costing not less than ₹ 4.68 lacs. or two similar works each costing not less than ₹ 7.02 lacs or one similar work costing not less than ₹ 9.36 lacs.

Similar work shall mean work of "***Water Treatment Plants***". The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to previous day of last day of submission of tenders

(b) Should have had Average Annual Financial Turnover of Rs. 4,40,077/- on maintenance work during the last three years ending 31st March 2026 (Scanned copy of Certificate from CA with Unique Document Identification Number (UDIN) to be uploaded). The value of annual turnover figures shall be brought to the current value by enhancing the actual turnover figures at simple rate of 7% per annum. (OM No. DG/SOP 2022/07 dated 09.11.2022)

(c) Should not have incurred any loss (profit after tax should be positive) in more than two years during the last five years ending 31st March 2026

(d) Should have a Banker's Certificate from a commercial Bank for Rs. 5,86,769/- or Net Worth certificate from CA with Unique Document Identification Number (UDIN) of minimum 10 % amount of ECPT (Scanned copy of original to be uploaded).

(e) Should have bidding capacity equal to or more than the estimated cost of the work put to tender. The bidding capacity shall be worked out by the following formula:

Bidding Capacity = {[AxNx1.50]-B}

Where,

A = Maximum turnover in maintenance work executed in any one year during the last seven years taking into account the completed as well as works in progress. The value of completed works shall be brought to current costing level by enhancing at a simple rate of 7% per annum.

N = Number of years prescribed for completion of work for which bids have been invited. The value of N shall be taken as 1 (one), where the completion period is less than one year.

B = Value of existing commitments and ongoing works to be completed during the period of completion of work for which bids have been invited.

2. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
3. This information and instructions for bidders posted on website shall form pay of bid document.
4. The bid document consisting of Plans, Specifications, 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.
5. 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.
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 bidder must have valid class-III digital signature certificate with encryption key (combo type) to perform any operations/transactions on the e-tendering portal / website and the bidder should download and install the eMsigner on their system as per 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. Certificate of Financial Turn Over: At the time of submission of bid contractor may upload Affidavit/Certificate from CA mentioning Financial Turnover of last 7 years or for the period as specified in the bid document and further details if required may be asked from the contractor after opening of technical bids. There is no need to upload entire voluminous balance sheet.
11. 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.
12. The Technical Bid shall be opened first on due date and time as mentioned above. The time and date of opening of financial bid of contractors qualifying the technical bid shall be communicated to them at a later date.
13. Pre Bid conference shall be held in the chamber of ..... at ..... on ..... to clear the doubt of intending bidders, if any.
14. 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.
15. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.

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

(if any agency failed to upload the scanned copies of the following documents then his/her/their tender shall be treated as rejected).

I Insurance surety bonds, Account payee Demand Draft, fixed deposit receipt (FDR), Bankers Cheque or Bank Gurantee (For balance amount as prescribed) from any of the commercial Bank against EMD.
II Certificates of Work Experience (Form D)
III Copy of Final Bill Abstract duly certified by the Executive Engineer or equivalent.
IV Certificate of Financial Turnover from CA (Form A). Applicable to CPWD enlisted contractors also to evaluate bidding capacity.
V Banker's Certificate or Net Worth Certificate (Form B and B-I).
VI Any other Document as specified in the NIT
VII Affidavit as per provisions of clause 1.2.2 of CPWD-6
VIII 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".

IX Form – C (DETAILS OF ELIGIBLE SIMILAR NATURE OF WORKS COMPLETED DURING THE LAST SEVEN YEARS ENDING PREVIOUS DAY OF LAST DAY OF SUBMISSION OF TENDERS)

X Form – C-1 (Projects under execution).

XI Bidding capacity as per Form C-3

XII Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer (including NIT issuing EE AE CPWD.

XIII ERP training certificate. (Note the enlisted contractor will not be allowed to participate in the tendering process without uploading the certificate of ERP Training w.e.f. 01.07.2024)

XIV Enlistment order of the Contractor in CPWD in appropriate class along with all Circulars documents showing validity of enlistment as on date of receipt of tender.

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Executive Engineer
President Estate,
CPWD, Rashtrapati Bhavan,
New Delhi- 110004

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

Receipt of Deposition of original EMD

(Receipt No. _____/Dated_____)

Name of Work: - A/R & M/O Rashtrapati Bhavan, New Delhi dg. 26-27 (SH: Providing, supplying, installing of water filtration and disinfection system at Rashtrapati Niketan, Dehradun).

1. **NIT No. 81/EE/PE/26-27 (1st Recall)**
2. **Estimated Cost:** Rs 14,66,922/-
3. **Amount of Earnest Money:** Rs. 29,338/-
4. **Last date of submission of bid: 28-11-2026 up to 01:00 P.M.**

1. **Name of Contractor: _____**
2. **Form of EMD_____**
3. **Amount of Earnest Money Deposit_____**
4. **Date of Submission of EMD_____**

Signature
Name & Designation of EMD receiving Officer
[EE/AE(P)/AE/AAO]
Along with office stamp

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

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

1. Item rate/percentage rate bids are invited on behalf of President of India from approved and eligible contractors of CPWD and specialized agencies.

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

1.1 The work is estimated to cost Rs 14,66,922/- This estimate, however, is given merely as a rough guide.

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

1.2 Intending bidders is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

Criteria of eligibility for submission of bid documents

Contractors who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted. [1(b), 1(c) & 1(d) are not applicable for CPWD enlisted contractors of appropriate class. 1(e) are applicable for CPWD enlisted contractors also].-

a) Should have satisfactorily completed the works as mentioned below during the last Seven years ending last day of the month previous to the one in which tenders are invited.

   (i) Three similar works each costing not less than ₹ 4.68 lacs. or two similar works each costing not less than ₹ 7.02 lacs or one similar work costing not less than ₹ 9.36 lacs.

Similar work shall mean work of "***Water Treatment Plants***''. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to previous day of last day of submission of tenders

(b) Should have had Average Annual Financial Turnover of Rs. 4,40,077/- on maintenance work during the last three years ending 31st March 2026 (Scanned copy of Certificate from CA with Unique Document Identification Number (UDIN) to be uploaded).The value of annual turnover figures shall be brought to the current value by enhancing the actual turnover figures at simple rate of 7% per annum. (OM No. DG/SOP 2022/07 dated 09.11.2022)

(c) Should not have incurred any loss (profit after tax should be positive) in more than two years during the last five years ending 31st March 2026.

(d) Should have a Banker's Certificate from a commercial Bank for Rs. 5,86,769/- or Net Worth certificate from CA with Unique Document Identification Number (UDIN) of minimum 10 % amount of ECPT (Scanned copy of original to be uploaded).

(e) Should have bidding capacity equal to or more than the estimated cost of the work put to tender. The bidding capacity shall be worked out by the following formula:

Bidding Capacity = {[AxNx1.5]-B}

Where,

A = Maximum turnover in construction works executed in any one year during the last seven years taking into account the completed as well as works in progress. The value of completed works shall be brought to current costing level by enhancing at a simple rate of 7% per annum.

N = Number of years prescribed for completion of work for which bids have been invited. The value of N shall be taken as 1 (one), where the completion period is less than one year.

B = Value of existing commitments and ongoing works to be completed during the period of completion of work for which bids have been invited.

1.2.1 Conditions for Non-CPWD registered contractors only, if bids are also open to non-CPWD Contractors.

For works estimated cost upto tendering limit of class -I Buildings & Roads (erstwhile Composite/ Building/ infrastructure) category Contractor (However, for Horticulture category, it may be modified as per bidding limit of CPWD class I contractors of Horticulture category).

(i) Three similar works each of value not less than Rs. 4.68 Lacs. or two similar works each of value not less than Rs. 7.02 Lacs. or one similar work of value not less than Rs. 9.36 Lacs. (all figures rounded to nearest convenient figure) during the last 7 years ending last day of the month previous to the one in which tenders are invited.

Criteria of eligibility for CPWD as well as non-CPWD contractors, For works estimated to cost above the tendering limit of class -I (Super) Buildings & Roads (erstwhile Composite/ Building/ infrastructure) category Contractor (However for Horticulture category, it may be modified as per bidding limit of CPWD class I contractors of Horticulture Category).

(i) Three similar works each of value not less than Rs..... or two similar works each of value not less than Rs.....or one similar work of value not less than Rs.....(all figures rounded to nearest convenient figure) during the last 7 years ending last day of the month previous to the one in which tenders are invited..

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date of submission of bid

1.2.2 To become eligible for issue of bid, the bidders shall have to furnish an affidavit as under:-

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, 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. (Scanned copy to be uploaded at the time of submission of bid)

1.2.3 When bids are invited from non CPWD contractors and CPWD class II contractors as per provisions of clause 1.2.1 above, it will be mandatory for non CPWD contractors and CPWD class-II contractors to upload the work experience certificate(s) and the affidavit as per the provisions of clause 1.2.2.

But for such bids, Class-I contractors of CPWD are eligible to submit the bids without submission of work experience certificate and affidavit. Therefore, CPWD class-I contractors shall upload two separate letters for experience certificate and affidavit that these documents are not required to be submitted by them. Uploading of these two letters is mandatory otherwise system will not clear mandatory fields.

2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7/8 (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 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 bid documents.

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

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

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

8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.

9. Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e- Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks(drawn in favour of Executive Engineer President Estate) 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.

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 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, whose original EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.

The bid submitted shall be opened at 01:30 PM on **28-11-2026**.

10. The bid submitted shall become invalid and e-Tender processing fee (if applicable) shall not be refunded if:

(i) The bidder is found ineligible.

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

(iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.

(iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer. (OM No. DG/SOP 2022/07 dated 09.11.2022)

11. The contractor whose bid is accepted will be required to furnish performance guarantee (a) 5% (Five percent) 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 Estimate 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 as mentioned in schedule E and within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within

the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the

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

12. **The description of the work is as follows:**
Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A 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.

13. 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.
14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
16. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Housing and Urban Affairs. Any breach of this condition by the

contractor would render him liable to be removed from the approved list of contractors of this Department.

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

18. The bids for the work shall remain open for acceptance for a period of 30 (thirty) days from the date of opening of bids in case of single bid system and 75 (seventy five) days from the date of opening of technical bids in case bids are invited in 2 or 3 bid system. 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.

19. This notice inviting Bid 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 7/8 or other Standard C.P.W.D. Form as applicable.

Executive Engineer
President's Estate
CPWD, Rashtrapati Bhavan
New Delhi -110004

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

SECTION III

INFORMATION REGARDING ELIGIBILITY

LETTER OF TRANSMITTAL

From:

To

The Executive Engineer,

President Estate, Rashtrapati Bhavan,

CPWD, New Delhi

Subject : Submission of bid for the work "**A/R & M/O Rashtrapati Bhavan, New Delhi dg. 26-27 (SH: Providing, supplying, installing of water filtration and disinfection system at Rashtrapati Niketan, Dehradun).**"

Having examined the details given in press notice and application document for the above work, I/ we hereby submit the relevant information.

1. I / we hereby certify that the statement made and information supplied in the enclosed forms A to H and accompanying statement are true and correct.
2. I / we have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
3. I/we submit the requisite certified solvency certificate and authorize the Executive Engineer, President Estate, CPWD, Rashtrapati Bhawan, New Delhi to approach the Bank issuing the solvency certificate to confirm the correctness thereof. I/We also authorized Executive Engineer, President Estate, CPWD, Rashtrapati Bhawan, New Delhi to approach individuals, employers, firms and corporation to verify our competence and general reputation.
4. I / we submit the following certificates in support of our suitability, technical knowledge and capability for having successfully completed the following eligible similar works:

Name of work (s)	**Certificate from**

Certificate: It is certified that the information given in the eligibility bid are correct. It is also certified that I/we shall be liable to be debarred, disqualified/ cancellation of enlistment in case any information furnished by me/us found to be incorrect.

Enclosures: Seal of bidder

Date of submission:

Signature(s) of Bidder(s)

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

PROFORMA - 1

CRITERIA FOR EVALUATION OF THE PERFORMANCE OF CONTRACTORS FOR PRE-ELIGIBILITY

Attributes		Evaluation				
(a)	Financial strength (20 marks)					
	(i) Average annual turnover 16 marks (ii) Banker's Certificate 4 marks	(i) 60% marks for minimum eligibility criteria (ii) 100% marks for twice the minimum eligibility criteria or more In between (i) & (ii) - on pro-rata basis				
(b)	Experience in similar class of works (20 marks)	(i) 60% marks for minimum eligibility criteria (ii) 100% marks for twice the minimum eligibility criteria or more In between (i) & (ii) - on pro-rata basis				
(c)	Performance on works (20 marks) (time over run)					
	Parameter Calculation For points	Score				Maximum Marks
	If TOR =	1.00	2.00	3.00	>3.50	20
	(i) Without levy of compensation	20	15	10	10	
	(ii) With levy of compensation	20	5	0	-5	
	(iii) Levy of compensation not decided	20	10	0	0	
	TOR = AT/ST, where AT= Actual Time; ST= Stipulated Time in the Agreement plus (+) justified period of Extension of Time **Note:** Marks for value in between the stages indicated above is to be determined by straight line variation basis.					
(d)	Performance of works (Quality) **as per Assessment in Form D.** (40 marks)					
	(i) Outstanding 40 (ii) Very Good 30 (iii) Good 20 (iv) Poor 0					

(Note -To become Eligible for short listing, the bidder must secure atleast 50 % marks in each and 60 % marks in aggregate)

SECTION - II

1.0General :

INFORMATION & INSTRUCTIONS FOR BIDDERS

1.1 Letter of transmittal and forms for deciding eligibility are given in Section III.

1.2 All information called for in the enclosed forms should be furnished against the relevant columns in the forms. If for any reason, information is furnished on a separate sheet, this fact should be mentioned against the relevant column. Even if no information is to be provided in a column, a "nil" or "no such case" entry should be made in that column. If any particulars/query is not applicable in case of the bidder, it should be stated as "not applicable". The bidders are cautioned that not giving complete information called for in the application forms or not giving it in clear terms or making any change in the prescribed forms or deliberately suppressing the information may result in the bid being summarily disqualified. Bids made by telegram or e-mailed or telex and those received late will not be entertained.

1.3 References, information and certificates from the respective clients certifying suitability, technical knowledge or capability of the bidder should be signed by an officer not below the rank of Executive Engineer or equivalent.

1.4 The bidder may furnish any additional information which he thinks is necessary to establish his capabilities to successfully complete the envisaged work. He is, however, advised not to furnish superfluous information. No information shall be entertained after submission of eligibility criteria document unless it is called for by the Employer.

2.0 Definitions:

2.1 In this document the following words and expressions have the meaning hereby assigned to them.

2.2 Employer: Means the President of India, acting through the Executive Engineer President Estate

2.3 Bidder: Means the individual, proprietary firm, firm in partnership, limited company private or public or corporation.

2.4 "Year" means "Financial Year" unless stated otherwise.

3.0 Method of application:

3.1 If the bidder is an individual, the application shall be signed by him above his full type written name and current address.

3.2 If the bidder is a proprietary firm, the application shall be signed by the proprietor above his full typewritten name and the full name of his firm with its current address.

3.3 If the bidder is a firm in partnership, the application shall be signed by all the partners of the firm above their full typewritten names and current addresses, or, alternatively, by a partner holding power of attorney for the firm. In the latter case a certified copy of the power of

attorney should accompany the application. In both cases a certified copy of the partnership deed and current address of all the partners of the firm should accompany the application.

3.4 If the bidder is a limited company or a corporation, the application shall be signed by a duly authorized person holding power of attorney for signing the application accompanied by a copy of the power of attorney. The bidder should also furnish a copy of the Memorandum of Articles of Association duly attested by a Public Notary.

4.0 Final decision making authority.

The employer reserves the right to accept or reject any bid and to annul the process and reject all bids at any time, without assigning any reason or incurring any liability to the bidders.

5.0 Particulars provisional

The particulars of the work given in Section I are provisional. They are liable to change and must be considered only as advance information to assist the bidder.

6.0 Site visit

The bidder is advised to visit the site of work, at his own cost, and examine it and its surroundings to himself collect all information that he considers necessary for proper assessment of the prospective assignment.

7.0 Initial Criteria for eligibility

7.1 The Bidder should have satisfactorily completed similar works during the last Seven years ending last date of the month previous to the one in which tenders are invited. For this purpose cost of work shall mean gross value the completed work including cost of material supplied by the Government/Client but excluding those supplied free of cost. This should be certified by an officer not below the rank of Executive Engineer/Project Manager or equivalent.

(i) Three similar works each costing not less than Rs. 4.68 Lacs, or completed two similar works each costing not less than Rs. 7.02 Lacs, or completed one similar work costing not less than Rs. 9.36 Lacs.

Similar work shall mean work of "***Water Treatment Plants***".

(ii) For EPC tenders under Mode I / II only (Applicable for CPWD enlisted contractors also).

One completed work costing not less than Rs. 9.36 lacs executed with the structural system technology as proposed by bidder in the letter of transmittal. This work can be part of eligible work at 7.1(i) above or as a separate work.

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7 % per annum; calculated from the date of completion to previous day of last date of submission of tenders.

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

7.2 The bidder should have had Average Annual Financial Turnover of Rs. 4,40,077/- on maintenance work during the last three consecutive years as per the balance sheets duly audited by Chartered Accountant. Year in which no turnover is shown would also be considered for working out the average. The value of annual turnover figures shall be brought to current value by enhancing the actual turnover figure at simple rate of 7% per annum (Not Applicable for CPWD Registered contractor).

7.3 The bidder should not have incurred any loss (profit after tax should be positive) in more than two years during available last five consecutive balance sheets (standalone financial statement), duly certified and audited by the Chartered Accountant. (Not Applicable for CPWD Registered contractor).

7.4 The bidder should have a Banker's certificate from a Commercial Bank for Rs. 5,86,769/- certified by his Bankers. (Not required if applicant is a CPWD registered contractor of appropriate class) or the bidder should submit Net worth Certificate of minimum 10% of ECPT issued by the certified Chartered Accountant (on the format prescribed in form B-1) (Not Applicable for CPWD Registered contractor).

7.5 The bidder should have sufficient number of Technical and Administrative employees for the proper execution of the contract. The bidder shall have to submit a list of these employees stating clearly how these would be involved in this work within 15 days of award of work .

