



भारत सरकार
Government of India
केन्द्रीय लोक निर्माण विभाग
Central Public Works Department

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

FOR

Name of Work : “Construction of Hostel for officers, Dining block, Lecture Hall complex & M.T. Garage at Additional land (Phase-III) of CBI Academy, Kamla Nehru Nagar, Ghaziabad U.P. (SH: Conducting Soil Investigation and K Value Test). ”

NIT No. : 30/EE/GD-II/2026-27

Estimated Cost : Rs. 4,98,914/-



**Executive Engineer,
Ghaziabad Division - II,
CGO - I, CPWD, Ghaziabad**
Phone: 0120-2985775, Email: gzb-eeepd@cpwd.gov.in

INDEX

Name of Work: - Construction of Hostel for officers, Dining block, Lecture Hall complex & M.T. Garage at Additional land (Phase-III) of CBI Academy, Kamla Nehru Nagar, Ghaziabad U.P. (SH: Conducting Soil Investigation and K Value Test).

S. No.	DESCRIPTION	PAGE
1.	Cover page	1
2.	Index	2
3.	Notice Inviting Tender	3
4.	Information & Instructions for Bidders for e-Tendering	4-6
5.	Proforma of Receipt of deposition of EMD	7
6.	CPWD-6 for e-Tendering	8-12
7.	Tender Form CPWD-7	13-14
8.	Schedules - A to F	15-19
9.	Similar Nature of Works	20
10.	Performance Report of Works	21
11.	Form of Bank Guarantee for Earnest Money Deposit/Performance Guarantee/Security Deposit/Mobilization Advance (Annexure IV)	22-223
12.	List Of Machinery, Tools & Plants to Be Deployed by The Contractor Annexure-D	24
13.	Particular Conditions for Work	25-26
14.	Special Conditions of Workers'' Safety and Welfare	27
15.	Schedule of Quantities	28

This NIT contains pages **1 to 28**

**Executive Engineer,
Ghaziabad Division - II,
CGO - I, CPWD, Ghaziabad**

Phone: 0120-2985775, Email: gzb-eeepd@cpwd.gov.in

NOTICE INVITING TENDER

N.I.T. No.	30/EE/GD-II/2026-27
Name of work	Construction of Hostel for officers, Dining block, Lecture Hall complex & M.T. Garage at Additional land (Phase-III) of CBI Academy, Kamla Nehru Nagar, Ghaziabad U.P. (SH: Conducting Soil Investigation and K Value Test).
Estimated Cost	Rs. 4,98,914/-
Earnest Money	Rs.9,978/-
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.
Security Deposit	2.5% of tendered value
Time Allowed	15 (Fifteen) Days

This NIT for the above work amounting to Rs. 4,98,914/- (Rs. Four Lakh Ninety-Eight Thousand Nine fourteen Only) is hereby approved.

**Assistant Engineer(P)
Ghaziabad Division II,
CPWD, Ghaziabad**

**Executive Engineer
Ghaziabad Division II,
CPWD, Ghaziabad**

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING

The **Executive Engineer(C), Ghaziabad Division - II, CPWD, CGO - I, Ghaziabad** on behalf of President of India invites online Percentage rate bids from approved and eligible specialized agencies by E-tendering process for the following work:

NIT No.	30/EE/GD-II/2026-27
Name of Work & Location	Construction of Hostel for officers, Dining block, Lecture Hall complex & M.T. Garage at Additional land (Phase-III) of CBI Academy, Kamla Nehru Nagar, Ghaziabad U.P. (SH: Conducting Soil Investigation and K Value Test).
Estimated Cost put to Tender	Rs. 4,98,914/-
Earnest Money	Rs.9,978/- in favour of Executive Engineer, Ghaziabad Central Division, CPWD, AF Station, Hindon, Ghaziabad.
Stipulated Period of Completion	15 (Fifteen) Days
Last Date & Time of Online Submission of Bids, copy of Receipt of deposition of original EMD & Other Documents as specified in the Bid Document	Up to 15:00 Hrs on 08.10.2026
Date & Time of Opening of Bid	At 15:30 Hrs on 08.10.2026

Tender will be issued to those contractors who have successfully completed similar works during last seven years ending previous day of last date of submission of bid.

