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Name of Work: **A/R & M/O to Vigyan Bhawan, New Delhi during 2026-27 (SH: Providing & Installation of IGL Pipeline in ITDC Kitchen at Vigyan Bhawan)**

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निविदा सं०

44/EE/AE-III/VBD/2026-27

रु० 5,07,279/- (रुपये पाँच लाख सात हजार दौ सौ उनासी मात्र) है। जिसमें पृष्ठ संख्या **1 से 41** है, को अनुमोदित किया जाता है।

NIT No.

44/EE/AE-III/VBD/2026-27

Rs. 5,07,279/- (Rupees Five Lakh Seven Thousand Two Hundred Seventy Nine Only) having Pages No. **1 to 41** is hereby approved.

In case there's a discrepancy between English & Hindi versions in any line of this NIT, the English version shall prevail.

सहायक अभियन्ता-III
Assistant Engineer-III
विज्ञान भवन मंडल
Vigyan Bhawan Division
कें०लो०नि०वि०, नई दिल्ली
CPWD, New Delhi

ई-निविदा आमंत्रण सूचना
NOTICE INVITING e-TENDER

ई-निविदा एवं वेबसाईट पर पोस्ट किए जाने हेतु संविदाकार के लिए जानकारी एवं निर्देश
INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e- TENDERING FORMING PART OF NIT
AND TO BE POSTED ON WEBSITE

(खुली निविदाएं आमंत्रित करने के लिए लागू)
(Applicable for inviting open tenders)

The Assistant Engineer-III, Vigyan Bhawan Division, CPWD, New Delhi 110011, Email ae3vbd@yahoo.in invites on behalf of the President of India online **Percentage Rate** tenders from CPWD registered contractors enlisted in Composite Category / Civil appropriate class for the following work:

क्र० सं० S. No.	निविदा सं० NIT No.	कार्य का नाम व स्थान Name of work & Location	अनुमानित लागत Estimated cost puts to tender	अग्रिम धनराशि Earnest Money Deposit	कार्य पूर्ण करने की अवधि Period of completion	प्रेस नोटिस में निर्दिष्ट अनुसार बोली, ईएमडी, ई-निविदा प्रसंस्करण शुल्क और अन्य दस्तावेज जमा करने की अंतिम तिथि एवं समय Last date & time of submission of tender along with other documents as per NIT conditions on website	बोली खोलने का समय एवं तिथि Time & date of opening of tenders after verification of documents online
1	2	3	4	5	6	7	8
1	44/EE/AE-III/VBD/2026-27	A/R & M/O to Vigyan Bhawan, New Delhi during 2026-27 (SH: Providing & Installation of IGL Pipeline in ITDC Kitchen at Vigyan Bhawan)	Rs. 5,07,279/-	Rs. 10,146/-	15 (Fifteen) Days	27-08-2026 at 3.00 PM	27-08-2026 at 3.30 PM

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

5. Those contractors who are not registered or have not updated their profile on the website mentioned above, are required to get registered / update their profile beforehand. The necessary training materials including the videos with step to step process are available on download section of <https://etender.cpwd.gov.in>
6. The intending bidder must have valid Class-III digital signature certificate with encryption key (combo type) to perform any operations / transactions on the e-tendering portal / website and the bidder should download and install the eMSigner on their system as per instructions available on download section of <https://etender.cpwd.gov.in>.
7. On opening date, the contractor can login and see the bid opening proves. After opening of bids, he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of JPG format and PDF format.
9. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue.

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

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

10. 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.
11. It is mandatory to fill details / upload scanned copies of all the documents as stipulated in the bid document. If such document is not uploaded his bid will become invalid and processing fee shall not be refunded.
12. If the Contractor is found ineligible after opening of bids, his bid shall become invalid.
13. 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 Contractor, the bid shall become invalid.
14. As per DG Circular No. DG/Enlist. Rules-2023/10 dated 22.04.2024, the enlisted contractor will not be allowed to participate in tendering process without uploading the certificate of compulsory ERP Training.
15. The intending bidders are required to update their profile in CPWD e-tender portal and to upload their bids well in advance of last date of submission of tender. Any issue related to updating profile / uploading tender can be resolved through the concerned Executive Engineer / Assistant Engineer (011-23022111, E-mail ID ae3vbd@yahoo.in or ERP help line no 18001803286 or E-mail ID cpwd.support@techmahindra.com. The e-tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.

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

- (i) Insurance Surety Bond, Demand Draft/ Account Payee Banker's Cheque / FDR/ Bank Guarantee of any commercial Bank against EMD.
- (ii) Copy of Enlistment Order of CPWD Contractor in composite category/Building and Road Category of appropriate category.
- (iii) **Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD (The EMD document shall only be issued from the place in which the office of receiving division office is situated).**
- (iv) 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 under taking along with other bid documents.

“If work is awarded to me, I/We shall obtain GST registration Certificate, as applicable, within one Months 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 a/c of the work executed and/or for any action taken by CPWD or GST department in this regard.

- (v) Copy of PAN Card.
- (vi) The agency should upload Bank Account Details registered with his firm like Bank name, A/c Number, IFSC Code, A/c name on blank paper/firm letter head with valid email ID and Mobile No. or Bank Pass Book having details of Account.
- (vii) Copy of certificate of compulsory ERP Training issued through LMS of ERP obtained by enlisted contractor either himself or his authorised representative.
- (viii) Any other documents as specified in the NIT.

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

**Assistant Engineer-III
Vigyan Bhawan Division
CPWD, New Delhi**

भारत सरकार
Government of India
कार्यालय कार्यपालक अभियंता
Central Public Works Department

CPWD-6 FOR e-TENDERING

सहायक अभियंता-III, विज्ञान भवन मंडल, के.लो.नि.वि., कमरा न0. 315, द्वितीय तल, विज्ञान भवन (मैन बिल्डिंग), नई दिल्ली-110011 (ई-मेल: ae3vbd@yahoo.in) भारत के राष्ट्रपति की ओर से निम्नलिखित कार्य के लिए भवन और सड़कों की उपयुक्त श्रेणी में सीपीडब्ल्यूडी के अनुमोदित और पात्र पंजीकृत ठेकेदारों से ऑनलाईन प्रतिशत दर निविदाएँ आमंत्रित करते हैं:-

The Assistant Engineer-III, Vigyan Bhawan Division, CPWD, Room No.315, 2nd Floor, Vigyan Bhawan (Main Building), New Delhi-110011, Email ae3vbd@yahoo.in, invites on behalf of the President of India online **Percentage Rate** tenders from approved and eligible registered Contractors of CPWD in appropriate Category for the following work(s):-

A/R & M/O to Vigyan Bhawan, New Delhi during 2026-27 (SH: Providing & Installation of IGL Pipeline in ITDC Kitchen at Vigyan Bhawan)

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

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 bid.

1. The work is estimated to cost **Rs. 5,07,279/-** This estimate, however, is given merely as a rough guide.
 1. Work to be executed only through authorized IGL vendor.
2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD-7 (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website www.etender.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 **15 (Fifteen) Days** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
4. The site for the work 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 from website www.etender.cpwd.gov.in or www.cpwd.gov.in free of cost.
6. After submission of the bid the bidder can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, bidder can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. When bids are invited in Three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted, then the bid submitted earlier shall become invalid.
9. **Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (drawn in favour of Executive Engineer, Vigyan Bhawan Division, CPWD) 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 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 **03:30 PM on 27-08-2026**

10. The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:-
 - (i) The bidder is found ineligible.
 - (ii) The bidder does not upload scanned copies of all the documents stipulated in the Bid Document.
 - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
 - (iv) If a tenderer does not quote any percentage above/below on the total amount of the tender or any section/sub head in percentage rate tender, then the tender shall be treated as invalid and will not be considered as lowest tenderer.
11. The contractor whose bid is accepted will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in schedule E and within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the sub-contractors, if any engaged by the contractor for the said work within the period specified in Schedule F.
- 12 Description of the work is as follows: **“A/R & M/O to Vigyan Bhawan, New Delhi during 2026-27 (SH: Providing & Installation of IGL Pipeline in ITDC Kitchen at Vigyan Bhawan)**
Intending bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bids. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.
12. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
13. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable to rejection.

14. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
15. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
16. No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
17. The bid for the works shall remain open for acceptance for a period of 30 days from the date of opening of bid in case of single 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) Withdrawal of the tender, by the tenderer, shall only be made through e-tender portal. Any other method i.e. through letter / e-mail etc. shall not be considered. The tender inviting authority gets intimation through SMS and email in this regard.
 - (iv) 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 bids shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 10 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 tender as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - b) Standard C.P.W.D. Form-7 or other Standard C.P.W.D. Form as applicable.
20. The intending bidders are required to update their profile in CPWD e-tender portal and to upload their bids well in advance of last date of submission of tender. Any issue related to updating profile/uploading tender can be resolved through the concerned Executive Engineer/Assistant Engineer (011-23022111, E-mail ID ae3vbd@yahoo.in or ERP help line no 18001803286 or E-mail ID cpwd.support@techmahindra.com. The e-tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.

Assistant Engineer-III
Vigyan Bhawan Division
CPWD, New Delhi

Information and instruction for Executive Engineers of CPWD for e-tendering

1. The Executive Engineer of all divisions of CPWD should receive the original EMD for tender of other division.
2. The NIT approving authority / EE at the time of issue of NIT shall also fill and upload the following prescribed format of receipt of deposition of original EMD along with NIT: -

Receipt of deposition of original EMD (Receipt No. / date)	
Name of work: A/R & M/O to Vigyan Bhawan, New Delhi during 2026-27 (SH: Providing & Installation of IGL Pipeline in ITDC Kitchen at Vigyan Bhawan)	
1. NIT No. 44/EE/AE-III/VBD/2026-27 2. Estimated Cost - Rs. 5,07,279/- 3. Amount of Earnest Money Deposit – Rs. 10,146/- 4. Last date of submission of bid –27-08-2026 upto 03:00 PM	
1. Name of contractor ** 2. Form of EMD ** 3. Amount of earnest money deposit ** 4. Date of submission of EMD ** Signature, Name and Designation of EMD receiving officer (EE/AE(P)/AE, AAO) along with official stamp	

3. The Executive Engineer receiving EMD in original form shall examine the EMD deposited by the bidder and shall issue a receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting EE. The receipt may be issued by the AE(P)/AE/AAO.
4. The Executive Engineer receiving original EMD shall also intimate tender inviting Executive Engineer about deposition of EMD by the agency by email/fax/telephonically.
5. The original EMD receiving Executive Engineer shall release the EMD after verification from the e-tendering portal website ([https://etender.cpwd.gov.in/tenderAwardedDetails.html# search>awarded tenders](https://etender.cpwd.gov.in/tenderAwardedDetails.html#search>awarded tenders)) that the particular contractor is not L-1 bidder and work is awarded.
6. The bid inviting Executive Engineer will call for original EMD of the L-1 bidder from EMD receiving Executive Engineer immediately.

* (to be filled in by EE issuing NIT)

** (to be filled in by EMD receiving EE)

Signature, Name and Designation of EMD
Receiving officer (EE/AE(P)/AE/AAO)
Along-with Office stamp
(#to be filled by EMD receiving EE)

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

राज्य STATE :	New Delhi	परिमंडल CIRCLE:	VB
शाखा BRANCH :	C & M	मंडल DIVISION:	VBD
अंचल ZONE :	ADG (Delhi)	उपमंडल SUB-DIVISION:	III

कार्यो के लिए मद दर निविदा एवं संविदा
Percentage Rate Bid & Contract for Works

अ) कार्य के लिए प्रतिशत दर निविदा : **Percentage Bid for the work of:**

A/R & M/O to Vigyan Bhawan, New Delhi during 2026-27 (SH: Providing & Installation of IGL Pipeline in ITDC Kitchen at Vigyan Bhawan) etc).