7.6 Bidding Capacity (applicable for CPWD enlisted contractors also): The bidding capacity of the contractor should be equal to or more than the estimated cost of the work put to tender. The bidding capacity shall be worked out by the following formula: Bidding Capacity = {[AxNx1.5]-B}

Where,

A = Maximum turnover in Civil/tentage works executed in any one year during the last seven years taking into account the completed as well as works in progress. The value of completed works shall be brought to current costing level by enhancing at a simple rate of 7% per annum.

N = Number of years prescribed for completion of work for which bids have been invited. The value of N shall be taken as 1 (one), where the completion period is less than one year.

B = Value of existing commitments of ongoing works during the period of execution of work for which bids have been invited.

Notes:

1. The bidder should submit bidding capacity as per Form 'C-3'.

2. Bidding capacity is applicable for all the contractors including CPWD enlisted contractors.
3. Bidding capacity formula, for CPWD contractors who are enlisted based on rule 6.1.7 of Enlistment Rules-2024 i.e. government retired engineer/ architect for three years from the date of issue of enlistment order, is as follows:-

   Bidding Capacity ={[AxNx1.5]-B}

   Where

A = Banker certificate figure as submitted by applicant (i.e. government retired engineer/ architect) at the time of enlistment for first year of enlistment and subsequent fresh bankers certificate for second and third year respectively. Value of A for first year will be mentioned in the enlistment order by the member secretary of advisory committee for enlisting authority.

N = Number of years prescribed for completion of work for which bids have been invited. The value of N shall be taken as 1 (one), where the completion period is less than one year.

B = Value of existing commitments of ongoing works during the period of execution of work for which bids have been invited. This value is for newly enlisted entity.

Within three years from the date of issue of enlistment order, the newly enlisted entity has to develop its own bidding capacity and thereafter the general bidding capacity formula being used for other entities shall be applicable to it for calculation of bidding capacity.

Newly enlisted entity may like to follow general bidding capacity formula even before period of three years if it so chooses.

4. Bidding capacity, for CPWD contractors who are enlisted based on rules 9.6.3 & 9.6.4 of Enlistment Rules-2024 i.e. new entity based on previously enlisted entity for three years from date of issue of enlistment order, is as follows:-

   Annual turnover of newly enlisted entity shall be in proportion to the shareholding of partners/ directors in the original enlisted entity at the time of enlistment of the newly enlisted entity.

   Within three years from the date of issue of enlistment order, the newly enlisted entity has to develop its own bidding capacity and thereafter the general bidding capacity formula being used for other entities shall be applicable to it for calculation of bidding capacity. Newly enlisted entity may like to follow general bidding capacity formula even before period of three years, if it so chooses.

   Bidding Capacity for newly enlisted entity based on rules 9.6.3 & 9.6.4 enlistment rules - 2024 shall be as follows :-

={[A'xNx1.5]-B}

Where

A' = Proportionate share of newly enlisted director/partner in originally enlisted company/firm multiplied by the factor A, as given below. Value of A' will be mentioned in the enlistment order by member secretary of Advisory committee for Enlistment Authority, it will remain same for three years.

A = Maximum turnover in construction works executed in any one year during the last seven years taking into account the completed as well as works in progress. The value of completed works shall be brought to current costing level by enhancing at a simple rate of 7% per annum. This value is of originally enlisted entity at the time of enlistment of newly enlisted entity.

N = Number of years prescribed for completion of work for which bids have been invited. The value of N shall be taken as 1 (one), where the completion period is less than one year.

B = Value of existing commitments of ongoing works during the period of execution of work for which bids have been invited. This value is for newly enlisted entity.

5. Enlisted entities based on rules 6.1.7, 9.6.3 or 9.6.4 of enlistment rules-2024 can submit MoU from agency having requisite experience for structural system technology if the enlisted entity does not have required experience.

8.0 Evaluation criteria

8.1 The detailed submitted by the bidders will be evaluated in the following manner:

8.1.1 The initial criteria prescribed in para 7.0 above in respect of experience of eligible similar works completed, loss, Banker's certificate, financial turnover and bidding capacity etc. will first be scrutinized and the bidder's eligibility for the work be determined. (OM No. DG/SOP 2022/07 dated 09.11.2022)

8.1.2 The bidders qualifying the initial criteria as set out in para 7.0 above will be evaluated for following criteria by scoring method on the basis of details furnished by them.

(a) Financial strength (Form 'A' & 'B')	Maximum 20 marks
(b) Experience in eligible similar nature of work during last seven years (Form 'C')	Maximum 20 marks
(c) Performance on works (Form 'D') - Time over run	Maximum 20 marks
(d) Performance on works (Form 'D') - Quality	Maximum 40 marks
Total	**100 marks**

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

To become eligible for short listing the bidder must secure at least fifty percent marks in each (Section a, b, c & d) and sixty percent marks in aggregate.

The department, however, reserves the right to restrict the list of such qualified contractors to any number deemed suitable by it.

Note : The average value of performance of works for time over run and quality shall be taken on the basis of performance report and eligible similar works.

9.0 Financial information

Bidder should furnish the Annual financial statement for the last five years in (Form"A"). Banker's Certificate in (Form "B") or Networth Certificate in (Form"B-1").

10.0 Experience of similar works

10.1 Bidder should furnish the List of eligible similar nature of works successfully completed during the last seven years in (Form "C") and ongoing works as well (Form C-1).

11.0 Organization information

Bidder is required to submit the information in respect of his organization in Forms "E"

12.0 Letter of transmittal

The bidder should submit the Letter of Transmittal attached with the document.

13.0 Opening of Price bid

After evaluation of applications, a list of short listed agencies will be prepared. Thereafter the financial bids of only the qualified and technically acceptable bidders shall be opened at the notified time, date and place in the presence of the qualified bidders or their representatives.

14.0 Award Criteria

14.1 The employer reserves the right, without being liable for any damages or obligation to inform the bidder, to: (a) amend the scope of work and value of contract. (b) Reject any or all the applications without assigning any reason.

14.2 Any effort on the part of the bidder or his agent to exercise influence or to pressurize the employer would result in rejection of his bid. Canvassing of any kind is prohibited.

FORM 'A'

FINANCIAL INFORMATION

I. Financial Analysis – Details to be furnished duly supported by figures in balance sheet/profit & loss (Profit after tax should be positive) account for the last five consecutive years duly certified and audited by the Chartered Accountant, (The balance sheet in case of Pvt./Public Ltd. Company means its standalone financial statement and consolidated financial statement both)

Fig in lakhs Rs.

S. No.	**Particulars**	**Financial year**				
		2021-22	**2022-23**	**2023-24**	**2024-25**	**2025-26**
1	Gross Annual turnover on Automated housekeeping / construction / maintenance works.					
2	Profit (+)/Loss(-)					

II. Financial arrangements for carrying out the proposed work.

III. Net worth Certificate from Chartered Accountant of the bidder in the prescribed Form "B-1"

Signature of Accountant with Seal

Signature(s) of Bidder(s)

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

FORM 'B'

BANKERS' CERTIFICATE FROM A SCHEDULED BANK

This is to certify that to the best of our knowledge and information that M/s. / Sh. …….. having marginally noted address, a customer of our bank are / is respectable and can be treated as good for any engagement up to a limit of Rs……. (Rupees …… …… only).

This certificate is issued without any guarantee or responsibility on the Bank or any of the officers.

(Signature)
for the Bank

Note:-

1. Banker's certificates should be on letter head of the Bank, sealed in cover addressed to EE,PED.
2. In case of partnership firm, certificate should include names of all partners as recorded with the Bank.

FORM 'B-1'

FORM FOR CERTIFICATE OF NETWORTH FROM CERTIFIED CHARTERED ACCOUNTANT

It is to certified that as per the audited balance sheet and profit & loss account during the financial year _____ the net worth of M/s _____ (Name & registered address of individual / firm / company), as on 31/03/2026 is Rs. _____ after considering all liabilities. It is further certified that the net worth of the company has not eroded by more than 30% in the last three years ending on 31/03/2026.

_____
Signature of Chartered Accountant

_____
Name of the Chartered Accountant

_____
Membership No. of ICAI

Date and Seal

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

FORM 'C'

DETAILS OF ELIGIBLE SIMILAR NATURE OF WORKS COMPLETED DURING THE LAST SEVEN YEARS ENDING PREVIOUS DAY OF LAST DAY OF SUBMISSION OF TENDERS

S. No.	Name of work / project & location	Owner or sponsoring organization	Cost of work in crores of rupees	Date of commen-cement as per contract	Stipulated date of completion	Actual date of completion	Litigation arbitration cases pending / in progress with details *	Name and address / telephone number of officer to whom reference may be made	Whether the work was done on back to back basis Yes/No
1	2	3	4	5	6	7	8	9	10

Note :- The Agency should give list of any there eligible works which are of similar Nature.

SIGNATURE OF BIDDER(S)

FORM C-1

Projects under execution

S. No.	Name of work/Project and location	Owner or Sponsoring organization	Cost of work in Crores Rs.	Date of commencem-ent as per contract	Stipulated date of completion	Up to date percentage progress of work	Slow progress if any & reasons thereof	Name & address/Telephone no. of officer to whom reference may be made.	Remarks
1	2	3	4	5	6	7	8	9	10

SIGNATURE OF BIDDER(S)

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

FORM 'C'-3

Calculation of bidding capacity
Details of existing commitments and ongoing works.