- i. Three similar works each of value not less than **40%** of the estimated cost put to tender i.e. **Rs. 1,99,566 /-.**
Or
- ii. Two similar work each of value not less than **60%** of the estimate cost put to tender i.e. **Rs. 2,99,348/-.**
Or
- iii. One similar work of value not less than **80%** of the estimate cost put to tender i.e. **Rs. 3,99,131/.**

Definition of Similar work:-

Similar work means “Soil Investigation/Geo-Technical Investigation of soil.” in Central Govt./Central autonomous Body/Central Public Undertaking/State Govt. Departments

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

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

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

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

1. 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.
2. Information and instructions for bidders posted on website shall form part of bid document.
3. The bid document consisting of plans, specifications, schedule of quantities of various types of items to be executed and the set of terms & conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.
4. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or Division office of any Executive Engineer, CPWD with in the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Banker's Cheque or/and Bank Guarantee (for the balance amount as prescribed) from any of Commercial Banks 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 inviting EE), CPWD and other documents as specified.
5. Those Bidders 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 instruction available on download section of <https://etender.cpwd.gov.in>.
7. On opening date, the Bidder can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of **JPG** format and **PDF** format.
9. Contractor must ensure to quote rate in the prescribed column(s) meant for quoting rate in figures appears in yellow colour and the moment rate is entered, it turns sky blue.

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

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

The 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. Receipt for deposition of original EMD to division office of any EE, CPWD in prescribed Proforma along with scanned copy of original EMD. **(Annexure I)**
- iii. Valid NABL certificate.
- iv. Affidavit on bidder letter head as under:

“I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in CPWD in future

forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee. (Scanned copy to be uploaded at the time of submission of bid)”

- v. GST registration Certificate *as applicable (Uttar Pradesh state)*, if already obtained by the bidder.

Or

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

“If work is awarded to me, I/we shall obtain GST registration Certificate, as applicable, within one month from the date of receipt of award letter or before release of any payment by CPWD, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on a/c of the work executed and/or for any action taken by CPWD or GST department in this regard.”

- vi. Similar work experience certificate as per criteria set in this NIT along with list of work as per proforma **Annexure II** given in the NIT.

Similar work means “**Soil Investigation/Geo-Technical Investigation of soil.**” in Central Govt./Central autonomous Body/Central Public Undertaking/State Govt. Departments.

- vii. Performance report of similar works as per **Annexure III**.
viii. Certificate for ERP Training, if already obtained by the bidder.

Or

If the bidder has not obtained ERP Training Certificate, then he shall scanned upload following undertaking along with the bid documents.

"If work is awarded to me, I/we shall obtain and submit an ERP Training Certificate, in case the agreement is executed through the ERP system of CPWD."

(Note: 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.)

- ix. Copy of PAN card.
x. Mobile No. and Email ID of Contractor.

RECEIPT OF DEPOSITION OF ORIGINAL EMD

1.	Receipt No	:**...../ date.....**.....
2.	Name of work	Construction of Hostel for officers, Dining block, Lecture Hall complex & M.T. Garage at Additional land (Phase-III) of CBI Academy, Kamla Nehru Nagar, Ghaziabad U.P. (SH: Conducting Soil Investigation and K Value Test).
3.	NIT No.	30/EE/GD-II/2026-27
4.	Estimated Cost	Rs. 4,98,914/-
5.	Amount of Earnest Money Deposit	Rs. 9,978/- in favour of Executive Engineer, Ghaziabad Central Division, CPWD, AF Station, Hindon, Ghaziabad.
6.	Last date of submission of Bid	: Up to 15:00 Hrs on 08.10.2026
7.	Name of Contractor	:**.....
8.	Form of EMD	:**.....
9.	Amount of Earnest Money Deposited	:**.....
10.	Date of submission of EMD	:**.....
11.	Signature, Name and Designation of EMD receiving officer (EE/AAO) with officer stamp	:

..**..To be filled by Executive Engineer

CPWD-6 FOR e-TENDERING

1. **Percentage Rate Bids** are invited on behalf of President of India from approved and eligible specialized agencies by E-tendering process for the work of **“Construction of Hostel for officers, Dining block, Lecture Hall complex & M.T. Garage at Additional land (Phase-III) of CBI Academy, Kamla Nehru Nagar, Ghaziabad U.P. (SH: Conducting Soil Investigation and K Value Test).**

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

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

- 1.1 The work is estimated to cost **Rs. 4,98,914/-**. This estimate, however, is given merely as a rough guide.

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

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

- 1.2.1 Criteria of eligibility for CPWD as well as non-CPWD contractors,

Tender will be issued to those contractors who have successfully completed similar works during last seven years ending previous day of last date of submission of bid.

- i. Three similar works each of value not less than **40%** of the estimated cost put to tender i.e. **Rs. 1,99,566 /-.**
Or
- ii. Two similar work each of value not less than **60%** of the estimate cost put to tender i.e. **Rs. 2,99,348/-.**
Or
- iii. One similar work of value not less than **80%** of the estimate cost put to tender i.e. **Rs. 3,99,131/-.**

Definition of Similar work:-

Similar work means **“Soil Investigation/Geo-Technical Investigation of soil.”** in Central Govt./Central autonomous Body/Central Public Undertaking/State Govt. Departments.

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

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

“I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee. (Scanned copy to be uploaded at the time of submission of bid)”

2. Agreement shall be drawn with the successful bidders on prescribed Form No. **CPWD 7** (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website **www.cpwd.gov.in**. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be **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 bid documents.
4. (i) **The site for the work is available. The contractor has to get all sample of material / item approved from the Engineer-in-Charge before execution of item.**
 (ii) The Architectural and Structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of work and progress of work thereof and no claim of damages for issue of drawings in phased manner shall be admissible.
5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website **https://etender.cpwd.gov.in or www.cpwd.gov.in** free of cost.
6. After submission of the bid, the contractor can re-submit revised bid any number of times or withdraw it before last date and time of submission of bid as notified. No post-tender modification is allowed by the tenderers except through negotiations, if required. In case, any tenderer does so, the tender will be rejected and the tenderer will be debarred for future tendering in CPWD for two years by the concerned enlisting authority (in case of CPWD enlisted contractor) and by the concerned CE/SE (in case of non-enlisted contractor).
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted, then the bid submitted earlier shall become invalid.
9. Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e- Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks (drawn in favour of **Executive Engineer, Ghaziabad Central division, CPWD, Air Force Station, Hindon. Ghaziabad**) shall be scanned and uploaded on the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee including e- Bank Guarantee of any Commercial bank having validity for a period of 90 days for single bid works and 180 days for two bid system or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

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

Copy of Enlistment Order and certificate of work experience and other documents as specified in the notice inviting e- tender shall be scanned and uploaded on the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in e-tender notice shall have to be submitted by the lowest bidder within a week physically in the office of tender opening authority. **Online bid documents submitted by intending bidders shall be opened only of those bidders, who has deposited EMD with any division of CPWD and other documents scanned and uploaded are found in order.**

The bid submitted shall be opened at **15:30 Hrs. on 08.10.2026**

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 copy of all the documents stipulated in the bid document.
 - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
 - (iv) If a tenderer quotes nil rates against each item-on-item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/sub-head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
11. The contractor whose bid is accepted will be required to furnish performance guarantee at specified percentage of the tendered amount as mentioned in schedule E and within the period specified in Schedule F. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the subcontractors, if any engaged by the contractor for the said work within the period specified in Schedule F.
12. The description of the work is as follows:

The work of “Construction of Hostel for officers, Dining block, Lecture Hall complex & M.T. Garage at Additional land (Phase-III) of CBI Academy, Kamla Nehru Nagar, Ghaziabad U.P. (SH: Conducting Soil Investigation and K Value Test).