ब) क) निविदा दिनांक **27-08-2026** को **3.00 बजे** तक ऑनलाईन वेबसाइट <https://etender.cpwd.gov.in/> पर अपलोड की जानी है।

To be uploaded upto **3.00 PM** hours on **27-08-2026** to **3.00 P.M.** on website [i.e.https://etender.cpwd.gov.in/](https://etender.cpwd.gov.in/)

ख) उन निविदाकारों के समक्ष खोली जाएगी जो दिनांक **27-08-2026** को **3.30 बजे** सहायक अभियंता-III, विज्ञान भवन मंडल, के.लो.नि.वि., कमरा न०. 315, द्वितीय तल, विज्ञान भवन (मैन बिल्डिंग), नई दिल्ली-110011 (ई-मेल: ae3vbd@yahoo.in) के कार्यालय में उपस्थित रहेगे।

To be opened in presence of bidders who may be present at **3.30 PM** hours on **27-08-2026** in the office of **AE-III, Vigyan Bhawan Division, CPWD, Room No.315, 2nd Floor, Vigyan Bhawan (Main Building), New Delhi-110011**

Tender submitted by Agency

निविदा TENDER

मैंने/हमने कार्य के लिए ई-निविदा आमंत्रण सूचना, अनुसूची क,ख,ग,घ,ड. और च लागू विनिर्देश, नक्शे एवं डिजाइन, सामान्य नियम एवं निर्देश, ठेके के उपबंध, विशिष्ट शर्तें, दर अनुसूची एवं अन्य कागजात तथा ठेके की शर्तों में दिए गए नियम तथा निविदा कागजात में उल्लिखित अन्य बातों को पढ़ व जांच लिया है।

I/We have read and examined the notice inviting e-tender, schedule, A,B,C,D,E & F. Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clause 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 documents for the work.

मैं/हम, एतत् द्वारा भारत के राष्ट्रपति के लिए अनुसूची 'च' में विनिर्दिष्ट समय के भीतर विनिर्दिष्ट कार्य, यथा-मात्राओं की अनुसूची तथा सभी संबंधित विनिर्देशों, डिजाइनों, नक्शों के अनुरूप तथा सामान्य नियमावली के नियम-1 और ठेके की शर्तों के खंड-11 में उल्लिखित लिखित अनुदेशों एवं ऐसी सामग्रियों, जो प्रदान की जाती है और उसके संबंध में, ऐसी शर्तें जो लागू हों, के अनुरूप निष्पादन हेतु निविदा देता हूँ/देते हैं।

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.

मैं/हम निविदा को, इसके खोले जाने की निर्धारित तारीख से **10 दस** दिन के लिए खुला रखने तथा इसकी शर्तों एवं निबंधनों में किसी प्रकार का परिवर्तन न करने के लिए सहमत हैं।

I / We agree to keep the tender open for **Ten (10) days** from the due date of its opening and not to make any modifications in its terms and conditions.

रु० 10,146/- की धनराशि, धरोहर राशि के रूप में नकद/देजरी चालान रसीद/अनुसूचित बैंक की माँग जमा रसीद/अनुसूचित बैंक की सावधी जमा रसीद/ अनुसूचित बैंक के डिमांड ड्राफ्ट/अनुसूचित बैंक द्वारा जारी बैंक गारंटी के रूप में एतद् द्वारा अग्रेषित की जाती है। यदि मैं/हम निर्धारित निष्पादन गारंटी को निर्धारित समय

अवधि में प्रस्तुत करने में असफल रहते हैं तो मैं/हम यह मंजूर करते हैं कि भारत के उक्त राष्ट्रपति या उनके कार्यालय के उत्तराधिकारी किसी अन्य अधिकारी या उपचारी उपाय पर प्रतिकूल प्रभाव डाले बिना उक्त धरोहर राशि जब्त करने के लिये पूर्णतया स्वतंत्र होंगे। इसके अलावा यदि मैं/हम विनिर्दिष्ट कार्य प्रारंभ करने में असफल रहते हैं तो मैं/हम यह मंजूर करते हैं कि भारत के राष्ट्रपति या उनके कार्यालय के उत्तराधिकारी कानून में उपलब्ध किसी अन्य अधिकार या उपचारी उपाय पर प्रतिकूल प्रभाव डाले बिना उक्त धरोहर राशि, तथा निष्पादन गारंटी जब्त करने के लिये पूर्णतया स्वतंत्र होंगे अन्यथा उक्त धरोहर राशि निविदा कागजात के अनुसार उसमें निहित शर्तों व निबंधनों के अनुसार कार्यों के निष्पादन एवं आदिष्ट विचलनों को अनुसूचि 'च' में वर्णित प्रतिशत से अनधिक व निविदा प्रपत्र के खंडों 12.2 व 12.3 में निहित प्रावधानों के अनुसार निश्चित की जाने वाली दरों पर उस सीमा से अधिक के विचलनों के करने के लिये उनके द्वारा प्रतिभुत – निक्षेप के रूप में रोक ली जाएंगी।

If after the opening of tender, I/we withdraw or modify my/our bid during the period of validity of tender (including extended validity of tender) specified in the tender documents,

or

If, after the award of work, I/we fail to sign the contract, or to submit performance guarantee before the deadline defined in the tender documents,

I/we shall be suspended for one year and shall not be eligible to bid for CPWD tenders from date of issue of suspension order.

A sum of **Rs.10,146/-** is here by forwarded in Receipt Treasury Challan /Deposit at call Receipt of a Scheduled Bank /fixed deposit receipt of schedule bank/demand draft of a Scheduled bank/Bank Guarantee issued by a schedule bank, as earnest money. Further, if I/We fail to commence work as specified, I/We agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said the performance guarantee absolutely. The said performance guarantee shall be a guarantee to execute all the works referred in the tendered documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, upto maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rate to be determined in accordance with the provision contained in clause 12.2 and 12.3 of the tender form.

इसके अतिरिक्त मैं/हम सहमत हैं कि बयाना राशि तथा उपर्युक्त निष्पादन गारंटी जब्त हो जाने के मामले में मुझे/हमें कार्य की पुनः निविदा प्रक्रिया में भाग लेने से रोक दिया जाएगा।

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

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

I/We hereby declare that I/We shall treat the bid 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.

तारीख Dated #.....

टेकेदार के हस्ताक्षर Signature of Contractor#

साक्षी Witness : #

डाक पता Postal Address#

पता Address: #

उपजीविका Occupation : #

To be filled by the contractor

स्वीकृति ACCEPTANCE

मैं भारत के राष्ट्रपति की ओर से तथा उनके लिए :- ----- (रूपए -----)

-----) की राशि के लिए उपर्युक्त निविदा (आपके अधोलिखित पत्रों के अनुसार परिवर्तित) को स्वीकार करता हूँ।

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

नीचे दिए गए पत्र इस ठेका करार का हिस्सा होंगे:-

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

- i)
- ii)
- iii)

भारत के राष्ट्रपति की ओर से तथा उनके लिए
For & on behalf of the President of India.

तारीख Dated

हस्ताक्षर Signature

पदनाम Designation

अनुसूचियों के प्रारूप / PROFORMA OF SCHEDULES

कार्यों की अनुसूचियां / SCHEDULES FOR WORK

अनुसूची 'क' SCHEDULE 'A'	:	
मात्राओं की अनुसूची (संलग्न) Schedule of quantities (Enclosed)	:	As attached herewith from

अनुसूची 'ख' SCHEDULE 'B'		
ठेकेदार की निर्गत की जाने वाली सामग्रियों की अनुसूची Supply Of Material to Be Issued to the Contractor		
क्रम. सं. Sl. No	मद विवरण Description of Item	मात्रा Quantity
		जिस दर पर सामग्रियां ठेकेदार का प्रभावित होगी वह दर अंकों एवं शब्दों में Rate in Figures & Word at which the material will be charged to the contractor
		निर्गत स्थान Place of issue
N/A		

अनुसूची 'घ' SCHEDULE 'D'		
कार्य के लिए विशेष अपेक्षाएं/दस्तावेज, यदि कोई हों, की अतिरिक्त अनुसूची Extra schedule for specific requirements/documents for the work, if any.	:	As per – NIT, General Conditions, Special Condition and Additional Conditions, Special conditions.

अनुसूची 'ड' SCHEDULE 'E'		
1 ठेके की सामान्य शर्तों का संदर्भ Reference to General Conditions of contract.	:	General Conditions of Contract for maintenance Works – 2023 with upto date correction slip issued upto the previous day to last date of submission of the tender.
(i) कार्य का नाम: Name of Work: A/R & M/O to Vigyan Bhawan, New Delhi during 2026-27 (SH: Providing & Installation of IGL Pipeline in ITDC Kitchen at Vigyan Bhawan)		
(ii) कार्य की अनुमानित लागत Estimated cost of work:	:	Rs. 5,07,279/-
(iii) धरोहर राशि Earnest money:	:	Rs.10,146/-
(iv) निष्पादन गारंटी Performance Guarantee :	:	a) 5% of Tendered Value or Estimated Cost Put to Tender (ECPT) (whichever is higher). b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.
(v) प्रतिभूति निक्षेप: Security Deposit:		2.5% of Tendered Value

अनुसूची 'च' SCHEDULE 'F'		
सामान्य नियम एवं दिशा निर्देश: General Rules & Directions.		
	निवदा आमंत्रण करने वाला प्राधिकारी Officer inviting tender	: Assistant Engineer-III VBD, CPWD, New Delhi or his successor thereof
परिभाषाएँ:—Definitions:		
2(v)	भार साधक इंजीनियर Engineer-in-Charge	: Assistant Engineer-III VBD, CPWD, New Delhi or his successor thereof
2(viii)	स्वीकार कर्ता प्राधिकारी Accepting Authority	: Assistant Engineer-III VBD, CPWD, New Delhi or his successor thereof
2(x)	अतिरिक्त और लाभों को पूरा करने के लिए सामग्रियों की लागत पर प्रतिशत Percentage on cost of materials and labour to cover all overheads and profits.	: 7.5%
2(xi)	दरों की मानक अनुसूची Standard Schedule of Rates	: DSR 2023 with correction slips upto previous day of the last date of submission of bid & Market Rate.
2(xii)	विभाग Department	: Central Public Works Department
9(ii)	मानक के.लो.नि.वि. ठेका फार्म, संशोधित और शोधित के.लो.नि.वि. फार्म Standard CPWD contract form	: CPWD form 7, GCC 2023 (Maint. Work) as modified and corrected upto the previous day to last date of submission of the tender.

खण्ड-1 Clause 1		
(i)	स्वीकृति पत्र जारी होने की तारीख से निष्पादन गारंटी के प्रस्तुती करण के लिये अनुमत समय, दिनों में Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance, in days	: 03 Days
(ii)	(उपर्युक्त i) में दी गई अवधि के पश्चात अधिकतम अनुमेय एक्सटेंशन, दिनों में Maximum allowable extension with late fee @ 0.1% per day of performance guarantee amount beyond the period provided in (i) above	: Nil (On written request of Contractor stating the reason of delay in procuring performance guarantee to the satisfaction of Engineer-in- Charge).

खण्ड-2 Clause 2		
	खण्ड-2 के तहत प्रतिकर निश्चित करने वाला प्राधिकारी Authority for fixing compensation under Clause 2	: Superintending Engineer Vigyan Bhawan
खण्ड-2ए Clause 2A		
	क्या खण्ड 2। क लागू होगा। Whether Clause 2A shall be applicable	: No

खण्ड-5 Clause 5		
	कार्य आरम्भ करने की तारीख की गणना के लिए स्वीकृति पत्र जारी होने की तारीख से दिनों की संख्या Number of days from the date of issue of letter of acceptance for reckoning date of start	: 03 Days Or date of handing over of site whichever is later.