S. No	Name of work/ project and location	Owner or sponsoring organization	Contract value in crore of rupees	Date of commencement as per contract	Stipulated date of completion	Upto date percentage progress of work	Remaining work in percentage (100-column 7)	Existing commitment Column 4 x Column 8 /100	Name and address/ telephone number of officer to whom reference may be made	Remarks
1	2	3	4	5	6	7	8	9	10	11

Total (B) =
Maximum turnover in last seven years = Rs……
Updated value of turnover (A) = Rs……
No. of years (N) = ……..
Bidding Capacity= {[AxNx1.5]-B} =
Certificate:
I certify that all the awarded and ongoing works have been included in the above list.

(Signature of Bidder(s))

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

Form 'D'

PERFORMANCE REPORT OF WORKS REFERRED TO IN FORMS "C" & "C-1"

1. Name of work/project & location
2. Agreement no.
3. Estimated cost
4. Tendered cost
5. Date of start
6. Date of completion
   (i) Stipulated date of completion
   (ii) Actual date of completion
7. Amount of compensation levied for delayed completion, if any
8. Amount of reduced rate items, if any
9. Performance Report

(1) Quality of work	Outstanding/Very Good/Good /Poor
(2) Financial soundness	Outstanding/Very Good/Good /Poor
(3) Technical Proficiency	Outstanding/Very Good/Good /Poor
(4) Resourcefulness	Outstanding/Very Good/Good /Poor
(5) General Behaviour	Outstanding/Very Good/Good /Poor

Dated: Executive Engineer or Equivalent

Section-I

BRIEF PARTICULARS OF THE WORK

1. Salient details of the work for which bids are invited are as under:

Name of work	Estimated cost	Period of completion
A/R & M/O Rashtrapati Bhavan, New Delhi dg. 26-27 (SH: Providing, supplying, installing of water filtration and disinfection system at Rashtrapati Niketan, Dehradun).	Rs **14,66,922**/-	30 Days

1. The work shall be carried out within the campus of **Rashtrapati Niketan, Dehradun**.

2. **A/R & M/O Rashtrapati Bhavan, New Delhi dg. 26-27 (SH: Providing, supplying, installing of water filtration and disinfection system at Rashtrapati Niketan, Dehradun).**

3. Work shall be executed according to General conditions of Contract 2023 (Maintenance work) for Central PWD works available at www.cpwd.gov.in and at printer's outlets. The bidder may obtain the address of the outlets from the **Executive Engineer, President's Estate**, CPWD, Rashtrapati Bhavan, New Delhi-110004

CPWD-7	CPWD

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

STATE	**:**	**DELHI**	**DIVISION**	**:**	**PE**
BRANCH	**:**	**B&R**	**ZONE**	**:**	**Delhi Region**

1. Percentage rate Tender & Contract for Work: **A/R & M/O Rashtrapati Bhavan, New Delhi dg. 26-27 (SH: Providing, supplying, installing of water filtration and disinfection system at Rashtrapati Niketan, Dehradun).**

(i) To be submitted online by **01:00 PM** on **28-11-2026**

(ii) To be opened in presence of tenderers who may be present at **01:30 PM on 28-11-2026** in the office of **Executive Engineer, President's Estate, CPWD, Rashtrapati Bhavan, New Delhi-110004**.

Issued to : ……..*…….

Signature of officer issuing the documents ……..*……

Designation: **Executive Engineer PE**

Date of issue ……..* …….

TENDER

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

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

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

A sum of **Rs. 29,338/-** is hereby forwarded in cash/receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period. I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit 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 & 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, then I/we shall be debarred for tendering in CPWD contracts in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit / Performance Guarantee."

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

Dated:

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

ACCEPTANCE

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

The letters referred to below shall form part of this contract agreement: -
(a)
(b)
(c)

For & on behalf of President of India

Signature ……..
Dated:
Designation …….

PROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities: **Attached**

SCHEDULE 'D'

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

SCHEDULE 'E':

Reference to General Conditions of contract:	General Conditions of Contract 2023 for Maintenance Works as amended/modified Upto previous day of the last date of submission of tender
1. Name of work	:- **A/R & M/O Rashtrapati Bhavan, New Delhi dg. 26-27 (SH: Providing, supplying, installing of water filtration and disinfection system at Rashtrapati Niketan, Dehradun).**
(i) Estimated cost of work	**: Rs. 14,66,922/-**
(ii) Earnest Money	: **Rs. 29,338/- (To be returned after receiving performance guarantee)**
(Iii) Performance Guarantee	: (a) 5% (Five percent) 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 Estimate 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.
.	
(iv) Security Deposit:	2.5% (Two point Five percent) of tendered Value.

SCHEDULE 'F' (FOR CIVIL COMPONENT OF WORK)

1. **General Rules & Directions**

(i)	Officer inviting tender :	:-	Executive Engineer, President's Estate, CPWD, Rashtrapati Bhavan, New Delhi – 110004

(ii)	Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3	:-	As given under clause 12 of schedule 'F'.

Definition

2 (v)	Engineer-in-Charge	:-	Executive Engineer, President's Estate, CPWD, Rashtrapati Bhavan, New Delhi - 110004
2 (viii)	Accepting Authority	:-	Executive Engineer, President's Estate, CPWD, Rashtrapati Bhavan, New Delhi - 110004
2 (x)	Percentage on cost of materials and labour to cover all overheads and profits	:-	**15%**
2 (xi)	Standard Schedule of Rates	:-	***DSR 2023 with upto date correction slip upto previous day of the last date of submission of tender.***
2 (xii)	Department	:-	Central Public Works Department
(vi)	Standard CPWD contract Form GCC 2023 (Maintenance work), as modified & corrected upto	:-	GCC 2023 CPWD form 7 (Maintenance work), as modified & corrected upto previous day of the last date of submission of tender.

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 there offrom the date of issue of letter of acceptance.		**7 days**
(ii)	Maximum allowable extension with late fee @ 0.1% per day of performance Guarantee amount beyond the period provided in (i) above……		**3 days**

Clause 2

(i)	Authority for fixing compensation under clause 2		**Superintending Engineer, President's Estate, CPWD, Rashtrapati Bhavan, New Delhi – 110004**

Clause 2
Applicable Clause 2 **2A**

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start **10 Days**

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

or
from the date of handing over the site, notified by the Engineer-in-charge, whichever is later.

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

S.No.	Description of milestone (Physical)	Time allowed in days (from date of start)	Amount to be withheld in case of non-achievement of milestones
1	1/4th (of whole work)	1/4th of time allowed	1.25% Contract Amount
2	3/8th (of whole work)	1/2th of time allowed	1.25 % Contract Amount
3	3/4th(of whole work)	3/4th of time allowed	1.25% Contract Amount
4	Full	Full	1.25% Contract Amount

Time allowed for execution of Work **30 Days**

Clause 5:

(i) **Authority to convey the decision of shifting of milestone and** extension of time **Executive Engineer President's Estate (Engineer-in-Charge or Engineer-in-Charge of Major Component in case of Composite Contracts, as the case may be)**

(ii) **Authority to decide rescheduling of milestone and** extension of time **Superintending Engineer President's Estate** (SE/**SE&PD/CE/CE&ED)**

(iii) Shifting of date of start in case of delay in handing over of site **Superintending Engineer President's Estate** (SE/**SE&PD/CE/CE&ED)**

PROFORMA OF SCHEDULES Clause 5 Schedule of handing over of site

Part	Portion of site	Description	Time period for handing over reckoned from date of issue of letter of intent.
Part-A	**Portion without any hindrance**	**Full site**	**10 Days**
Part-B	**Portions with encumbrances**	—	---
Part-C	**Portions dependent on work of other agencies**	—	---

Clause 5

Applicable Clause 5/5A **5A**
Clauses 6, 6A
Clauses Applicable (6 or 6A) **Applicable. (ERP Electronic Measurement Book (e-MB) to be submitted by agency)**

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

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

payment for being eligible to interim payment

Clause 7A
Whether 7A shall be applicable **Yes**

Clause 10A
List of testing equipment to be provided by the contractor at site lab.
----------Equipment's as per site requirement.----------

Clause 10C **Not Applicable**
Component of labour expressed as percent of value of work = **Not Applicable**
Clause 10CA **Not applicable**

S.No	Material covered under this clause	Nearest Materials (other than cement, reinforcement bars and the structural steel) for which All India Wholesale Price Index to be followed	Base Price of all Materials covered under clause 10 CA*
1	----------N.A.----------		

Clause 10CC **Not Applicable**

Schedule of component of other materials, labour etc. for price escalation.
Component of civil work (except materials covered under clause 10 CA)/ Electrical construction Value of work.- **Xm** N.A. %
Component of Labour -
expressed as percent of total value of work. **Y** N.A.%

Clause 11
Specifications to be followed for execution of work — C.P.W.D. specification 2019 Vol I and Vol II without corrections slip upto previous day of the last date of submission of tender .