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services

required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
16. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Housing and Urban Affairs. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
17. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
18. The bids for the work shall remain open for acceptance for a period of 30 (thirty) days from the date of opening of bids in case of single bid system and 75 (seventy-five) days from the date of opening of technical bids in case bids are invited in 2 or 3 bid system. Further
 - (i) If any tenderer withdraws his tender within 7 days after last date and time (24 hours basis) 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 after expiry of 7 days after last date and time (24 hours basis) 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) If contractor fails to furnish the prescribed performance guarantee within the prescribed period, the earnest money is absolutely forfeited to the President automatically without any notice.
 - (v) In case of forfeiture of earnest money as prescribed in para (i), (ii) & (iv) above, the bidders shall not be allowed to participate in the rebidding process of the same work.
19. This notice inviting Bid shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:
- (i) The Notice Inviting Bid, all the documents including Additional Conditions, Specifications and Drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the Rates quoted online at the time of submission of Bid and Acceptance thereof together with any correspondence leading thereto.
 - (ii) Standard **CPWD Form-7** or other Standard CPWD 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 to uploading tender can be resolved through the concerned Executive Engineer 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.

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

PERCENTAGE RATE TENDER & CONTRACT FOR WORKS

Tender for the work of “Construction of Hostel for officers, Dining block, Lecture Hall complex & M.T. Garage at Additional land (Phase-III) of CBI Academy, Kamla Nehru Nagar, Ghaziabad U.P. (SH: Conducting Soil Investigation and K Value Test).”

- (i) To be submitted / uploaded up to **15:00 Hrs. on 08.10.2026** on website: <https://etender.cpwd.gov.in>
- (ii) To be opened in the presence of bidders who may be present at **15:30 Hrs. on 08.10.2026** in the office of the **Executive Engineer(C), Ghaziabad Division - II, CPWD, CGO - I, Ghaziabad**

TENDER

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

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

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

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

A copy of Earnest Money deposit of prescribed amount deposited in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker’s Cheque or Bank Guarantee (as prescribed) issued by a commercial Bank, is scanned and uploaded (*strike out as the case may be*). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely, the said performance guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in clause 12 of the tender form.

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

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

Addition: NIL Correction: NIL
Overwriting: NIL Deletion: NIL

AE(P)

EE

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

Dated:

Signature of Contractor

Postal Address:

Witness:

Address:

Occupation:

ACCEPTANCE

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

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

- (a)
- (b)
- (c)

(For & on behalf of President of India)

Dated:

Signature.....

Designation.....

SCHEDULES A TO F**SCHEDULE 'A'**

Schedule of quantities for the Work (as per CPWD-3) : Enclosed

SCHEDULE 'E'

Reference to General Conditions of Contract: General Conditions of Contract - 2023 (Construction Works) as amended with amendments issued up to previous day of the last date of submission of the Tenders.

Name of Work: **Construction of Hostel for officers, Dining block, Lecture Hall complex & M.T. Garage at Additional land (Phase-III) of CBI Academy, Kamla Nehru Nagar, Ghaziabad U.P. (SH: Conducting Soil Investigation and K Value Test).**

Estimated cost of work: **Rs. 4,98,914/-**

(i)	Earnest Money	Rs.9,978/- (to be returned after receiving Performance Guarantee)
(ii)	Performance Guarantee	(a) 5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher). (b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.
(iii)	Security Deposit	2.5% of the accepted tendered value of the work