लक्ष्य मील-पत्थर। सारणी : लक्ष्य नीचे दी गई सारणी अनुसार
List of Milestones : **As per Table given below**

Milestone(s) as per table given below : **Applicable**

क0सं0 S.No.	लक्ष्य का विवरण (वास्तविक) Description of Mile Stone (Physical)	अनुमत्य समय/कार्य आरंभ की तारीख से/ Time allowed (from date of start)	लक्ष्य प्राप्त ना होने की स्थिति में रोकी जाने वाली राशि Amount to be withheld in case of non achievement of milestone
1	-----NIL-----		

कार्य निष्पादित करने के लिए अनुमत्य समय Time allowed for execution of work	:	15 (Fifteen) Days
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निर्णायक प्राधिकारी Authority to Decide :			
i.	कार्य पूरा करने के लिए उचित और तार्किक समय विस्तार देने वाला प्राधिकारी Authority to convey the decision of shifting of milestone and extension of time	:	Engineer-in-charge, VBD, CPWD, New Delhi or his successor thereof
ii.	उपलब्धियों का पुनः अनुसूचिकरण करने वाला प्राधिकारी Authority to decide rescheduling of milestone and extension of time	:	Superintending Engineer Vigyan Bhawan, CPWD, New Delhi or his successor thereof
iii.	कार्यस्थल को देरी से सौंपने पर कार्य प्रारम्भ की तिथि परिवर्तन करने वाला प्राधिकारी Shifting of data of start in case of delay in handling over of site	:	Superintending Engineer Vigyan Bhawan, CPWD, New Delhi or his successor thereof
खण्ड—5 Clause 5			
Clause applicable – (5 or 5A)			: Clause 5A
Proforma of Schedule 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	All	As and when required
Part B	Portions with in cumbrances	Nil	N.A.
Part C	Portions dependent on work of other agencies	Nil	N.A.

खण्ड-6 Clause 6	
Computerized Measurement Book (CMB)/Electronic Measurement Book (EMB)	EMB (Electronic Measurement Book) or as per decision of Engineer-in-Charge.
Mode of measurements	b) Measurement to be recorded either by contractor or jointly by department and contractor.

खण्ड-7 Clause 7	
अंतरिम भुगतान के लिए पात्र होने के लिए अंतिम ऐसे भुगतान के बाद कुल भुगतान एकत्रित सामग्रियों के अग्रिमों के समायोजन सहित किया जाने वाला कुल कार्य Gross work to be done together with net Payment/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	As per decision of Engineer-in-Charge Or His successor, shall be final & binding on the both the parties.

खण्ड-7ए Clause 7A (Modified)	
Whether Clause 7A shall be applicable.	Yes No Running Account Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable is submitted by the contractor to the Engineer-in-charge.

खण्ड-8 Clause 8	
The competent authority to inspect and issue of completion certificate	Executive Engineer(C), VBD, CPWD or his successor thereof.

खण्ड-10(क) Clause 10A	Not Applicable
खण्ड-10(ख) (ii) Clause 10B(ii)	
क्या खण्ड 10(ख) (ii) लागू होगा। Whether Clause 10B (ii) shall be applicable	Not Applicable
खण्ड-10(ग) Clause 10C	
श्रम घटक को कार्य के मूल्य के प्रतिषत के रूप में अभिव्यक्त किया गया है। Whether Clause 10C shall be applicable	Yes
Component of material / labour expressed as percent of value of work of respective discipline	25%
खण्ड-10(ग)(ग) Clause 10CC	N/A
उन संविदाओं पर लागू होगा जिसमें कार्य समापन की अवधि, अगले कालम में दर्शायी गई अवधि से अधिक अनुबंधित हैं। Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in the next column.	Not Applicable
मूल्यवृद्धि के लिए अन्य सामग्री, श्रम, पी.ओ.एल आदि के घटकों की अनुसूची। Schedule of component of other Materials, Labour, POL etc. for price escalation. निर्माण कार्य सामग्री के लिए सिविल घटक (खंड 10 ग के अन्तर्गत शामिल सामग्रियों को छोड़कर)/वैद्युत कार्य में कुल मूल्य के प्रतिषत के रूप में प्रदर्शित	

खण्ड- 11 Clause 11	
कार्य निष्पादन के लिए अनुपालन किए जाने वाले विनिर्देश Specifications to be followed for execution of work	The work shall be carried out as per CPWD Specification 2019 Vol-I & II with upto date correction slips.

खण्ड- 12 Clause 12	The completion cost shall in no case exceed 1.5 times the contract amount	
Authority to decide deviation of contract amount	Upto 1.25 times the contract amount	Executive Engineer(C), VBD, CPWD or his successor
	Beyond 1.25 times upto 1.50 times of contract amount	Superintending Engineer, Vigyan Bhawan, CPWD or his successor

Type of work	A/R & M/O to Vigyan Bhawan, New Delhi during 2026-27 (SH: Providing & Installation of IGL Pipeline in ITDC Kitchen at Vigyan Bhawan)
The completion cost shall, in no case exceed 1.5 times the contract amount. Contractor will devise a system to keep a watch on quantum of work taken up vis-à-vis balance items required to complete defined scope of work and will give the alerts to Engineer-in-charge before taking up extra items(s), deviations(s) so that completion cost done not exceed above limit. Work executed beyond above limit with neither be recorded nor be paid. The Contractor will not have any claim(s) whatsoever on this amount.	

खण्ड-16 Clause 16		
घटी हुई दरे निर्धारित करने की लिए सक्षम प्राधिकारी Competent Authority for deciding reduced rates.	Superintending Engineer, Vigyan Bhawan for 5% of contract Value. ADG (RD), beyond 5% of contract Value.	

खण्ड-18 Clause 18		
कार्यस्थल पर ठेकेदार द्वारा लगाये जाने वाली अनिवार्य मशीनरी, औजार एवं सयंत्रों की सूची: List of mandatory machinery, tools & plants to be deployed by the contractor at site:	:	As specified in NIT

खण्ड-19 Clause 19	
Authority to decide penalty for each default	
Clause 19C	Engineer-in-charge, Vigyan Bhawan Division, CPWD or his successor
Clause 19D	Engineer-in-charge, Vigyan Bhawan Division, CPWD or his successor
Clause 19G	Engineer-in-charge, Vigyan Bhawan Division, CPWD or his successor
Clause 19K	Engineer-in-charge, Vigyan Bhawan Division, CPWD or his successor

खण्ड-25 Clause 25		
S.No.	Designations	
1	Conciliator	ADG (Delhi)
2	Arbitrator Appointing Authority	SE, Vigyan Bhawan
3	Place of Arbitration	New Delhi

खण्ड-25 Clause 32					
Requirement of Technical Representative(s) and :			Applicable		
Applicable Recovery Rate General Guidelines for fixing requirement for Technical Staff for a work					
Cost of Work (Rs. In Crores)	Requirement of Technical Staff		Minimum Experience (year)	Designation	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 32
	Qualification	No.			
More than 15 Lac to 1.5 Crore	i) Graduate Engineer Or Diploma Engineer	1 Or 1	2 Or 5	Site Engineer	15,000/- P.M., Per person

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

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

Clause 38

- (i) (a) Schedule/Statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2023..... printed by C.P.W.D.
- (ii) Variations permissible on theoretical quantities:
- (a) Cement
For works with estimated cost put to tender not more than Rs. 25 lakh. **3% plus/minus.**
For works with estimated cost put to tender more than Rs.25 lakh. **2% plus/minus.**
- (b) Bitumen All Works **2.5% plus only & nil o: minus side**
- (c) Steel Reinforcement and structural steel sections for each diameter, section and category **2% plus/minus**
- (d) All other materials. **Nil**

**Assistant Engineer-III
Vigyan Bhawan Division
CPWD, New Delhi**

GENERAL CONDITIONS

1. The work in general shall be executed as per the description of the items, special conditions, provisions of this tender document and the CPWD Specifications 2019 Vol-I & II with correction slip and manufacture specification additional / Particular Specifications, Architectural / structural drawings and as per instructions of Engineer-in-Charge.
2. The order of preference in case of any discrepancy as indicated under “Conditions of Contract” given in the Standard CPWD Contract form may be read as the following:
 - a) Nomenclature of item as per Schedule of Quantities.
 - b) Particular specifications, Additional Specifications, special conditions for civil and electrical.
 - c) General conditions.
 - d) Additional conditions.
 - e) Contract Clauses of Standard CPWD Contract form 2023.
 - f) CPWD Specifications for civil work.
 - 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) Manufacturers’ specifications.

A reference made to any Indian Standard Specifications in these documents, shall imply reference to the latest version of that Standard, including such revisions/ amendments as issued by the Bureau of Indian Standards upto last date of receipt of tenders. The contractor shall keep at his own cost all such publications of relevant Indian Standards applicable to the work at site.

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 liveable 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. The contractor(s) shall do the barricading upto 3 m height enclosing the area as per direction of Engineer-in-charge.
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 / contractor(s) staff 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 construction activities to be carried out. 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. 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. The Contractor (s) should engage approved, licensed plumbers for the work and get the materials (fixtures/fittings) tested, by the municipal Body/Corporation authorities wherever required at his own cost. The Contractor(s) shall submit for the approval of the Engineer-in-Charge, the name of the plumbing Agency proposed to be engaged by him.
7. 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.
8. Any cement slurry added over base surface (or) for continuation of concreting 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.
9. The department shall not bear responsibility for lack of knowledge of site condition and also the consequences thereof. The information and site data shown in the drawings and mentioned herein and also elsewhere in the tender documents are being furnished for general information and guidance only. The Engineer-in-charge in no case shall be held responsible for the accuracy thereof or any interpretation / or conclusions drawn there from by the contractor.
10. The contractor shall conduct his work, so as not to interfere with or hinder the progress or completion of the work being performed by other contractor(s) or by the Engineer-in-Charge and shall as far as possible arrange his work and shall place and dispose off the materials being used or removed, so as not to

interfere with the operations of other contractor simultaneously working or he shall arrange his work with that of the others in an acceptable and coordinated manner and shall perform it in proper sequence to the complete satisfaction of others.

11. The work shall be carried out in accordance with the Architectural drawings and structural drawings, to be issued from time to time, by the Engineer-in-Charge. Before commencement of any item of work, the contractor shall correlate all the relevant architectural and structural drawings issued for the work and satisfy himself that the information available there from is complete and unambiguous. The discrepancy, if any, shall be brought to notice of Engineer-in-Charge before execution of the work. The contractor alone shall be responsible for any loss or damage occurring by the commencement of work on the basis of any erroneous and or incomplete information.
12. The contractor shall leave such recesses, holes, openings etc. as may be required for the electric, air-conditioning and other related works (for which inserts, sleeves, brackets, conduits, base plates, clamps etc. shall be supplied free of cost by the department unless otherwise specifically mentioned) and the contractor shall fix the same at the time of casting of concrete, stone work & brick work etc., if required, and nothing extra shall be payable on this account.
13. No payment shall be made for any damage caused by rain, snowfall, flood or any other 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.
14. Any discrepancy in the drawing / nomenclature of item / additional specification etc. shall be got clarified from Engineer in Charge. Decision of Engineer in Charge shall be final and binding on the agency.
15. The work is to be 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.
16. 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.
17. 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.
18. Sample of building materials, paints, distemper, 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.
19. 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.
20. 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.
21. 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 Junior Engineer-in-charge of work.
22. The work is to be carried out in a restricted area. It shall be deemed that the contractor has satisfied himself as to the nature and location of the work, general and local conditions and particularly those pertaining to transport, including the restrictions on plying trucks etc. The department may provide all assistance by way of reasonable recommendations, in obtaining permits for plying trucks etc. from the concerned traffic authorities but bears no responsibility for the same. It shall be assumed that the contractor has also satisfied himself about, handling, availability and storage of materials, availability of

labour, weather conditions at site and general ground level and the contractor has estimated and calculated his cost accordingly.