Clause 12 — **Applicable as per CPWD GCC 2023 with upto correction slip issued** upto previous day of the last date of submission of tender
(Deviation limit all maintenance works = No Limit)

Clause 16
Competent Authority for deciding reduced rates. — SE upto 5% of tender value
Beyond 5% with prior approval of ADG

Clause 18 List of mandatory machinery, tools to be deployed by the contractor at site
------As per site requirement-------

Clause 19 C **Executive Engineer authority to decide penalty for each default**

Clause19 D **Executive Engineer authority to decide penalty for each default**

Clause 19 G **Executive Engineer authority ECPT upto 5%**

Clause 19 J **Applicable**
Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

(i) Levy amount in case of non compliance of clause 19J is upto 5% of tender Value authority by SE

Clause 19 K Executive Engineer authority to decide penalty for each default

Clause 25

1	Conciliator: - ADG, Region Delhi.
2	Arbitrator appointing authority:- Superintending Engineer - President Estate
3	Place of Arbitration: - New Delhi.

Clause 32
Requirement of Technical Representative(s) and Recovery Rate NOT APPLICABLE

CLAUSE 38

(i)	(a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates	:-	*DSR 2023 with upto date correction slip upto upto previous day of the last date of submission of tender.*
(ii)	Variations permissible on theoretical quantities:		
	(a) Cement for works estimated cost put to tender not more than Rs. 25 Lakhs	:-	3 % plus/minus
	For works with estimated cost put to tender more than Rs. 25 Lakhs	:-	2 % plus/minus
	(b) Bitumen for all works	:-	2.5% plus only & nil on minus side
	(c) Steel reinforcement and structural steel section for each diameter, section and category	:-	2% plus/minus
	(d) All other materials	:-	Nil

Executive Engineer,
President's Estate
CPWD, Rashtrapati Bhavan,
New Delhi- 110004
Phone No. 23017456

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

FORM OF PERFORMANCESECURITY (GUARANTEE)
BANK GUARANTEE BOND

In consideration of the President of India (here in after called "the Government") having offered to accept the terms and conditions of the proposed agreement between……..… and …...…..……. (Herein after called "the said contractors(s)") for the work…… (Hereinafter called "the said agreement') having agreed, to production of an irrevocable Bank Guarantee for Rs…….. (Rupees ……only) as a security/guarantee from the contractors(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We …… (*hereinafter referred to as "the Bank")* hereby undertake to pay to the Government an amount not exceeding Rs……. (Rupees ……) only on demand by the Government.
2. We …… (indicate the name of Bank) do hereby undertake to pay the amounts due and payable under this Guarantee without any demure, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor (s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs…… (Rupees ……..……) only.

3. We, the said bank further undertake to pay the Government any money so demand notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.
4. We ……. (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said Agreement have been fully paid and its claim satisfied or discharged or till Engineer-in-Charge on behalf of the Government certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said contractor(s) accordingly discharges this guarantee.
5. We ……. (Indicate the name of Bank) further agree with the Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor(s) and to forebear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).
7. We …… (Indicate the name of bank) lastly undertake not to revoke this guarantee except with the previous consent of the Government in writing.
8. This guarantee shall be valid upto …….. unless extended on demand by Government. Now with standing 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 six months of the date of expiry of this guarantee, all our liabilities under this guarantee, shall stand discharged.

Dated, the ……Day of..... For……..…… (Indicate the name of the Bank)

SALIENT HIGHLIGHTS OF THE TENDER

NAME OF WORK:- A/R & M/O Rashtrapati Bhavan, New Delhi dg. 26-27 (SH: Providing, supplying, installing of water filtration and disinfection system at Rashtrapati Niketan, Dehradun).

1. The buildings are located Rashtrapati Niketan, Dehradun.

2. The contractor (s) shall make his own arrangement for electricity and water required for the execution of work and nothing extra shall be paid for the same. However, the Engineer- in-Charge shall recommend the application to the local authority for electric connection, if desired. Necessary payment shall be made by the contractor directly to the department concerned. In case local authority fails to sanction the electric connection or delays the sanction for electric connection, the contractor shall make his own arrangement by providing diesel generators of adequate capacity at his own cost. For water supply, contractor shall make his own arrangements including boring of tube well with necessary clearance from CGWB, if necessary and nothing extra shall be paid by the Department for arrangement of water or on its treatment as per IS:456/2000/CPWD specifications 2009 volume-I to II

3. All the materials including cement and steel (T.M.T Bars) will be arranged by the contractor himself.

4. The contractor shall lay and host the concrete wherever necessary to expedite the progress of work. Nothing extra shall be paid on this account.

5. For lifting of concrete or other construction materials to various levels, to we cranes/ mechanical hoist of appropriate size/ capacity shall be deployed by the contractor. Nothing extra shall be paid on this account.

6. The contractor shall quote the rates for each complete item in figures and words accurately so that there is no discrepancy in rates written in figures and word sand totals. In case of discrepancy, procedure specified in the contract document of CPWD shall be followed.

Quality Assurance

The contractor shall ensure quality control measures on different aspects of construction including materials, workmanship and correct construction methodologies to be adopted.

The contractor shall get the source of various raw materials namely aggregate, cement, sand, steel, water etc. to be used on the work, approved from the Engineer-in-Charge. The contractor shall stick to the approved source unless it is absolutely unavoidable. Any change shall be done with the prior approval of the Engineer-in-Charge for which tests etc. shall be done by the contractor at his own cost.

8 Similarly, the contractor shall submit brand/ make of various materials to be used for the approval of the Engineer-in-Charge along with samples and once approved, he shall stick to it. Any change will have to be got approved from engineer in charge in advance

9 The contractor shall submit shop drawings of staging and shuttering arrangement, stone cladding and other works including mock work as desired by Engineer In Charge for his approval before execution. The contractor shall also submit bar bending schedule for approval of Engineer-in-charge before execution.

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

10. Safety Precautions

Contractor shall within two weeks of award of work, submit to the Engineer-in-Charge for his approval, list of measures for maintaining safety of manpower deployed for construction and avoidance of accidents.

11. Scaffolding

Forfacia work and internal Finishing work, double steel scaffolding having two sets of verticalsupports with steel staircase for inspection of works by engineer in charge shall be used. The supports shall be sound and strong, tied together with horizontal piece over which scaffolding planks shall be fixed.

GENERAL CONDITIONS FOR WORKS

1. The work in general shall be carried out in accordance with the CPWD Specifications 2019 Vol. I to II with up-to-date correction slips hereinafter referred as CPWD Specifications.

2. The order of preference in case of any discrepancy as indicated in condition no. 8.1 under "Conditions of Contract" given in the Standard CPWD Contract form at page No. 10 may be read as the following:

a) Nomenclature of item as per Schedule of Quantities
b) Particular specifications and special conditions for civil and electrical.
c) General conditions
d) Additional conditions
e) Contract Clauses of Standard CPWD Contract form 2014 with upto date Amendments
f) CPWD Specifications for civil and electrical as applicable.
g) Architectural/structural drawings and specifications mentioned in drawings,
h) Indian Standard Specifications of BIS
i) Sound engineering practice as per directions of the Engineer-in-Charge.
j) Manufacturer's specifications.

3. The contractor(s) shall give to the Municipality, police and other authorities all necessary notices etc. that may be required by law and obtain all requisite licenses for temporary obstructions, enclosures etc. and pay all fee, taxes and charges which may be leviable on account of these operations in executing the contract. He shall make good any damage to the adjoining property whether public or private and shall supply and maintain lights either for illumination or for cautioning the public at night.

4. The Contractor(s) shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night, speed limit boards, red flags, red lights and providing barriers. He shall be responsible for all damages and accidents caused to existing/new work due to negligence on his part. No hindrances shall be caused to traffic during the execution of the work. In case of any accident of labours / contractual staff's the entire responsibility will rest on the part of the contractor and any compensation under such circumstances if becomes payable the same shall be entirely born by the contractor and department shall have no role on this account.

5. The Contractor(s) shall take instructions from the Engineer-in-Charge regarding collection and stacking of materials at any place. No excavated earth or building rubbish shall be stacked on areas where other buildings, roads, services and compound walls are to be constructed. The stacking shall take place as per stacking plan however, if any change is required, the same shall be done with the approval of Engineer-in-Charge.

6 Contractor(s) shall provide permanent bench marks, flag tops and other reference points for the proper execution of work and these shall be preserved till the end of the work. All such reference points shall be in relation to the levels and locations, given in the Architectural and plumbing drawings. On completion of work, the Contractor(s) shall submit at his own cost four prints of "as built" drawings to the Engineer-in-Charge. These drawings shall have the following information.

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

7 Water tanks, taps, sanitary, water supply and drainage pipes, fittings and accessories should conform to bye-laws of municipal body/corporation, where CPWD specifications are not available.

8 The contractor shall give performance test of the entire installation(s) as per the specifications in the presence of the Engineer-in-charge or his authorized representative before the work is finally

accepted and nothing extra what-so-ever shall be payable to the contractor for the test.

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

10 The Contractor shall bear all incidental charges for cartage, storage and safe custody of materials issued by department/arranged by the contractor.

11 Water Proofing treatment of all types of work: The contractor(s) shall submit for the approval of the Engineer-in-Charge, the names of specialized agencies, of repute along with their technical capability proposed to be engaged by him.

12 If the work is carried out in more than one shift or during night, no claim on this account shall be entertained. The contractor has to take permission from the police authorities etc. if required for work during night hours, no claim /hindrance on this account shall be considered if work is not allowed during night time.