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

Officer inviting Tender: **Executive Engineer(C), Ghaziabad Division - II, CPWD, CGO - I, Ghaziabad**

Definitions:

2 (vi)	Engineer-in-Charge	Executive Engineer (C), Ghaziabad Division- II, CGO-I, CPWD, or successor thereof
(viii)	Accepting Authority	Executive Engineer (C), Ghaziabad Division- II, CGO-I, CPWD, or successor thereof
(x)	Percentage on cost of materials and Labour to cover all overheads and profits	15%
(x)(a)	Standard Schedule of Rates	Civil Works: Delhi Schedule of Rates 2023 (Vol. 1 & 2) with amendments issued up to Previous day of the last date of submission of the Tenders.
(xi)	Department	Central Public Works Department (CPWD)

9(ii)	Standard CPWD Contract Form:	General Conditions of Contract-2023 (Construction Works) and CPWD Form-7 (Percentage Rate Tender & Contract for Works) as amended with amendments issued up to Previous day of the last date of submission of the Tenders.
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Clause-1:

(i)	Time allowed for submission of Performance Guarantee, programme chart (Time and Progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance.	03 (Three) days
(ii)	Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above	01 (One) days

Clause-2:

(i)	Authority for fixing compensation under clause 2	Chief Engineer, Ghaziabad Zone, CPWD or successor thereof
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Clause-5:

(i)	Number of days from the date of issue of letter of acceptance for reckoning date of start	04 (Four) days
(ii)	Time allowed for completion of work	15 (Fifteen) Days

TABLE OF MILE STONES

Sl. No.	Description of mile stone	Financial Progress from date of start	Withheld amount for non-achievement of mile stone.
			

Authority to decide:

(i)	Extension of Time	Chief Engineer, Ghaziabad Zone, CPWD or successor thereof
(ii)	Rescheduling of mile stones	Chief Engineer, Ghaziabad Zone, CPWD or successor thereof
(iii)	Shifting of date of start in case of delay in handing over of site	

Schedule of issue of designs: Applicable

Part	Portion of Design	Description	Time period for handing over reckoned from date
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			of receipt of tenders
Part A	Portion already included in NIT	NA	<i>Site is available</i>
Part B1	Portions of Architectural Designs to be issued	NA	
Part B2	Portion of Civil designs to be issued	NA	
Part B2	Portion of E&M Designs to be issued	NA	

Clause-5.2

Nature of Hindrance Register:	Web bases OM no DG/MAN/394 dated 28/01/2020 shall be followed for documentation of Hindrance
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Clause-5.4

Schedule of rate of recovery for delay in submission of the modified programme in terms of delay days:	N.A.
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Clause-6

Computerized Measure Book (CMB)/ Electronic Measurement Book (EMB)	EMB
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Clause-7:

Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	N.A.
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Clause-7A:

Whether Clause 7A shall be Applicable	Yes (a) No running Account Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whether applicable are submitted by the contractor to the Engineer-in-Charge. (b) The following documents shall also be part of the bill submitted by the contractor (these documents shall be owned by the contractor) before making payment: - 1. Details of person employed with date of their employment up to previous month. 2. Documents of payment made to the employees directly into their bank accounts up to previous month. 3. Documents of attendance through biometric attendance or other mode up to previous month. 4. Documents of deposition of EPF and ESI deductions in the employee's accounts up to previous month. 5. Any penalty imposed on the agency for delay in disbursing payment and deposition of EPF and ESI deductions in the employee's accounts up to previous month. 6. Any other document(s) required as per statutory requirements and/or as directed by Engineer-in-Charge. In case, any of the documents submitted by the contractor is found false/forged at a later date, action for debarment of contractor will be taken by the CE, Ghaziabad CPWD.
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Clause-8:

Addition: NIL Correction: NIL
Overwriting: NIL Deletion: NIL

AE(P)

EE

Competent authority to inspect and issue Completion Certificate	Executive Engineer, Ghaziabad Division-II, CPWD, Ghaziabad
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Clause-8A:

Authority to decide compensation on account if contractor fails to submit completion plans.	Chief Engineer, Ghaziabad Zone, CPWD or successor thereof
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Clause-10A: List of Testing equipment's to be provided by the agency at Site Lab: As per requirement.