23. The tenderer shall study carefully, the building drawings, specifications, schedule of quantities and conditions of the tender documents to fully appreciate the scope of work before quoting his rates.
24. The building work shall be carried out in the manner complying in all respects with the requirements of relevant bye-laws of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-Charge and nothing extra shall be paid on this account.
25. The contractor shall ensure the stability of the excavation so that the surrounding ground and all adjoining structures and plants will be safe against settlement, subsidence, and damage and that there is no risk of injury to personnel.
26. The contractor shall not stack building material/malba on the NDMC land or road or on the land owned by any other authority, as the case may be. In case, the Contractor is found stacking the building material/malba as stated above, he shall be liable to pay the stacking charges as may be levied by NDMC or any other local body or authority and also to face penal action as per the rules, regulations and bye-laws of the said body or authority. The Engineer-in-Charge shall be at liberty to recover the sums due but not paid to the concerned authorities on the above counts from any sums due to the contractor including amount of the Security Deposit or Retention Money in respect of this contract or any other contract.
27. The contractor shall be responsible for arranging at his own cost all necessary tools and plants required for proper execution of work.
28. All tools, plant and machinery provided by the contractor shall, when brought on to the site, be deemed to be exclusively intended for the construction and completion of this work and the contractor shall not remove the same or any part thereof (say for the purpose of moving it from one part of the site to another) without the consent of the Engineer-in-Charge.
29. The rates for various items of the work shall apply for all floor heights and depths unless otherwise specified in the relevant items or schedule of quantity attached with this tender document.
30. All incidental charges of any kind whatsoever including cartage, storage, cutting and wastage etc., shall be borne exclusively by the contractor and nothing extra shall be paid to him on this account.
31. The contractor shall provide at his own cost suitable weighing measures, levelling equipment's and measuring equipment's etc. at site for checking the weight, dimensions and levels as may be necessary for execution of work.
32. The day to day receipt and issue accounts of cement, paint, distemper etc. shall be maintained in the standard Performa by the Contractor or his authorized representatives & shall be duly signed by Junior Engineer/Assistant Engineer in-charge of the work.
33. All the hidden items such as water supply lines, drainage pipes, conduits, sewers etc. are to be properly tested before covering.
34. Samples including brand / quality of materials and fittings to be used in the work shall be got approved from the Engineer-in-Charge, well in advance of actual execution and shall be preserved till the completion of the work.
35. All ancillary and incidental facilities required for execution of work like labour camp, stores, fabrication yard, offices for Contractor, watch and ward, temporary ramp required to be made for working at the basement level, temporary structure for plants and machineries, water storage tanks, installation and consumption charges of temporary electricity, telephone, water etc. required for execution of the work, liaison and pursuing for obtaining various No Objection Certificates, completion certificates from local bodies etc., protection works, barricading, testing facilities / laboratory at site of work, facilities for all field tests and for taking samples etc. during execution or any other activity which is necessary (for execution of work and as directed by Engineer-in-Charge), shall be deemed to be included in rates quoted by the Contractor, for various items in the schedule of quantities. Nothing extra shall be payable on these accounts. Before start of the work, the Contractor shall submit to the Engineer-in-Charge, a site / construction yard layout, specifying areas for construction, site office, positioning of machinery, material yard, cement and other storage, steel fabrication yard, site laboratory, water tank, etc.
36. The Contractor shall display all permissions, licenses, registration certificates, bar charts, other statements etc under various labour laws and other regulations applicable to the works, at his site office.

37. QUALITY ASSURANCE/TESTING OF MATERIALS: -

37.1 The contractor shall establish a laboratory at site to test the coarse aggregate, fine aggregate, water, sand, cement etc to be used in construction.

37.2 With each Running Bill, the details of test carried out shall be submitted by the contractor as per Performa (As per General Index).

37.3 Samples of materials required for testing shall be provided free of charge by the contractor. The cost of tests to be carried out in approved labs shall be borne by the contractor in the manner indicated below, **-All expenditure to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing changes shall be borne by the contractor.**

a) All the test in field lab setup at construction site shall be carried out by the Engineering Staff deployed by the contractor which shall be 100% witnessed by JE & 50% of tests shall be witnessed by AE-in-Charge. At least 10% of the tests are to be witnessed by the EE/ SE.

b) All the entries in the registers will be made by the designated Engineering staff of the contractor and same should be regularly reviewed by JE/AE/EE/SE.

c) Contractor shall be responsible for safe custody of all the test registers.

d) Submission of copy of all test registers, materials at site Register and hindrance register along with each alternate Running Account Bill and Final Bill shall be mandatory.

e) Extensive testing of the materials used for construction is a pre-requisite for attaining high quality of the work. This shall also require specialized tests, physical, chemical, ultrasonic, x-ray and various other types of tests which cannot possibly be carried out in a site laboratory. These tests also require specialized personnel who regularly deal in such testing. Therefore, the need arises for carrying out the tests in outside laboratories. These laboratories may be in the Govt. sector, Semi Govt. or Private sector. The outside private laboratories shall be short listed beforehand by EE and approval obtained from Superintending Engineer, Vigyan Bhawan, CPWD, New Delhi. In case of laboratories in the private sector, the past record and reputation of the laboratory must invariably be given due consideration. The infrastructure in these laboratories can also be inspected before they are short listed.

38. FIELD LABORATORY

The contractor has to establish field laboratory at site including all necessary equipment's and skilled manpower for the Field Tests (As per General Index) at his own cost to have proper quality control. For performing the above tests, the Field-Testing Equipment's and Instruments (As per General Index) are to be arranged and maintained by the contractor.

38.1 The contractor shall ensure quality construction in a planned and time bound manner. Any sub-standard material / work beyond set-out tolerance limit shall be summarily rejected by the Engineer-in-Charge & contractor shall be bound to replace / remove such sub-standard / defective work immediately.

38.2 The list of Laboratory/ Field equipment referred above are to be arranged and maintained by the contractor at the site of work. In case the equipment required for any test is not available at site, the department shall get the test conducted from the third party. However, in that event, besides providing free materials of sample, the cost of taking of sample, packing, transportation, testing charges etc. shall be borne by the contractor irrespective of the results.

39. Payment shall be made strictly on the basis of biometric attendance/ Manual attendance and biometry machine shall be installed by the contractor and nothing extra shall be paid for the same. The contractor shall ensure that the biometric machine is installed within a week of date of start of contract, if failing to do so a recovery of Rs. 500 per day of delay will be recovered in the bill. Exemption from biometric attendance in case of Covid-19 shall be strictly followed as per MHA/CPWD-DG guidelines. In case of any confusion, direction of Engineer-in-charge shall be followed
40. The work shall be carried out as per CPWD specification with up to date correction slips and as per the entire satisfaction of Engineer-in-charge.
41. Nothing extra shall be claimed in any circumstances.
42. The necessary recoveries will be deducted as applicable.
43. Social Security benefits including ESI & EPF etc. shall be provided by the contractor which may be reimbursed as per government's rules.
44. The payment to employees must be made through ECS, Cheque, or RTGS only. No other means of payment will be entertained & the contractor has to provide the receipt of the payment along with bill.
45. The contractor has to pay the salary according to the Central Government minimum wages.
46. No salary will be given for the period of absent.
47. Rates are inclusive of labour cess @ 1% and same will be deducted as recovery from cross amount during payment to agency.
48. Normal Working Hour by the Carpenter, Sewerman, Plumber and Helper shall be observed daily from 9:00 AM to 5:30 PM with half hour lunch break.
49. Rates are inclusive of all types of taxes, nothing extra shall be paid.

50. The Contractor shall be responsible for any legal aspect from employee side. Department will not responsible for that.
51. The contractor shall ensure that salary is paid to the contractual labour latest by 7th of every month, otherwise recovery **of Rs. 500/- per person per day of delay will recovered in the bill.**
52. Required quantity of supply items as given in the schedule shall be brought and deposited with JE in charge as and when required and as per direction of Engineer-in-charge. If failing to do so within Two days of direction given by Engineer-in-charge, a **recovery of Rs. 500/- per item per day of delay will be recovered in the bill.**
53. 100% quantity of the material like Paint, distemper, plastic emulsion paint, water proofing cement paint shall be brought in sealed containers & deposited with JE in charge within a week of date of start of contract, if failing to do so a **recovery of Rs. 500 per day of delay will be recovered in the bill.**
54. Police verification of every staff deployed by the contractor shall be got done by the contractor compulsorily and a copy of police verification shall be provided to Engineer-in-Charge after which an identity card duly countersigned by Engineer-in-Charge or his representative shall be issued to each employee of the contractor for proper identification. The contractor shall provide uniform along with Badge and shoes within 15 days of start of work. In the event of noncompliance, a **recovery of Rs.25/- per day per employee shall be made.** The employee and labours engaged by the contractor under this contract shall wear neat and clean uniforms along with name badges as approved by Engineer-in-Charge.
55. In no case, Mortar/cement concrete shall be mixed directly on floor/road surface. For mixing of mortar, G.I. Sheet/Ply etc. shall be used to maintain the surface of flooring/road. If at any instance, any worker is found, mixing mortar/cement concrete directly on floor/ road surface, **recovery of Rs. 1000/- instance shall be made from running bill.**
56. Contractor will maintain attendance records of the staff, which will be checked by the Junior Engineer/Assistant Engineer/Executive Engineer-in-charge of the work. In case of absence of any staff, **recovery shall made at the Rates of twice the prevailing minimum wages per head per day.**
57. **Whenever any work is assigned or a complaint is lodged with the contractor through the site Order Book, the contractor shall with and complete the said work or resolve the complaint maximum seven (7) days of issuance. If the contractor fails to comply the work is assigned or a complaint, the work shall be executed by the department of through any other agency without further notice or without intimation of the contractor. The cost of such work, as verified and certified by the Engineer-in-charge, shall be deducted from the contractor's bill.**
58. **The contractor shall submit authenticated copies of itemized bills of the materials which has to be entered in the M.A.S. Register Viz Steel, Cement, Bitumen, Paint, Water Proofing materials or any other item required for execution of work authenticated copies of itemized bill must be obtained by field staff / authorities from the agencies / contractor before setting payments.**
59. **All dismantled material received from dismantling shall be deposited at office of concerned Junior Engineer-in-Charge and nothing extra shall be paid in this account.**
60. **Site should be left neat and clean after completion of work.**
61. **The contractor has to submit all the supply items approved by the Engineer-in-Charge within 03 (Three) Weeks from the date of start of the work to the work site, otherwise Rs.50,000/- per month will be recovered from the contractor bill.**
62. **Any complaint should be attend within 24 Hrs. failing which Rs.1000/- Per complaint per day will be recovered from contractor's bill.**
63. **Full quantity of material i.e. supply of item or such as paint / putty / primer / POP etc. shall be deposited in sealed container in advance and get it checked by Engineer-in-Charge before use or his successor.**
64. **It shall be mandatory for bidder to submit the self-attested copies of Tax Paid Bills of the materials entered in M.A.S. Register Viz., Steel, cement, Bitumen, Paint, Primer, Distemper, Varnishes, Tile Adhesive, Admixtures, Anti-Termite Chemical, Water proofing Compound material or any other item as directed by the Engineer-in-Charge at any point of time during the execution of the work. Also, the onus of genuineness of Tax paid Bill will rests with the bidder.**
65. **Paint shall be issued to contractor by JE.**
66. **Agency will arrange for the strainer of required shade and nothing shall be paid for it.**
67. **Panting work over walls shall only be carried out with application of roller.**
68. **The manufacturing date and batch number will be inscribed or printed on packs / containers by manufacturers are acceptable for all the above said materials. Fresh material shall be brought at**

site as far as possible and materials more than 04 Months old from the date of manufacturing will be rejected.

69. The contractor shall have to get the shades of all types of paints, distempers, water proofing cement paint etc. approved from the Engineer-in-Charge before procurement of materials.
70. The contractor shall be required to produce samples of all materials sufficiently in advance to obtain approval of the Engineer-in-Charge. Subsequently the materials to be used in the actual execution of the work shall strictly confirm to the quality of samples approved. In case of variation, such materials shall be liable to rejection.
71. The contractor shall not store / dump construction material or debris on metalled road.
72. The contractor shall take appropriate protection measures like raising wind breakers of appropriate height on all sides of the plot / area using CGI sheets or plastic and / or other similar material to ensure that no construction material dust fly outside the plot area. **The contractor shall ensure that the construction activity does not cause any air pollution during course of construction and/or storage of material or construction activity. The agency should quote his rates after considering the cost involved in this regard. Nothing extra shall be paid on this account. No claim in this regard shall be entertained.**
73. 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.
74. The contractor shall compulsory use of wet jet in grinding and stone cutting.
75. 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.
76. 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.
77. Work to be executed only through authorized IGL vendor.