13 Existing drains, pipes, cables, over-head wires, sewer lines, water lines and similar services encountered in the course of the execution of work shall be protected against the damage by the contractor at his own expense. In case the same are to be removed and diverted. The same shall be payable to the contractor. The contractor shall work out the cost and the same shall be approved by Engineer-in-Charge. The contractor shall not store materials or otherwise occupy any part of the site in a manner likely to hinder the operation of such services.

14 The Contractor shall be responsible for the watch and ward / guard of the buildings safety, fittings and fixtures provided by him against pilferage and breakage during the period of installations and thereafter till the building is physically handed over to the department. No extra payment shall be made on this account.

SAMPLE OF MATERIALS

15 Sample of building materials, fittings and other articles required for execution of work shall be got approved from the Engineer-in-Charge before use in the work. The quality of samples brought by the contractor shall be judged by standards laid down in the relevant BIS specifications. All materials and articles brought by the contractor to the site for use shall conform to the samples approved by the Engineer-in-Charge which shall be preserved till the completion of the work.

16 BIS marked materials except otherwise specified shall be subjected to quality test at the discretion of the Engineer-in-Charge besides testing of other materials as per the specifications described for the item/material. Wherever BIS marked materials are brought to the site of work, the contractor shall, if required, by the Engineer-in-Charge, furnish manufacturer's test certificate or test certificate from approved testing laboratory to establish that the material / procured by the contractor for incorporation in the work satisfies the provisions of specifications / BIS codes relevant to the material and / or the work done.

17 The contractor shall render all help and assistance in documenting the total sequence of this project by way of photography, slides, audio-video recording etc. nothing extra shall be payable to the contractor on this account. However, cost of photographs, slides, audio- video graphy etc. shall be borne by the department.

18 The contractor shall be fully responsible for the safe custody of materials brought by him / issued to

him even though the materials may be under double lock and key system.

19 The contractor shall procure the required materials in advance so that there is sufficient time to testing of the materials and clearance of the same before use in the work. The contractor shall provide at his own cost suitable weighing and measuring arrangements at site for checking the weight / dimensions as may be necessary for execution of work. The sealed samples are to be handed over to the testing lab by contractor in the presence of Executive Engineer/Assistant Engineer/Junior Engineer-in-charge of work.

20 The rate of items of flooring is inclusive of providing sunken flooring in bathrooms, kitchen etc. and nothing extra on this account is admissible.

21 The contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the owners, tenants or occupiers of adjacent properties and to the public in general and to prevent any damage to such properties and any pollution of smoke, streams and water-ways. He shall make good at his cost and to the satisfaction of the Engineer-in-Charge, any damage to roads, paths, cross drainage works or public or private property whatsoever caused thereon by the contractor. All waste or superfluous materials shall be carried away by the contractor without any reservation entirely to the satisfaction of the Engineer-in-Charge.

22. No payment shall be made for any damage caused by rain, snowfall, flood or another natural calamity, whatsoever during the execution of the work. The contractor shall be fully responsible for any damage to the govt. property and work for which the payment has been advanced to him under the contract and he shall make good the same at his risk and cost. The contractor shall be fully responsible for safety and security of his material, T&P, Machinery brought to the site by him.

23. The contractor shall provide samples of material required for testing free of cost. All expenditure to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor. All necessary tests as per the NIT/CPWD specifications/relevant BIS codes shall be carried out on all the materials whether ISI marked or otherwise. Wherever NIT/CPWD specification / relevant BIS codes do not specify the frequency of test, the same shall be carried out as per the direction of Engineer-in-Charge. The charge for such testing shall be borne by the contractor.

SPECIAL SPECIFICATIONS AND OTHER CONDITIONS

1. No claim for idle labourers on any account shall be entertained. The contractor shall depute his representative daily to the site of work. His name and signature shall be attested by the contractor for record in the department.

2. The work is to be executed on any day shall be got approved from the representative of Engineer-in-charge at the site of work in writing. No work shall be carried out without the approval of the representative of the Engineer-in-charge.

3. Any work carried out without the approval of the representative of the Engineer-in-charge at the site of work shall be rejected and will not be measured and paid for.

4. The contractor shall have to get the shades of all types of paints, distemper, water proofing cement paint etc. approved from the Engineer-in-charge before procurement of materials.

5. The site for the collection and stacking of the material shall be got approved from the Engineer-in-charge.

6. Nothing extra shall be paid to the contractor for excess consumption of material.

7. The contractor shall prepare one sample of item which shall be got approved from the Engineer-in-charge. Only on acceptance of sample work, contractor will be allowed to commence the work and sample is to be preserved by the JE-in-charge of work till the whole work is completed. The quality of entire work should confirm to the approved samples.

8. The contractor and/or his Engineer should see the site order book every day and get the compliance noted by the junior Engineer/Assistant Engineer/Engineer-in-charge.

9. All the items of work shall have to be taken up-sequentially i.e. after the patch repairs are carried out in one room, white/colour washing will be taken in the same quarter and thereafter painting shall have to be got completed.

10. All the malba or rubbish obtained from dismantling or otherwise during the execution of the work shall be brought down through the staircase and shall not be thrown to the ground directly from first floor or second floor etc. this shall be carried and stacked properly to the specified common disposal point on the same day and site shall be left clear as per the instructions of the Engineer-in-charge. A compensation of Rs.100/- shall be recovered from the contractor for each complaint/default.

11. The contractor will not pitch up tents for labourers, material and his stores etc. except cement godown if required which will be covered as per relevant agreement clause.

12. No temporary huts/structures will be constructed by the contractor at the site of work or at any government land within the jurisdiction of Division. Such structures, if any, found at the site or at Government land will be demolished and removed without any notice.

13. Any damage to the building structure, fitting or any other articles etc. done by the contractor or his workman during the execution of the work shall be made good by the contractor at his own cost.

14. The contractor shall clear the site properly after the completion of the work.

15. Unless otherwise specified, the agreement rates for all items of work of the schedule of quantities are for all heights, depths, leads and lifts involved in the execution of work.

16. The contractor shall make his own arrangements for obtaining electric connection for carrying out any maintenance activity and make necessary payment directly to the department concerned. In the absence

of electric connection or failure of power supply, the contractor shall make his own arrangement of generators.

17. Other agencies working at site will also simultaneously execute the work entrusted to them and the contractor shall offer necessary co-operation wherever required to other agencies.

18. On account of security consideration, there could be some restrictions on the working hours, movement of vehicles for transportation of materials. The contractor shall be bound to follow all such restrictions and adjust the programme for execution accordingly. Nothing extra shall be paid on this account.

19. All malba/rubbish/silt/waste/garbage etc. generated due to any operation and other open spaces whatsoever shall be disposed off on daily basis by the contractor to the specified common disposal point in colony and nothing extra shall be paid on this account. After the collection of full truck load of the said malba (approx. 4.5 cubic metres), the same shall be disposed off by the contractor to the authorized municipal dhalao/dumping ground within **Seven (7)** day. In case of non-removal/disposal in the specified period, a Penalty of Rs. One Thousand per day shall be recovered from the contractor.

20. No Residential accommodation shall be provided to any of the staff engaged by the contractor. The contractor shall also not be allowed to erect any temporary set up for staff in the campus.

21. No claims of the labours shall be entertained by the Department including that of providing employment, regularization of services etc.

22. The engineers who are present at the site from 9:00 AM to 5:00 PM on all working days or as working hours allowed by Engineer-in-charge shall carry mobile telephone(s) to enable the Engineer-in-charge to have easy and quick communication. Nothing extra shall be paid to the contractor on this account and his quoted rates for various items under this contract will be inclusive of this obligation.

23. The staff employed by the contractor should be well behaved, Polite & courteous. Any complaint against staff on behaviour should be taken very seriously and such should be removed by the contractor immediately from the site.

24. The contractor shall make all safety arrangement required for the labour engaged by him at his own cost. All consequences due to negligence or due to lapse of security/safety or otherwise shall remain with the contractor. The department shall not be responsible for any mishap, injury, accident or death of the contractor's staff. No claim in this regard shall be entertained /accepted by the department

25. Contractor shall be fully responsible for any damages caused to govt. Property or allotee's property by his labour / staff in carrying out the work and shall be rectified by the contractor at his own cost.

26. Taxes as applicable shall be recovered from the contractor's bill.

27. Chases, holes & drilling works etc. shall be done using power operated tools & nothing extra shall be paid on this account.

Applicability of EPF and ESI and uploading of labour welfare Details

Applicability of EPF and ESI and uploading of Labour Welfare details the following should be followed:-

(i) It should be ensured by the contractor that he shall have provident Fund code Numbers and also ensure that and sub-contractor engaged should also have provident Fund Code.

(ii) All the works deployed by contractors or sub-contractors are enrolled as members of Provident Fund and should be given the Universal Account Number (UAN).

(iii) Before clearing the bills of contractor, certificate be obtained that all workers employing directly or indirectly by him are registered for EPF and the due contributions have been into their account. The EPFO in their official website has also made facility to verify whether the contractor having provident Fund code Number is regularly depositing the PF Contribution every month in respect of all the employees deployed by them. The failure to provide social security benefits to the workers engaged by any organization directly or through a contractor is an offence under EPF & MP Act.

(iv) In case of default. The contractor is liable for penal action. Engineer-in-charge or his subordinates must ensure that contractor who is providing outsourced staff is registered with EPFO and ESIC and payment to the contractor is made only after verifying that social security cover is being extended to such staff.