Clause-10 B (ii)

Whether Clause 10B(ii) shall be Applicable	Not Applicable
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Clause-10 C: Not applicable

Component of Labour Expressed as percent of value of work	N.A.
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Clause-10CC: Not Applicable**Clause-11:**

Specifications to be followed for execution of work:	
Civil work	- CPWD Specification 2019 Volume -I & II with correction slips up to the previous date of the last date of submission of bids. - CPWD Green Rating Manual 2021 with correction slips up to the previous date of the last date of submission of bids. - CPWD hand book on safety, Health and Environment with correction slips up to the previous date of the last date of submission of bids. - CPWD Manual on Accessible Built Environment 2019 with correction slips up to the previous date of the last date of submission of bids. - IS code
All above shall here in after to be collectively referred to as ' <i>CPWD Specifications' or IS code</i>	

Clause-12:

12.2 (C)	Deviation Limit beyond which clauses 12.2(C) shall apply for the work	No limit
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The completion cost should not exceed 1.50 times of tendered amount (**as per DG/CON/Construction 2023/03 dated 06/12/2023**).

Clause-15:

Competent Authority for deciding reduced rates:
Chief Engineer, Ghaziabad Zone, CPWD or successor thereof

Clause-18: Provisions added as below: (As per Annexure-D)

Clause-19:

Clause 19C : Authority to decide penalty for each default	Engineer-in-charge of respective component of Work
Clause 19D : Authority to decide penalty for each default	
Clause 19G: Authority to decide penalty for each default	
Clause 19K : Authority to decide penalty for each default	

Clause-25:

(i)	Conciliator	Additional Director General (Region Lucknow), CPWD or Successor thereof
(ii)	Arbitrator Appointing Authority	Chief Engineer, Ghaziabad Zone, CPWD or successor thereof
(iii)	Place of Arbitration	Ghaziabad

Clause 32: Requirement of Technical Representative(s) and Recovery Rates:-

Tendered Cost of work (Rs. in Crore)	Requirement of Technical Staff		Minimum experience (Years)	Designation of Technical Staff	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)
	Qualification	Number (of Major + Minor Component)			
More than 15 lac to 1.5 Crore	Graduate Engineer or Diploma Engineer	Graduate Engineer or Diploma Engineer	2 or 5 respectively	Project Manager cum planning/ quality/Site/billing Engineer	Rs.15,000/- per month per person

Clause 38: —

i)-(a)	Schedule/statement for determining theoretical quantity of cement & bitumen based on Delhi Schedule of Rates-	Delhi Schedule of Rates 2023 with Amendments up to the date of submission of bid.
ii)	Variations permissible on theoretical quantities:	
(a)	Cement: For works with estimated cost put to tender not more than Rs.25 Lakh. — For works with estimated cost put to tender more than Rs.25 Lakh. —	3% Plus/Minus 2% Plus/Minus
(b)	Bitumen for all works.	2.5% Plus only and nil on minus side.
(c)	Steel reinforcement and structural steel sections for each diameter, section and category.	2% Plus/minus-
(d)	All other materials	Nil

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

Sl. No	Name of work/project and location	Owner or sponsoring organization	Cost of work (₹ crores)	Date of commencement (contract)	Stipulated date of completion	Actual date of completion	Litigation/arbitration pending (details)*	Reference officer (Name, Address, Phone)	Back-to-back basis (Yes/No)
1	2	3	4	5	6	7	8	9	10

* Indicate gross amount claimed and amount awarded by the Arbitrator.