**Assistant Engineer-III
Vigyan Bhawan Division
CPWD, New Delhi**

Additional Conditions

1. The tender shall acquaint him with the proposed site of work, its approach roads, working space available before quoting his rates.
2. 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.
3. Utmost care shall be taken to keep the noise level to the barest minimum so that no disturbance as far as possible is caused to the occupants / users of building.
4. The contractor shall be entirely and exclusively responsible for the horizontal, vertical and other alignment, the level and correctness of every part of the work and shall rectify effectively any errors or imperfections therein. Such rectifications shall be carried out by the contractor at his own cost to the instructions and satisfaction of the Engineer-in-Charge.
5. The proposed work is to be carried out in a prestigious building and quality of work is of paramount importance. Contractor shall have to engage well experienced skilled labour and deploy modern T&P and other equipment's to execute the work. Work will specifically require engagement of skilled workers having experience particularly in execution of such items.
6. Samples of all building materials, fittings and other articles required for execution of the work shall be got approved from the Engineer-in-Charge. Articles manufactured by Firms of repute and approved by the Engineer-in-Charge shall only be used. Articles classified as "First Quality" by the manufacturer shall be used unless otherwise specified. Preference shall be given to those articles which bear BIS Certification mark. In case articles bearing BIS Certification mark are not available, the quality of samples brought by the contractor shall be judged by the 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.
7. The contractor shall be required to produce samples of all materials to be arranged and procured by him sufficiently in advance to obtain approval of the Engineer-in-charge. Subsequently the materials to be used in the actual execution of the work shall strictly of the same quality of samples approved. In case of variation in the quality, such materials shall be liable to rejection. The rejected material shall be immediately removed from the site of work by the contractor at his own cost. If the contractor fails to remove the rejected material from the site within 48 hours of their rejection, the Engineer-in-charge is authorized to remove the same at the risk and cost of the contractor. No claim financially or otherwise shall be entertained on account of any reason whatsoever.
8. The contractor shall ensure quality execution in a planned and time bound manner. Any sub-standard material/ work beyond set out tolerance limits shall be summarily rejected by the Engineer-in-Charge.
9. Best make of approved quality of all paints, distemper, fittings, fixtures, hinges, screws, nails etc. shall be used after getting the samples of same approved by the Engineer-in-charge
10. Wherever the construction is taken up, the contractor shall provide at his own cost an all weather motor able track/parking place if considered necessary by the Engineer-in-charge entirely to his satisfaction to facilitate the movement and parking of inspection vehicles.
11. No inflammable materials including P.O.L. shall generally be allowed to be stored at site. However, reasonable quantity may be permitted for storage subject to the compliance of all rules / instructions issued by the competent authorities and as per the direction of Engineer-in-Charge.
12. In the event of any restrictions (including temporary suspension of work) being imposed by the Security agency, CPWD, Traffic or any other authority having jurisdiction in the area on the working or movement of labour /material, the contractor shall strictly follow such restrictions and nothing extra shall be payable to the contractor on this account. The loss of time on this account, if any, shall have to be made up by generating additional resources etc. General Security restrictions are given as under:
 - (i) The movement of trucks and vehicles shall be regulated in accordance with rules and regulations as approved by competent authority.
 - (ii) The contractor shall inform, in advance, the truck registration numbers, ownerships of the trucks, names and addresses of the drivers for necessary action by the Security agency.

13. All the malba shall be disposed by the contractor to the dumping ground approved by the MCD/NDMC or as directed by the Engineer-in-charge. The site shall be kept neat and clean during and after the completion of the work
14. The dismantling/demolishing where required shall be done in a manner that no other portion of the building or its fixture or the existing flooring is damaged. In the event of any such damages, the same shall be made good by the contractor at his own cost and no claim whatsoever will be entertained on this account.
15. Water Charges, Income Tax, Value Added Tax and other taxes shall be recovered from the gross amount of the bills as per relevant rules.
16. **Vigyan Bhawan** it's surroundings are restricted area where movement of vehicles is rottenly restricted. The contractor shall have to apply for passes well in advance for carrying out the work including safety measures. No claim shall be entertained for any loss on this account.
17. The contractor shall be solely responsible for any act of omission on the part of the labour.
18. The contractor has to submit fortnightly labour reports mandatory.
19. **Samples of all materials shall be got approved from the Engineer-in-charge before bringing the lot.**
20. **All expenditure to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. Including testing charges shall borne by the contractor.** Testing may also be carried out at the discretion of the Engineer-in-charge, from the lot of finished product brought at site by the contractor, and testing shall be carried out from the list of approved Laboratories only.
21. The contractor shall be required to comply with the provisions of Delhi Labour Welfare Fund notified by the Delhi Govt. on 13.7.04 as per which if the contractor employs directly or through other persons, five or more than five persons on any working day dg. The preceding Two Months, owes a statutory obligation to deposit: -
 - (i) Fines realized from employees.
 - (ii) Unpaid accumulations.
 - (iii) Contribution of employer @ 75 paise per employee, per six months.
 - (iv) Contribution of employer @ Rs. 2.25 per employee, per six months.

As per the provision of the above said act all employees are covered, expect managerial and supervisory staff drawing as wages Rs. 2500/- per month or more, engaged in different establishment and if any employer fails to deposit the amount payable under the provisions of the said Act, panel interest would be charged @ 1% p.m. for the first Two Months and thereafter panel interest would be charged @ 1.5% p.m. and the arrears are recoverable as Arrears of "Land Revenue"
22. The rates of all items shall be inclusive (unless specified clearly) of cost of labour, material, taxes, cartage and other aspects involved in the execution of work and nothing extra shall be payable on any account.
23. Contractor shall provide name, father's name, residential address and other details i/c photo as may be required by the security staff for issue of photo pass to the labour engaged on work.
24. The contractor shall be responsible for behaviour and conduct of his labourer. The contractor shall engage no labourer with doubtful integrity or having a bad record.
25. Department shall not be responsible for any loss of material brought by the contractor at site.
26. During execution of work, contractor shall make necessary arrangements for cleaning of common areas daily after the work.
27. No labour huts will be allowed to be constructed at the work site. The contractor shall have to make his own arrangement for transportation of labourers at work site and back at his own cost. Nothing extra shall be payable on this account.
28. The contractor shall make his own arrangements for obtaining electric connections, if required and make necessary payments directly to the department concerned.
29. Some restrictions may be imposed by the security staff or any other law enforcing agency etc. on the working and/or movement of labour, materials etc. the contractor shall be bound to follow all such restriction / instruction and nothing extra shall be payable on the account.
30. The work may be permitted to be done in odd hours in case of urgency, subject to the permission for security for which nothing extra shall be payable.
31. (i) 1% (one percent) water charges shall be recovered on the gross amount of bill from the contractor, if the Govt. water is used.

(ii) 1% Labour cess shall be recovered on the gross amount of the bill of contractor.

32. The contract agency is bound to strict compliance to the directions of Hon'ble National Green Tribunal on Air Pollution etc. from construction and demolition activities during the currency of Agreement. Any violation of such directions resulting fine/penalty by the competent authority shall be borne by the contract agency.

33. **As per DG CPWD OM No. 9/2/2024/का०-II/म०नि०/46(हि०) dated 24.05.2024 in compliance of order dated 29.01.2024/06.05.2024, of the Hon'ble Delhi High Court, In the matter of CONT. CAS. No. 220/2022 titles as "New Delhi Nature Society Vs Rajesh Bansal & Ors." In case any work is to be commenced, which is within two meters radius from any existing tree, the permission of the Tree Officer shall have to be taken by agency which undertakes Civil Work as a mandatory condition. In case there is non-compliance of the aforesaid condition of taking permission from the Tree Officer, the same shall entail strict penalty by appropriate authority.**

34. **As per DG Circular No. DG/Enlist. Rules-2023/10 dated 22.04.2024, the enlisted contractor will not be allowed to participate in tendering process without uploading the certificate of compulsory ERP Training. The existing enlisted contractor either himself or his authorised representative shall take compulsory ERP Training through any of the CPWD RTI's at Delhi, Mumbai, Chennai, Kolkata, NCA Ghaziabad, training arranged by graduates of ERP "Train the trainers programme" or through any other special training arranged by ERP Unit of CPWD. Training is valid only when participants are registered in LMS of ERP and certificate is issued through LMS of ERP.**

In case of non-enlisted contractor being first lowest in any of the tender then either contractor himself or his authorized representative shall take compulsory ERP training through any of the CPWD Regional Training institutes (RTIs) at Delhi, Mumbai, Chennai and Kolkata, National CPWD Academy (NCA) Ghaziabad, Training arranged by Graduates of ERP "Train the Trainers Programme" conducted by NCA, Ghaziabad or through any other special training arranged by ERP unit of CPWD within two months from the date of issue of intent letter. Training will be valid only when non enlisted contractor is registered in LMS of ERP and certificate is issued through LMS of ERP. Failure to do so, a recovery of Rs. 10,000/- per week shall be made from the R/A bill without giving any show cause notice in this regard.

35. **DEVIATION FROM THE DRAWINGS, SPECIFICATIONS, STIPULATION, CONDITIONS**

The contractor is not to vary or deviate from the drawings, specifications, stipulation, conditions of tender document or instructions to execute any work of any kind whatsoever unless so authorized by the Engineer-in-Charge in writing. For any extra work involved in consequence of some breach of this contract or the part of the contractor(s), no extra payment will be admissible to the contractor.

36. **PROTECTION OF WORKS**

All finished Works shall be protected from damage by covering with appropriate material as per direction of Engineer-in-Charge (Nothing extra shall be paid on this account) that could arise from other construction activities or natural phenomenon. Work shall be planned and executed in such a manner that work completed by others is not damaged. The compliance of these provisions is deemed to be included in the quoted amount and nothing extra shall be paid on this account. The contractor shall maintain in good condition all work till the completion of entire work allotted to him. Engineer-in-Charge shall not be held responsible for any claims for injuries to persons/workmen or for structural damage to property happening from any neglect, default, want of proper care or mis conduct on the part of the contract or of any other of his authorized representatives / labour in his employment during the execution of the work. The compensation, if any, shall be paid directly to the department/authority/persons concerned, by the contractor at his own cost.

37. **RIGHT TO CARRY OUT THE WORK**

The right to carry out the work either in conformity with or in a manner entirely different from the terms of this tender document that may be considered the most suitable before or subsequent to the receipt of tenders due to exigencies of work is reserved with the Engineer-in-Charge.

38. **PROGRESS OF WORK**

Contractor shall give the Engineer-in-Charge on the 10th day of each month, copy of progress report in the prescribed format of the work done during the previous month and program/ proposal for the next month. Such progress report will include the quantum of work done, important materials consumed, and materials available at site, materials proposed to be procured during the month & photographs of important activities as well as showing progress of the work.

39. **NIGHT WORK**

For completing the work in time, the contractor might be required to work in two or more shifts (including night work) and no claim what so ever shall be entertained on this account, notwithstanding the fact that the contractor will have to pay to the labourers and other staff engaged directly or indirectly on the work according to the provisions of the labour regulations and the agreement entered upon and /or extra amounts for any other reason.