(v) In view of above, it is now clear that EPF & ESI is applicable for construction worker also. Hence CPWD contractor will have to be registered with ESIC and EPFO if number of workers deployed in a day is more than 10 or 20 in preceding one year respectively. Accordingly, the labour welfare details also be updated and uploaded for each and every ongoing work by the agency or contractors.

CONDITION RELATED TO PREVENTION OF POLLUTION AS PER PRINCIPAL BENCH OF NATIONAL GREEN TRIBUNAL.

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 measures for protection are to be taken by raising of wind breakers of the appropriate height on all side of plot/ area using plastic and / or other similar material, to ensure that no construction material dust fly outside the plot area.
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. All other precautions should be taken to ensure that no dust particles are permitted to pollute the air quality.
14. The Agency would be personally responsible for effective compliance of these directions as per court orders.
15. Material storages/ warehouses- Care should be taken to keep all material storages adequately covered and contained so that they are not exposed to situations where winds on site could lead to dust/particulate emissions. Fabrics and plastics for covering piles of soils and debris is an effective means to reduce fugitive dust."

Please note that the non-compliance of Hon'ble NGT order will make you liable for action as per law including the directions for stoppage of work.

SPECIAL TERMS AND CONDITIONS

1. Works is to be carried out at Rashtrapati Niketan, Dehradun. The restrictions & rules for movement of vehicles & labour as applicable in the area shall have to be observed by the contractor including that of disposal of debris / dismantled material daily. In addition there may be some restrictions on the working hours & days in this restricted area which shall have to be observed strictly in consultation with Engineer-in-Charge. Due to this no claim whatsoever shall be entertained by the Deptt. for restricted area. The contractor should arrange sufficient work force and arrange materials to complete the work within stipulated time.
2. The contractor shall take all precautions to avoid all accidents by exhibiting necessary precautionary sign boards during day & night. He shall be responsible for all damage & all accidents caused due to negligence on his part.
3. The material will be issued to the contractor at the place of delivery as mentioned in the schedule of materials. The materials will be issued between the working hours & as per rules of the CPWD as framed time to time. Nothing extra/shall be paid on A/c of carriage of material to any part of President's Estate.
4. All material obtained from Govt. stores or otherwise shall be got checked by the Engineer-in-Charge of the work on receipt of the same at site before use.
5. No godown will be allowed for constructions in President's Estate & no deduction / extra payment will be made.
6. No labour huts will be allowed to be erected in President's Estate.
7. All materials/ Chemicals like grouts, Acrylic polymer etc. of approvable brand shall be brought to the site of work by the contractor in their original containers in sealed conditions. The materials shall be brought to the site of work by the contractor in their original containers in sealed conditions. The material shall be brought in full quantities before start of work. Material shall be kept in the joints custody of the contractor & the Engineer- in- charge or his representative. The empty containers shall be removed from the site only with written permission of Engineer-in-charge after completion of work, the theoretical statement of consumption of these items shall be prepared & compared with the actual quantity used after allowing authorized variation. The contractor will produce proof of purchases of material.
8. He shall ensure the site to be cleared thoroughly, of rubbish, scaffolding, material etc. before the actual date of completion of the work.
9. The contractor shall make his own arrangement for electric connection if required and make necessary payments directly to the department concerned.
10. No payment will be made to the contractor for damages caused by rains or other natural calamities during the execution of the works & no such claims on this account will be entertained.
11. The contractor shall provide at his own cost suitable weighting & measuring arrangement at site for checking the weight / dimension as may be necessary for execution of the work.
12. The material must be got approved from the Engineer in charge before starting the work.
13. No information obtained by the contractor in course of execution of any work in President's Estate should be reproduced in any manner or format without obtaining proper permission from President's Sectt.
14. No fabrication of steel work shall be allowed within the premises of President's Estate / Work site.
15. Strictly no electronic gadget like microphone, mobile phone, pen drive, camera, chip, SIM or other electronic equipment is allowed in President's Estate specially Family Wing.
16. Gutkha / Pan Masala / Smoking / Spitting is strictly prohibited.
17. Due to Security restriction, permission for entry of labours is given only to those labourers/Supervisors who have valid ID Proof like Aadhar Card, Driving License, Ration Card, PAN Card or any other proof issued by Govt. Department.
18. Police verification of workers is must before start of work.
19. Agency /Contractor must see the site conditions before quoting their rates. Agency /Contractor interested to visit the site may contact the office of AE B-I/ PE or EE/PE (Phone No. 23106967 or 23013981) between office hours on working days.
20. **Work shall be carried out by concerned agency day & night if required in view of urgency of work. No extra claim will be entertained on account of this.**

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

List of Preferred make for civil works
(Materials for Civil Works)

Specification/brands names of materials (Refer materials, whichever are applicable for the scope of work) and finishes approved by the Engineer-in-Charge are listed below. 1st quality product/brands from the following manufacturers will only be accepted. However approved equivalent materials and finishes of any other specialized firms may be used subject to approval of the alternate brand by the Engineer-in-Charge (See also conditions of contract).

Sl. No	Materials	Preferred make
1	ADHESIVE	PIDILITE, SIKA, THERMOSHIELD, DUNLOP, VAMORGANIC
2	ALUMINIUM DOOR FITTINGS	CLASSIC, ISI MARKED
3	BITUMEN	INDIAN OIL, HINDUSTAN PETROLEUM
4	BALL VALVES	ZOLOTO, IBP, ARCO
5	CERAMIC TILES	JOHNSON, SOMANY, KAJARIA
6	C.P. BRASS FITTINGS	JAQUAR(CONTINENTAL), KINGSTON(ELTA), MARC(ORIENTAL), PARYAG (NEPTUNE-H)
7	C.I. DOUBLE FLANGED SLUICE VALVES	KIRLOSKAR, IVC, BURN
8	CPVCPIPE	SUPREME, PRINCE, FINOLEX, ASHIRVAD, ASTRAL
9	CC PAVERS/ CHEQURED PRE CAST CONCRETE TILES	HINDUSTAN, DALAL, TERRAFERMA, SUSHMA
10	CEMENT	ACC, ULTRATECH, J.K. SUPER, SHREE CEMENT, AMBUJA, JAYPEE CEMENT, BIRLA UTTAM CEMENT
11	DASH FASTNERS	HILTI, FISHER, CANON
	DECORATIVE LAMINATE	MERINO, CENTURY, GREENLAM
12	FRP DOOR SHUTTERS AND FRAMES	ASHOO MODEL ARTS, JAI SHREE
13	FLOAT GLASS	MODI FLOAT, SAINT GOBAIN, ASAHI, GLAVERBEL, PILKINGTON, ART N GLASS INC.
14	D.I. PIPES AND FITTINGS	TATA, JINDAL, ELECTROSTEEL
15	G.I. PIPES	TATA, JINDAL (HISSAR)
16	G.I. FITTINGS	UNIK, ICS OR OTHER ISI MARKED.
17	GUNMETALVALVES	LEADER, SANT, ZOLOTO
18	HYDRAULIC DOOR CLOSER /FLOOR SPRING	HARDWYN, GODREJ, YALE
19	LOCKS/LATCH	GODREJ, HARRISON, PLAZA, GOLDEN, YALE
20	MIRROR	ATUL, MODIGUARD, SAINT GOBAIN
21	PRELAMINATED PARTICLE BOARD	CENTURY PLY, KITLAM, ECOBOARD, MERINO
22	PRECAST C.C. COVER DRAIN/MANHOLE	KKMG, NIMCO, HINDUSTAN, TERRAFERMA
23	LAMINATES	FORMICA, GREENLAM, BAKELITE HYLAM
24	PVC WATER STORAGE TANK	SINTEX, POLYWELL, SHEETAL, LOTUS
25	POLY CARBONATE SHEET	GE PLASTIC POLYGAL