40. **CONTRACTOR TO INDEMNIFY**

The Contractor shall at all times indemnify the department against all claims, damages or compensation under the provisions of payments of Wages Act 1936, Workmen's Compensation Act 1923, Minimum Wages Act 1948, Employment Liability Act 1938, Industrial Disputes Act 1947, Maternity Benefit Act 1961, Interstate Migrant Workmen (Regulation of Employment and Conditions of Service) Act 1979 or any modifications thereof or any other law relating thereto any rules made there under from time to time or as a consequence of any accident or injury to any workmen or other person in or about the works, whether in the employment of the Contractor or not, save and except where such accident or injury has resulted from any act of the department, their agents or servants and also against all costs, charges and expenses of any suit, action or proceedings arising out of such accident or injury and against all sum or sums which may with the consent of the Contractor be paid to compromise or compound any such claim without limiting his obligation and liabilities as above. The Contractor shall insure against all claims, damages or compensation payable under the Workmen's Compensation Act 1923, or any modifications thereof or any other law relating thereto. The Contractor shall ensure that similar insurance policies are taken out by his sub contractor (if any) and shall be responsible for any claims or losses to department resulting from their failure to obtain adequate insurance protection in connection thereof. The contractor shall procure or cause to be produced by his Sub-Contractors (if any) as the case may be relevant policy or policies and premium receipts as and when required by the Engineer-in-charge.

41. **SAFETY OF WORKERS**

Over and above the provisions made in CPWD Safety Code the following will also be applicable: In respect of all workmen directly or indirectly employed in the work for the performance of the contractor's part of this agreement, the contractor shall at his expense arrange for the safety provisions as per Indian Standard Safety codes shown below and shall at his own expense provide for all facilities in connection therewith. In case the contractor fails to make arrangement and provide necessary facilities as aforesaid, he shall be liable to pay penalty prescribed under relevant clauses of these tender documents for each default and in addition the Engineer-in-charge shall be at liberty to make arrangement and provide facilities as aforesaid and recover the cost incurred on that behalf from the contractor, and no claims on this account whatsoever shall be entertained.

- 27.1.1 IS : 3696 (part I) Safety code for scaffolds and ladders.
- 27.1.2 IS : 3696 (part II) Safety code for scaffolds and ladders Part II ladders.
- 27.1.3 IS : 4081 Safety code for blasting and drilling operations.
- 27.1.4 IS : 7293 Safety code for working with construction machinery.
- 27.1.5 IS : 7969 Safety code for storage and handling of building materials.
- 27.1.6 Any other code and/or as per directions of Engineer-in-charge.

42. **COMPLIANCE OF LAWS**

The contractor shall keep himself fully informed of all acts and laws of the Central and state govt. (i.e. Govt. of National Capital Territory of Delhi) all local bye laws, ordinances, rules and regulations and all orders and decrees of bodies or, tribunals having any jurisdiction or authority which in any manner affect those engaged or employed on the work or which in any way affect the conduct of the works. Contractor shall at all times, observe and comply with all such laws, ordinances, rules, regulations, orders and decrees, and shall give all notices and pay out of his own money any fees or charges to which he may be liable. He shall protect and indemnify the Department and its officers and employees against any claim or liability arising out of violations of any such law, ordinances, legislations, order or decree, whether by himself or by his employees & authorized representatives.

43. **PREVENTION OF NUISANCE AND POLLUTION**

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. He shall make good at his own cost and to the satisfaction of the Engineer-in-charge, any damage to roads, paths, drainage works or public or private property whatsoever caused by the execution of the work or by traffic brought thereon by the contractor. All waste or superfluous materials shall be cleaned away by the contractor without any reservations entirely to the satisfaction of the Engineer-in-charge at no extra cost.

44. **NO WAIVING OF LEGAL RIGHTS AND POWERS**

The Engineer-in-Charge shall not be precluded or stopped from taking any measurements, and framing of estimates or detaining any certificates made either before or after the completion and acceptance of the work and payment, from showing the true amount and character of the works performed and materials furnished by the contractor and from showing that any such measurements, estimates or certificates untrue or incorrectly made and that Engineer-in-charge shall not be precluded or stopped from recovering from the contractor such damages as it may be sustained by reasons of his failure to comply with the terms and conditions of the contract. Neither the acceptance by the Engineer-in-Charge nor any payment for acceptance of the whole or any part of the work nor any extension of time nor any possession taken by the Engineer-in-Charge shall operate as a waiver of any portion of the contract or any power here in reserved or of any risk to damage. A waiver of any breach of the contract shall not be held to be a waiver of any other or subsequent breach.

45. **SITE MAINTENANCE**

The Contractor shall maintain the Sites in good order during the whole construction period. It is strictly prohibited to bury any kind of waste materials, solid or liquid, in the ground. In the event of accidental discharge of polluting materials, the Contractor shall take immediate mitigating action and shall immediately inform the Client and the appropriate authorities.

46. **PERSONAL PROTECTIVE EQUIPMENTS (PPEs)**

The contractor shall provide required PPEs to workmen to protect against safety and/or health hazards.

Primarily PPEs are required for the following protection.

- I. Head Protection (Safety helmets)
- II. Foot Protection (Safety footwear, Gumboot, etc.)
- III. Body Protection (High visibility clothing (waistcoat / jacket), Apron, etc.)
- IV. Personal fall protection (Full body harness, Rope-grap fall arrester, etc.)
- V. Eye protection (Goggles, Welders glasses, etc.)
- VI. Hand protection (Gloves, finger coats, etc.)
- VII. Respiratory Protection (Nose mask, SCBAs, etc.)
- VIII. Hearing protection (Ear plugs, Ear muffs, etc.)

The PPEs and safety appliances provided by the contractor shall be of the standard as prescribed by Bureau of Indian Standards (BIS). If materials conforming to BIS standards are not available the contract or as approved by the Engineer-in-charge shall procure PPE and safety appliances.

All construction workers should be provided with high visibility jackets with reflective tapes confirming to the requirement specified under BS EN 471: 1994. The conspicuity of workmen at all times shall be increased so as to protect them from speeding vehicular traffic. The contractor shall provide safety helmet, safety shoe and high visibility clothing for all employee including workmen, traffic marshal and other employees who are engaged for any work under this contract as per the following requirement. In addition to the above any other PPE required for any specific jobs like, welding and cutting, working at height, tunneling etc. shall also be provided to all workmen and also ensure that all workmen use the PPEs properly while on the job. The contractor shall not pay any cash amount in lieu to PPE to the workers / sub- contractors and expect them to buy and use during work. The contractor shall at all-time maintain a minimum of 10% spare PPEs and safety appliances and properly record and show to the Engineer-in-charge during the inspections. It is always the duty of the contractor to provide required PPEs for all visitors towards this required quantity of PPEs shall be kept always at the security post.

47. **VISITORS TO SITE**

No visitor is allowed to enter the site without the permission of the Engineer-in-charge. All authorized visitors should report at the site office and contractor shall provide visitor's helmet (White helmet with visitor sticker) and other PPEs like safety shoe, reflective jacket, and respiratory protection etc. as per requirement of the site. All visitors shall be accompanied at all times by a responsible member of the site personnel. The contractor shall be fully responsible for all visitor's safety and health within the site.

48. **EMPLOYER'S RISK**

In the event of any such loss or damage happening from any of the excepted risks defined in GCC 2023 pertaining to permanent works, as in combination with other risks, the contractor shall, if so required by the Engineer-in-charge, rectify the loss or damage. An addition to the contract price shall be determined treating the work done to rectify the loss or damage as variation/ extra/ substituted item, as given in the relevant clauses.

- a) Whenever any event as mentioned above occurs, the contractor will notify the Engineer-in-charge,

within 14 days and provide a forecast cost of repairs / rectifications of damages / losses. As soon as information demonstrating the effect of such event is available, the Engineer-in-charge shall assess the cost of repairs/ rectifications to be paid. In case contractor's forecast is deemed unreasonable, the Engineer-in-charge shall adjust the contract price.

- i) The contractor shall be responsible for behavior and conduct of his labourer. The contractor shall engage no labourer with doubtful integrity or having a bad record.
- ii) Department shall not be responsible for any loss of material (on account of any reason) brought by the contractor at site.
- iii) During execution of work, contractor shall make necessary arrangements for cleaning of common areas daily after the work.
- iv) Some restrictions may be imposed by the security staff or any other law enforcing agency etc. on the working and/or movement of labour, materials etc. the contractor shall be bound to follow all such restriction / instruction and nothing extra shall be payable on the account.
- v) Contractor shall adopt all the safety measures for the labourers as well as for the staff during the execution of work.
- vi) The work may be permitted to be done in odd hours in case of urgency, subject to the permission for security for which nothing extra shall be payable.
- vii) The work shall be executed in highly secured Zone Area and nothing extra shall be paid on this account.

**Assistant Engineer-III
Vigyan Bhawan Division
CPWD, New Delhi**

Minimum Quality Assurance Plan

1. Tests which are mandatory as per CPWD specification amended up to date are to be carried out by the contractor. While deciding these criteria CPWD Specifications & Provisions of BIS Code and Standard Practices may be referred.
2. Machinery and other Tool & Plants required to be deployed at site by the contractor as per requirement. Entire Machinery and T&P may not be required at the start of work, therefore, a proper time schedule by which each Machinery & T&P is to be brought at site should be submitted by the contractor to the site staff before start of the work.
3. Field laboratory is required if necessary for this work then testing equipment's to be arranged by the contractor. If field lab is to be setup by the Department, then contractor may be allowed for conducting the test there.
4. **Maintenance of Register of Tests –**
 - (i) All the registers of tests carried out at Construction Site or in outside laboratories shall be maintained by the contractor which shall be issued to the contractor by Engineer-in-charge at the time of issue of award letter.
 - (ii) All Samples of materials including Cement Concrete Cubes shall be taken by Contractor jointly with JE in charge of work and out of this at least 50% samples shall be taken in presence of AE in charge. If there is no JE, all Samples of materials including Cement Concrete Cubes shall be taken by contractor in presence of AE in charge of work. All the necessary assistance shall be provided by the contractor. Cost of sample materials is to be borne by the contractor and he shall be responsible for safe custody of samples to be tested at site.
 - (iii) All the test in field lab setup at Construction Site shall be carried out by the Engineering Staff deployed by the contractor in presence of JE-in-charge and at least 50% of tests in presence AE-in-charge. At least 10% of tests shall be carried out in presence of Executive Engineer.
 - (iv) All the entries in the registers will be made by the designated Engineering Staff of the contractor and same should be presented before JE/AE/Divisional Engineer for their review.
 - (v) Contractor shall be responsible for safe custody of all the test registers.
5. It is mandatory to the contractor to submit copy of all test registers, Material at Site Register and hindrance register along with each alternate Running Account Bill and Final Bill. These registers shall further be checked by AE(P)/Senior Draughtsman in Division Office and receipts of registers should also be acknowledged by Accounts Officer by signing the copies and register to confirm receipt in Division office. If all the test registers and hindrance register is not submitted by contractor along with each alternate R/A Bill & Final Bill, no payment shall be released to the contractor.
6. **Maintenance of Material at Site (MAS) Register –**
 - (i) All the MAS Registers including Cement and Steel Registers shall be maintained by Contractor which shall be issued to the contractor by Engineer-in-charge along with the award letter.
 - (ii) The contractor shall get 100% test checked by JE or by AE if there is no JE after each entry of receipt of material at site in MAS register.
 - (iii) The contractor shall get MAS Register test checked by JE at least twice a week and at least once a week by AE. If there is no JE is available then MAS register must be checked by AE at least twice a week.
 - (iv) Cement register shall be got reviewed by Divisional Engineer at least once in a month.

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List of approved Labs

As per CPWD Works Manual SOP No. 5/16 provided by OM No. DG/SOP-2024/07 dated 29.10.2024 and requirement of field units competent authority has approved following Laboratories in Government/Semi Government for ADG(Delhi) Region for testing of material used in construction.

- (i) NSIC Technical Service Center(NTSC), Okhla, New Delhi.
- (ii) Delhi Technological University (DTU), Delhi
- (iii) Netaji Subhash University of Technology (NSUT), Delhi.
- (iv) National Test House (NTH), Ghaziabad.
- (v) Central Building Research Institute Roorkee.
- (vi) National Institute of Technology (NIT), Delhi.

In view of above after 29.02.2025, no private Lab is empanelled under ADG (Delhi) Region. So to carry out testing of materials used for construction/maintenance works same shall be done through Govt. institutes/Govt. Laboratories / ADG (Delhi) approved lab only.