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

26	PRECOATED GALVANIZED IRON PROFILE SHEET	TATA, JINDAL, ESSAR STEEL
27	R.C.C. PIPES-(NP-2)	PRAGATI, LAKSHMI, SOOD & SOOD, JAIN SPUN PIPES, INDIAN HUME PIPE CO. SPUN PIPE CO., SEMENTIA,
28	RMC	ACC, ULTRATECH, ULTRATECH(BIRLA), LAFARGE, RMC INDIA
29	STRUCTURAL STEEL SECTIONS	TATA, SAIL, RINL, JINDAL STEEL AND POWER LTD &JSW STEEL LTD~~,~~.
30	REIN FORCEMENT BARS	TATA, SAIL, RINL,
31	STAINLESS STEEL SINKS	NILKANTH, NIRALI, COBRA, PRAYAG
32	SOIL, WASTE & VENT PIPES &FITTINGS (A) CENTRIFUGAL CAST IRON	NECO, RIF
33	STONEWARE PIPE & GULLY TRAPS	PERFECT, PARRY, ANY ISI MARK
34	SMC STORAGE PANEL TANK	ANY MAKE IN INDIA BRAND (ISI MARKED)
35	TILE ADHESIVE	CICO, PIDILITE, ARDEX ENDURA, MYK- LATRICRETE, KERAKOLL, SAINT GOBAIN- WEBER, MAPEI.
36	UPVC WINDOW	FENESTA, REHAU, POLYWOOD
37	VITRIFIED TILES	GRANITO, KAJARIA, JOHNSON (MARBONITE), RAK
38	VITREOUS CHINA SANITARYWARE (W.C./ WASH BASIN)	HINDWARE, CERA, KEROVIT
39	WHITE CEMENT	J.K. WHITE, BIRLA WHITE
40	WATER PROOFING COMPOUND	TAPCRETE, CICO, ACCOPROOF, IMPERMO
41	WIRE MESH	STERLING ENTERPRISES, TRIMURTY WELDED MESH
42	WATER-PROOF CEMENT PAINT	SNOWCEM, ASIAN,BERGER PAINT.
43	WATER PROOFING MEMBRANE -APP (ATACTIC POLYPROPYLENE POLYMER)	SIKA INDIA, IWL INDIA LTD., PIDILITE, SHALIMAR SEAL AND TAR PRODUCTS (P) LTD., BENGAL BITUMEN.
44	OIL BOUND WASHABLE DISTEMPER	BISON WASHABLE OIL BOUND DISTEMPER OF BERGER MAKE, PREMIUM WASHABLE OIL BOUND DISTEMPER OF KANSAI -NEROLAC MAKE, TRACTOR BRAND WASHABLE DISTEMPER OF ASIAN PAINTS MAKE, MAXILITE OF ICI- DULUX PAINTS MAKE, JK MAXX PAINTS
45	ACRYLIC / PLASTIC EMULSION	RANGOLI ACRYLIC EMULSION OF BERGER MAKE', BEAUTY GOLD OF KANSAI - NEROLAC MAKE, APCOLITE ACRYLIC EMULSIONOF ASIAN PAINTS MAKE, SUPER COVER ICI- DULUX PAINTS MAKE, JK MAXX PAINTS.
46	ACRYLIC EXTERIOR PAINT	SONWCRYL XT OF SNOWCEM PAINT, WEATHERCOAT SMOOTH OF BERGER PAINTS, WEATHER SHIELD OF ICI PAINT, APEX OF ASIAN PAINTS, JK MAXX PAINTS

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil AE(P) EE

47	SYNTHETIC ENAMEL PAINT	LUXOL SILK EMULSION OF BERGER PAINT MAKES.ALLSCAPE OF KANSAI- NEROLAC PAINT LTD. MAKE.APCOLITE OF ASIAN PAINT MAKE. SUPER ENAMEL OF ICI- DULUX PAINTS MAKE.
48	WATER TREATMENT PLANT UNIT	PURETRON, WANDTECH, EWP, HI-TECH.

Note:-

The weight and thickness of the material should be as per CPWD Specification/relevant IS code/manufacturer specification.

Unless otherwise specific specified, the makes mentioned in the nomenclature of concerned item will prevail over the list of makes specified above.

The contractor shall provide the materials as per the make Brand indicated above. When two or more alternative brands have been mentioned, the brand to be finally used shall be decided by the Engineer-in-Charge. The contractor shall obtain the approval of Engineer-in-Charge for the alternative brands, before the actual execution of items.

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Performa for Labour to be submitted along with PG Letter by the contractor

Details of the Contractor
Name;-
Address:-
Contact No.:-

S.No.	Name, Parentage & Present Address	Permanent Address	Date of birth / Age	Place of work	Nature of work	Period & time	Photograph	Thump impression	Identity no. & contact no.	Verification no. / form Deposited

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil Sr.D/MAN AE(P) EE

Schedule of Quantity

Name of Work: A/R & M/O Rashtrapati Bhavan, New Delhi dg. 26-27 (SH: Providing, supplying, installing of water filtration and disinfection system at Rashtrapati Niketan, Dehradun.)

S.No.	Description	Qty.	Unit	Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge. A) All kinds of soil	**22.00**	**Cum**	**186.52**	**4103.00**
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : A) 1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	**6.50**	**Cum**	**6850.01**	**44525.00**
3	Centering and shuttering including strutting, propping etc. and removal of form for A) Foundations, footings, bases of columns, etc. for mass concrete	**9.00**	**Sqm**	**412.09**	**3709.00**
4	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).	**7.20**	**Cum**	**12090.44**	**87051.00**
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. A) Thermo-Mechanically Treated bars of grade Fe-500D or more.	**865.00**	**Kg**	**113.33**	**98030.00**
6	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. A) Hot finished welded type tubes	**242.00**	**Kg**	**204.28**	**49436.00**

Addition… Nil Correction... Nil Deletion ... Nil Overwriting... Nil Sr.D/MAN AE(P) EE

7	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	**12.25**	**Sqm**	**776.20**	**9508.00**
8	Providing and fixing of Raw water storage tank (1 nos.) & Raw-water feed pumps (2nos.) complete as per direction of Engineer-in-charge.				
	A) Raw water storage tank (1nos): Providing, fixing, installation, commissioning of 10,000 litre capacity HDPE Tanks with complete with positioning, connections and integration into the complete WTP package of Make: HDPE / Sintex / Ganga /Sheetal complete as per direction of Engineer-in-charge. B) Raw-water feed pumps (2nos.): Providing, fixing, installation, commissioning and testing of 2 Nos. Raw water feed pumps each 5 m^3/h at 30 m head, duty + standby, including motors and accessories and integration into the complete WTP package. Make: Kirloskar / Shakti or approved equivalent complete as per direction of Engineer-in-charge.	**1.00**	**Nos.**	**171100.00**	**171100.00**
9	Providing and fixing of Multi-grade filter vessel (1 nos.), Glass filter media (800Kg), Dual-media / activated- carbon filter vessel (1 nos.), Activated carbon media (250Kg), & Automatic multi-port valves (2nos.) complete as per direction of Engineer-in-charge.				

	A) Multi-grade filter vessel (1 nos.): Providing, fixing, installation, commissioning and testing of FRP pressure vessel, nominal 36 in dia × 72 in straight-side height, with suitable internals and automatic valve arrangement and integration into the complete WTP package. Make: Alfa / Starlite / Tata complete as per direction of Engineer-in-charge. B) Glass filter media (800Kg): Providing, fixing, installation, commissioning of Selected glass media (0.5-1.5 mm,1.5-3 mm,3-6 mm,6- 9 mm) for fine- silt removal, graded to suit the vessel and design; Make: GeoMiller, Puretron, WIPL complete as per direction of Engineer-in-charge. C) Dual-media / activated- carbon filter vessel (1 nos.): Providing, fixing, installation, commissioning of FRP pressure vessel, nominal 36 in dia × 72 in straight-side height (FRP 3672), with suitable internals and automatic valve arrangement and integration into the complete WTP package. Make: Alfa / Starlite / Tata complete as per direction of Engineer-in-charge. D) Activated carbon media (250Kg): Providing, fixing, installation, commissioning of 1200IDV Activated carbon suitable for water treatment, complete with loading into filter vessel (Make: Hitech Puretron, WIPL) complete as per direction of Engineer-in-charge. E) Automatic multi-port valves (2nos.): Providing, fixing, installation, commissioning and testing of 2-inch automatic MPV valves with required actuator/controller, complet integration into the complete WTP package. (Make: ORG/ Initiative/ Midas) complete as per direction of Engineer-in-charge.	**1.00**	**Nos.**	**395300.00**	**395300.00**
10	Providing and fixing of Process piping and fittings (1 lot) & Electrical control panel (1Nos.) complete as per direction of Engineer-in-charge.				
10.1	A) Process piping and fittings (1 lot): Providing, fixing, installation, commissioning and testing 2-inch UPVC Schedule 80 process interconnection piping with all required fittings, isolation/control valves, supports and connection and integration into the complete WTP package. (Make: Astral / Supreme) complete as per direction of Engineer-in-charge. B) Electrical control panel (1Nos.): Providing, fixing, installation, commissioning nd testing of Complete panel as required for pump, control and disinfection power/control, including starters/protection, wiring and required accessories and integration into the complete WTP package (Make: Puretron/ WIPL/ E-Tech) complete as per direction of Engineer-in-charge.	**1.00**	**Lot**	**153400.00**	**153400.00**
11	Providing and fixing of Instrumentation and controls (I&C) (1set) & Cable tray and accessories (1set) complete as per direction of Engineer-in-charge.				

11.1	A) Instrumentation and controls (I&C): Providing, fixing, installation, commissioning and testing of One complete set of required field/control instrumentation and associated accessories for the package and required accessories and integration into the complete WTP package. (Make: Danfoss/H-Guru/ Aster/UKL) complete as per direction of Engineer-in-charge. B) Cable tray and accessories: Providing, fixing, installation, commissioning and testing of One complete set of cable tray and accessories within the defined boundary limits and integration into the complete WTP package complete as per direction of Engineer-in-charge.	**1.00**	**Set**	**132160.00**	**132160.00**
12	Disinfection unit: Providing, fixing, installation, commissioning and testing of Titanium-coated Hydro-disc disinfection unit, rated 2 m^3/h, complete with electrical/control accessories capable to retain FRC>0.3ppm for 24 Hours integration into the complete WTP package. (Make: Puretron/ WIPL/ Hi-Tech) complete as per direction of Engineer-in-charge.	**1.00**	**Set**	**318600.00**	**318600.00**
		Total			**1466922.00**

Assistant Engineer (P)
PE, CPWD
Rashtrapati Bhavan
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PE, CPWD
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