**Assistant Engineer-III
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CPWD, New Delhi**

Special Conditions for cement

- 1.1. Cement required for the work shall be procured by the contractor.
- 1.2. The contractor shall procure, **43 grade** (conforming to IS: 8112) ordinary Portland cement / Portland Pozzolana Cement confirming to IS: 1489 (Part-I) as required in the work from reputed manufacturers of cement such as **ACC, L & T, Shri Cement, Birla, Ambuja and Cement Corporation of India** approved by Ministry of Industry, Government of India and holding license to use ISI certification mark for their product whose name shall be got approved from Engineer-in-charge. Supply of cement shall be taken in **50-kg bags** bearing manufacturer's name, or his registered trademarks if any and grade and type of cement as well as ISI marking. The packing of the cement bags shall be as per para No. 3.1.2.5 of CPWD Specifications 2019 Vol. I & II for cement mortar, cement concrete, RCC works.
- 1.3. Storage space for cement shall be provided by the department.
- 1.4. Sample of cement arranged by the contractor shall be taken by the Engineer-in-charge and got tested in accordance with provisions of relevant BIS codes. In case test result indicate that the cement arranged by the contractor does not conform to the relevant BIS codes, the same shall stand rejected and shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer-in-charge to do so.
- 1.5. The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract.
- 1.6. The theoretical, consumption of cement shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein. No payment for excess consumption of cement will be allowed. However, for consumption lesser beyond permissible theoretical variation recovery shall be made in accordance with conditions of contract at **Schedule A to F (CPWD-7)** without prejudice to action for acceptance of work/item at reduced rate or rejection as the case may be.
- 1.7. For non-schedule items, the decision of the Superintending Engineer regarding theoretical quantity of cement, which should have been actually used, shall be final and binding on the contractor.
- 1.8. Cement brought to site and remaining unused after completion of work shall not be removed from site without written permission of the Engineer-in-charge.

**Assistant Engineer-III
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SPECIAL CONDITIONS OF PAINT

1. Scrapping shall be shown to the Assistant Engineer and got approved and test checked by him, prior to application of priming and putty on surface.
2. The contractor shall have to remove all splashes after completing each day's work. In case the splashes are not removed by the contractor the same shall be got removed by the Engineer-in-charge at contractor's risk & cost.
3. Material of following make/brand shall be used by the contractor and sample shall be got approved from the Engineer-in-charge.

4.

(a) Synthetic Enamel Paint

Name of the firm	Brand Name
(i) Asian Paint	Apcolite Premium gloss Enamel
(ii) Berger Paints	Luxol Hi – Gloss
(iii) Kansai Nerolac Paint Ltd	Nerolac Synthetic Enamel high Gloss Finish
(iv) ICI Paints	Dulux Gloss

(i) PremiumAcrylic Smooth Exterior with Silicone additives paint.

Name of the firm	Brand Name
(i) Asian Paint	Apex Ulitima
(ii) Berger Paints	Weather coat smooth
(iii) Kansai Nerolac Paint Ltd	Excel Total
(iv) ICI Paints	Dulux Weather Shield

(b) Acrylic Distemper 1st Quality having VOC (Volatile Organic Compound) content less than 50 gm / litre

Name of the firm	Brand Name
(i) Asian Paint	Tractor Acrylic Distemper
(ii) Berger Paints	Bison Acrylic Distemper
(iii) ICI Paints	Maxolite
(iv) Kansai Nerolac Paints	Nerolac Beauty Acrylic Distemper

(c) Cement Primer (Interior)

Name of the firm	Brand Name
(i) ICI Paints	Dulex Cement Primer
(ii) Kansai Nerolac paint Ltd.	Nerolac Cement Primer
(iii) Asian Paints	Deco Cement Primer
(iv) Berger Paints	B.P cement Primer

(d) Acrylic Smooth Exterior Paint

Name of the firm	Brand Name
(i) Kansai Nerolac paint Ltd	Suraksha Plus Acrylic exterior emulsion
(ii) Berger Paints	Bison Acrylic Emulsion
(iii) Asian Paints	Apex Ultima Europa

(e) Acrylic Emulsion paint Interior grade having VOC (Volatile organic Compound) less than 50gm/ltr

Name of the firm	Brand Name
(i) Asian	Apeolite Premium Emulsion
(ii) Berger	Rangoli Premium Acrylic Emulsion
(iii) Nerolac	Beauty Gold Acrylic Emulsion
(iv) ICI	Dulux Solitaire

(f) Premium acrylic Emulsion paint Interior grade having VOC (Volatile organic Compound) less than 50gm/ltr

Name of the firm	Brand Name
(i) ICI	Velvet Touch
(ii) Nerolac	Lotus Touch
(iii) Asian Paint	Royal Aspira
(iv) Berger	Silk Luxury emulsion

(g) Cement Based Putty

	Name of the firm	Brand Name
(i)	Birla	Birla Putty
(ii)	JK	JK Wall Putty

(h) Interior Textured paint brand

- (i) Asian
- (ii) Berger
- (iii) Nerolac
- (iv) ICI

Make/ Brand of any other material/ fitting not mentioned above shall also be got approved from Engineer-in-charge in advance before starting the work.

In case of material/fittings of make/brand other than mentioned above is to be used due to non-availability or any other reason permission will have to be obtained from Engineer-in-charge in writing.

The date of manufacturing and batch no. will be inscribed or printed on pack/containers by manufacturers are acceptable for all the above said materials. Fresh material shall be brought at site as far as possible and materials more than 30 Days old from the date of manufacturing will be rejected.

The contractor shall have to get the shades/brands of all types of paints, distempers, water proofing cement paint etc. Approved from the Engineer-in-charge before procurement of materials.

5. Nothing extra shall be paid for excess consumption of material in case of material arranged by the contractor. In case of less consumption of material than theoretical requirement, the payment shall be restricted for the area covered theoretically with the quantity actually consumed provided the quality of work is acceptable.
6. **100% quantity** of the material like paint, distemper, Plastic emulsion paint, water proofing cement paint shall be brought in sealed containers & deposited with JE in charge before start of the painting work.
7. All empty containers received after use of Paints, distemper etc. in the work shall be kept at site store till completion of the work and shall not be allowed to be removed without permission of the Engineer-in-charge.

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LIST OF PREFERRED MAKE OF MATERIALS

Preferred/Brands names of materials approved by the **Architect/Engineer-in-Charge** are listed below. However approved equivalent materials and finishes of any other specialized firms may be used, in case it is established that the brands specified below are not available in the market, the same shall be subjected to approval of the alternate brand by the **Architect/Engineer-in-Charge**, (See also conditions of contract).

Sl. No.	Materials	Approved make
1.	Poly-Sulphide Sealant	Pidilite, Tuffseal, Choksey, DURABUILD, Asian Paint
2.	Damp Proof Material	Impermo, Dura Build, Acco-Proof, Choksey, Asian Paint
3.	Structural Steel, Sections	Tata, Sail, RINL, Jindal
4.	TMT bars	Tata, Sail, RINL, Jindal
5.	Admixture	Fosroc, MC, Dura Build, Choksey, MAKPHALT
6.	White Cement	J.K. White, Birla White
7.	Water Proofing Compound, Liquid Applied Waterproofing Coating	Tap Crete, CICO, Dura Build, Accoproof, ImpermoChoksey, Asian Paint, MAKPHALT
8.	Bitumen, Bituminous Compounds & Primers	Indian Oil, Hindustan Petroleum, MAKPHALT
9.	Injection Grouting, Sealants & Injections Grouts	Pidilite (Dr Fixit), DURABUILD, CHOKSEY, Asian Paint, MAKPHALT
10.	Nonmetallic Surface Hardener	MC Deritop F.H.
11.	Locks/Latch	Godrej, Harrison, Plaza, Dorset
12.	Laminates	Formica, Merino, GreenLam, Kitlam
13.	Wire Mesh	Sterling Enterprises, Trimurty Welded Mesh
14.	Prelaminated Particle Board	Action TESA, Bhutan Boards, Greenlam, kitlam
15.	Adhesive	Pidilite, Dura Build, Dunlop, Asian Paint, CHOKSEY
16.	Epoxy Mortar	Fosroc, Dura Build, Sika, BASF CHOKSEY, Asian Paint
17.	Dash Fasteners	Hilti, Ficher, Canon
18.	Flush Door Shutters (Decorative/ Non-Decorative)	Kitlam, Century, Greenply, Corbett, Bhutan Tuff
19.	Board & Plywood	DURO, KITPLY, CENTURY, Greenply, Bhutan Tuff
20.	Hydraulic Door Closer/Floor Spring	Hardwyn, Godrej, Dorset
21.	Wooden Door Fittings of Brushed Steel	B & R Dorma, Godrej, Dorset
22.	S.S. Staircase Railing	Jindal Stainless Steel Ltd., Hardwyn
23.	Fire Check Door, Fire Rated Sliding Door, Fire Rated Rolling Shutters, Sliding Door, Folding Door, Hanger Door, High Speed Door, Sectional Doors	Romat, Kutty Door, Navair, Avians
24.	Fire Check Accessories Calcium Silicon Board	Fromtect
25.	Smoke Seal Strip	Imported Promat/Astro Flame
26.	Fire Door Closer, Lock, Handle	Ingerboll Rand/Dorma, Hardwyn, Everest
27.	Fire Panic Exit Device & Hardware	Ingerrissoll, Hardwyn, Everest
28.	Anodized Aluminium Hardware (Heavy Duty)	Hardima, Everite, Sigma (ISI Marked)
29.	Tempered Glass	Modi Float & Saint Gobain, ASAHI, Glaverbel
30.	Polyester Powder Coating Shades	Nerolac, Berger, J & N
31.	Aluminium Sections	Jindal, Hindalco, Indalco

32.	Friction Stay Hinges	Earl-Bihari, Godrej, Hettich, Haffele
33.	Nuts, Bolts and Screws, Steel	Kundan, Priya, Atul
34.	EPDM Gasket	Hanu/Anand
35.	Structural Silicone	Dow Corning/Wacker
36.	Weather Silicone	Dow Corning/Wacker, Dura Build, Choksey
37.	Adhesive Tape	Norton, 3M, Avery Dennison
38.	Terrazzo Tiles (Precast)/Plain/ Chequerred	NITCO, HINDUSTAN, MODERN
39.	Glazed Ceramic Tiles	JOHNSON, SOMANY, KAJARIA, BELL CERAMICS, NITCO, ORIENT, ASIAN
40.	Cement Concrete Tiles/Hardonite Tiles	NITCO, NTC, HINDUSTAN, ORIENT
41.	Vitrified Tiles	GRANITO, NAVIN DIAMOND, KAJARIA, JOHNSON (MARBONITE), ORIENT, ASIAN, BELL
42.	Tile Adhesive ⁷⁰ .	CICO, Dura Build, PIDLITE FERROUS, Choksey, Asian Paint
43.	Clay Tiles on Roof	KENZAI, JOHNSON
44.	C.C. Pavers	NITCO-(ROCKARD), TUFTEK, K.K, ESS&ESS, MODERN
45.	Acrylic Emulsion Paint	ASIAN ICI, NEROLAC, BURGER, SHALIMAR
46.	Luxury Emulsion Paint	Burger-silk, Asian-Royal, ICI-Velvet, Nerolac-Impression
47.	Grass Paver	Unistone, Ultra, Shree, Supertile, Modern
48.	Water-Proof Cement Paint	Kilicknixon, Durocem, Snowcem
49.	Synthetic Enamel Paint	Berger, Nerolac, Asian, ICI India Ltd.
50.	Plastic Emulsion Paint	Berger, Nerolac, ICI India Ltd., Asian Paint
51.	Vitreous China Sanitary ware	Parryware, Hindware, CERA
52.	Fireclay Sinks & Drain Boards	Parry, Sunfire
53.	Stainless Steel Sinks	Nilkanth, AMC, Cobra, Jayana, Cera, Kingston
54.	C.P. Brass Fittings	Jaquar, Marc, Jonhson, Cera, Kingston
55.	Soil, Waste & Vents Pipes & Fittings A) Centrifugal Cast Iron, Centrifugally Cast (Spun) Iron Spigot, Socket Soil, Waste, Ventilating, Rainwater Pipes, Iron Pipe	Neco, RIF, RPMF
56.	LA (CI) Pipes	RIF, Neco
57.	G.I. Pipes	Tata, Jindal – Hissar
58.	G.I. Fittings (Malleable Cast Iron)	Unik, ICS
59.	Gunmetal Valves	Leader, Sant, Zoloto
60.	Stone Ware Pipe & Gully Traps	Perfect, Parry
61.	R.C.C. Pipes-(NP-2)	Lakshmi, Sood&Sood, Jain & Co.
62.	MS Pipe	Kesoram, Electro Steel
63.	C.I. Double Flanged Sluice Valves	Kirloskar, IVS, Burn
64.	C.I. Double Flanged Non-Return Valves	Kirloskar
65.	C.I. Manholes Covers, Gratings	B.C. RIF, RPMF
66.	UPVC Pipe	Supreme, Prince, Finolex
67.	Copper Tubes/Pipes	Rajco, Max Flow ABC
68.	Copper Fittings	Yorkshine, IBP, Bconex
69.	Ball Valves	Zoloto, IBP, Arco
70.	Butterfly Valves	Audco
71.	Unglazed Vitrified Tiles	Johnson – (Endura), Somany – (Dura Stone), Regency – (Tiles)
72.	Spider Fittings	Dorma, Sevax
73.	Mineral Fibre False Ceiling	Armstrong, Gyptechor, Diamond Ceilings & GYPTECH or Equivalent as per Relevant IS Codes

74.	APP Sheet for water proofing, APP Sheet Membranes	Roflex, STP, Dermabit, Water tite (Alex), Bitumat, Asian Paint, MAKPHALT
75.	PE-AL-PE PIPES & FITTINGS	Jindal, Supreme
76.	PVC/SINTHETIC WATER TANK	Sintex, Uniplast
77.	Self Closing Pillar Taps	Jaquar
78.	Hot Water Insulation	Glass Wool/ Mineral Wool
79.	Elastomeric Sleeve	Up Twiga / Rocklloyd
80.	Beveled Edge Mirror	Atul/Saint Gobain/Modi
81.	Rolling Shutters	Rama Rolling Shutters / Joyti Rolling Shutters / Anand Industries, AVIANS
82.	Wall Putty	Birla, J.K, Berger, Asian Paint, Acro
83.	Drapery Rod, Venetian Blinds	Mac, Vista
84.	Ready Mixed Concrete	ACC, Ultra Tech (Birla), L&T
85.	PTMT Fittings	Prayag, Shakti
86.	HDPE PN-6, PE-80, HDPE	Dure-line, Supreme, Vikas - "Tijaria", MAKPHALT
87.	Electric Resistance Welded (ERW) Pipes Slotted/Blind for Tube well	Jindal, SAIL, TATA, WELLSPUN
88.	Aluminium Composite Panel	Aludecore, Alstone, Alstrong, Aluco Band, Aluco Pan, Virgo
89.	Sodium Hypochlorite solution	Diversy, SDLE and Combigen
90.	Sanitization Machine in 5 litre tank Capacity	Euronics, Dolphy
91.	WPC/PVC Sheet Window/Door shutters & frame, Board, Jali	Rehau, Veka and Fenesta, Rajshri Plastiwood,
92.	Texture Decorative Paint	OIKOS/SKK/Armourcoat
93.	Metal False Ceiling	Armstrong, Hunter Duglus, HI-Steel Durlum, DIAMOND CEILING
94.	Laquered Glass	Modi, Sant Gobain, Asahi, Glaverbel
95.	Hard wood flooring	Juncker, Vitofloor, Parador, Pergo
96.	Wooden Laminate Flooring	Vista, Juncker, Vitofloor, Pergo
97.	Nylon Carpet Tiles/Rolls	Forbo Flotex, Bently carpet, Modulys carpet
98.	Calcium Silicate and Gypsum Board/ Tiles	Ramco-Hilux, Gyproc, Boral
99.	Micro Concrete	FOSROC, ULTRATECH
100.	Carbon wrapping products for structural repair	HEXACURE, FOSROC, ASIAN PAINT, Dr. FIXIT
101.	Frosted self adhesive PVC film	3M, Garware, Godrej, Avery demission
102.	Acoustical Wall Panelling	Gyptechor, GYPTECH or Equivalent as per Relevant IS Codes
103.	Motorized Gates, Dock Leveler, Dock Shelter	Avians
104.	Boom Barriers, Swing Barriers, Flap Barriers	Avians
105.	Tripod Turnstiles, Full Height Turnstiles	Avians
106.	Bollard, Tyre Killer	Avians
107.	Anti-corrosive Pipeline Coating	MAKPHALT
108.	Specialized Primers	MAKPHALT
109.	Powder Based Construction Chemical Products	MAKPHALT
110.	Construction Textiles & Bubble Reflective Insulation	MAKPHALT
111.	Glass Reinforced Gypsum (GRG) Ceiling Tiles	DIAMOND CEILING
112.	G.I Ceiling Suspension System (G.I T-Grid)	DIAMOND CEILING

113.	Polyurethane (PU) Resin and FOAM	SIKA, Dr. Fixit, FOSROC
114.	Polyurethane Elastomeric Coating & Water proofing	SIKA, Dr. Fixit, FOSROC
115.	Epoxy Cement Hybrid flooring	SIKA Floor EPOCEM, FOSROC (Nitrofloor), Floorkrete (Floorcem)
116.	Combiflex Tape	SIKA
117.	Epoxy Sealant & Adhesive	SIKA, Dr. Fixit, Pidilite
118.	SMC Panel Tank	Sintex / Amitex / Devi Polymer / Sovisy / Poly Plast
119.	Polycarbonate sheet	Macrolux, Danpalon India Ltd., GE Lexon (Poly Varitis), DPI System, MPP
120.	Pipe	Jindal, Vishal Pipe, Harsa Steel
121.	All IGL Fittings and Accessories	Flange and Flange, Mark Diwal

Note:- Contractor has to bring samples as per above preferred brands only and Engineer in Charge shall approve one sample out of the samples brought by the contractor. The contractor has to use material of that approved sample only. No claim in this regard shall be entertained.

**Assistant Engineer-III
Vigyan Bhawan Division
CPWD, New Delhi**

न्यूनतम रु० 100/- के गैर न्यायिक स्टाम्प पेपर पर
On on-judicial stamp paper of minimum Rs.100

अनुबन्धों के निष्पादन के संबंध में बैंक द्वारा केंलो०नि०वि० को दी गई गारंटी
(Guarantee offered by Bank to CPWD in connection with the execution of contracts)
बयाना राशि जमा/प्रदर्शन गारंटी/सुरक्षा जमा/मोबिलाइजेशन अग्रिम के लिए बैंक गारंटी फार्म
Form of Bank Guarantee for Earnest Money Deposit /Performance Guarantee/Security
Deposit/Mobilization Advance

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

OR

- Whereas the Executive Engineer (name of division), CPWD on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number with(name and address of the contractor) (hereinafter called "the Contractor") for execution of work (Name of work) The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. (Rupees only) valid upto (date)..... as Performance Guarantee/Security Deposit/Mobilization Advance from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.
2. We, (indicate the name of the bank) (herein after referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs. (Rupees..... only) on demand by the Government within 10 days of the demand.
3. We,(indicate the name of the Bank), do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupeesonly)
4. We, (indicate the name of the Bank), further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.
5. We, (indicate the name of the Bank), further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. We, (indicate the name of the Bank), further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.

8. We, (indicate the name of the Bank), undertake not to revoke this guarantee except with the consent of the Government in writing.
9. This Bank Guarantee shall be valid up to unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date

Witnesses:

1. Signature.....

Name and address

Authorized signatory

Name

Designation

Staff code no.

Bank seal

2. Signature

Name and address

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

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

SCHEDULE OF QUANTITY

Name of Work: A/R & M/O to Vigyan Bhawan, New Delhi during 2026-27 (SH: Providing & Installation of IGL Pipeline in ITDC Kitchen at Vigyan Bhawan)

S.No.	Description of item	Qty	Unit	Rate	Amount
1	Providing and fixing CS seamless pipe size 50mm A-106 ASTM SCH#40 pipeline with fabrication & instalation charges, rubber padding for pipe insulation, welding cutting work etc. complete as per direction of Engineer-in-charge.	120	Mtr	1432.70	171924.00
2	Providing and fixing IGL Approved Ball valve size 50 mm etc. complete as per direction of Engineer-in-charge.	4	Each	5668.60	22674.00
3	Providing and fixing ISOLATION Ball Valve size 15 mm etc. complete as per direction of Engineer-in-charge.	30	Each	1432.70	42981.00
4	Providing and fixing BOURDON TYPE 4" 4KG Pressure Guage with fitting etc. complete as per direction of Engineer-in-charge.	3	Each	2055.70	6167.00
5	Providing and fixing Angle Clamp+U Clamp for pipe support 50 mm etc complete as per direction of Engineer-in-charge.	70	Each	311.46	21802.00
6	Providing and fixing Seamless Elbow (IBR) size 50mm etc complete as per direction of Engineer-in-charge.	29.00	Sqm	560.60	16257.00
7	Providing and fixing Semless Tee & Reducer (IBR) size 50mm etc complete as per direction of Engineer-in-charge.	4	each	934.40	3738.00
8	Providing and fixing Burnel Pigtail (Flexible Rubber Tube) etc complete as per direction of Engineer-in-charge.	30	Each	604.20	18126.00
9	Providing and fixing Flanze size 50nb+Gaskit+ Nutbol (WNRF) etc complete as per direction of Engineer-in-charge.	1	Each	3426.10	3426.00
10	Providing and fixing PNEUMATIC TESTING 6.2 Bar Pressure, 02 Coat Enamel Paining, Flow Directional Sticker etc complete as per direction of Engineer-in-charge.	1	Each	8720.90	8721.00
11	Providing and fixing Core cutting for wall crossing etc complete as per direction of Engineer-in-charge.	3	Each	1868.80	5606.00
12	Providing and fixing PESO approved gas leak detector PNG 24VDC with output PFC	5	Each	11835.60	59178.00

	(GAS JENITOR) etc complete as per direction of Engineer-in-charge.				
13	Transportation Charges	1	Each	4360.50	4361.00
14	Providing and fixing Heavy Duty Control Panel 04 Zone GJCP16 etc complete as per direction of Engineer-in-charge.	1	Each	18064.80	18065.00
15	Providing and fixing Hooter Alarm 24 VDC (GAS JENITOR) etc complete as per direction of Engineer-in-charge.	1	Each	1463.90	1464.00
16	Providing and fixing Main Shut-Off Solenoid Valve 25mm with Fitting etc complete as per direction of Engineer-in-charge.	1	Each	19310.70	19311.00
17	Providing and fixing Flexible 3 core 1sqm wire with G.I condute etc complete as per direction of Engineer-in-charge.	200.00	Each	249.20	49840.00
18	Providing and fixing Gas Leakage Detection System Installation & Testing Charges etc complete as per direction of Engineer-in-charge.	1	Each	24294.00	24294.00
19	Providing third party inspection report approved by PNGRB Agency etc complete as per direction of Engineer-in-charge.	1	Each	9343.90	9344.00

Total Rs. 507279.00

Conditions:-

1. All necessary recoveries shall be recovered from the contractor's gross amount of the bill as per prevailing rules.
2. Contractor must see the site before quoting his rates.
3. The work shall be executed in highly secured Zone Area and nothing extra shall be paid on this account. All necessary arrangement have to be made by the contractor to get the passes/I card from P.M. Security if required.
4. Work to be executed only through authorized IGL vendor.

**Assistant Engineer-III
Vigyan Bhawan Division
CPWD, New Delhi**