Signature of Bidder (s)

PERFORMANCE REPORT OF WORKS REFERRED TO IN “Annexure-II”

1. Name of work/project & location
2. Agreement no.
3. Estimated cost
4. Tendered cost
5. Date of start
6. Date of completion
 - (i) Stipulated date of completion
 - (ii) Actual date of completion
7. Amount of compensation levied for delayed completion, if any
 - (a) Whether case of levy of compensation for delay has been decided or not: Yes/No
 - (b) If decided, amount of compensation levied for delayed completion, if any
8. Amount of reduced rate items, if any
9. Performance Report
 - (1) Quality of work Outstanding / Very Good / Good / Poor
 - (2) Financial soundness Outstanding / Very Good / Good / Poor
 - (3) Technical Proficiency Outstanding / Very Good / Good / Poor
 - (4) Resourcefulness Outstanding / Very Good / Good / Poor
 - (5) General Behaviour Outstanding / Very Good / Good / Poor

Dated:

Executive Engineer or Equivalent

On non-judicial stamp paper of minimum Rs. 100

(Guarantee offered by Bank to CPWD in Connection with the Execution of contracts)

**FORM OF BANK GUARANTEE FOR EARNEST MONEY DEPOSIT/PERFORMANCE
GUARANTEE/SECURITY DEPOSIT/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 eptl) 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) (here in after called "the Contractor") for compliance of his obligations in accordance with the terms and condition 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..... (Rupees..... only). We,..... (indicate the name of the Bank), liability for payment there under and the contractor shall have no claim against us for making such payment.

1. We, (indicate the name of the Bank) furt her 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.

2. 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.
3. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
4. We, (Indicate the name of the Bank) undertake not to revoke this guarantee except with the consent of the Government in writing.
5. 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 discharge.
Date.....

Witnesses:

- a. Signature.....
and Address

Authorized Signatory Name
Name
Designation Staff code no.
Bank seal

- b. 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.

LIST OF MACHINERY, TOOLS & PLANTS TO BE DEPLOYED BY THE CONTRACTOR
as per site requirement

All necessary equipment/T&P and machinery required for drilling, sampling and testing of soil samples and soil investigation & for “K” value, The contractor shall deploy all necessary plant and machinery as per actual requirement of the work, as per direction of Engineer-in-Charge.

PARTICULAR CONDITION FOR WORK

1. The work shall be carried out as per directions of the Engineer-in-charge.
2. During the period of contract, the rates will not be revised anytime with the revision of any taxes or revision of fuel prices by the Government of UP / Government of India. The prospective bidder may quote the rates accordingly after taking into consideration of this aspect
3. The intending tenderer should visit the sites and satisfy themselves about the Site conditions, soil strata, availability of water, availability of materials, their transportation, traffic restrictions, local bye-laws & regulations, local conditions and availability of services required for execution of work. No claim whatsoever shall be entertained for lack of such information which the tenderer is expected to have.
4. The test on samples of soil/ rock/ water received during exploration shall be carried out in NABL accredited lab only.
5. The rate for all items of work shall unless clearly specified otherwise either in the schedule of items or in the CPWD specifications include cost of all labour, materials and other inputs involved in the execution of the item.
6. Rate for every work to be done under this contract shall be for all lifts, leads, heights, depths, lengths and widths except when specially mentioned otherwise either in the Schedule of Items or in the CPWD Specifications and nothing extra will be paid on this account.
7. Agency shall make their own arrangement of water and electricity.
8. Wherever any reference to any Indian Standard Specification occurs in the documents relating to this contract the same shall be inclusive of all amendments issued thereto or revisions thereof, if any, up to the date of receipt of tenders.
9. Some restrictions may be imposed by the security staff etc. on the working and for movement of labour, materials, etc. the contractor shall be bound to follow all such restriction/instructions and nothing extra shall be payable on this account.
10. The contractor shall comply with provision of any Government acts which relate to the work and to the regulations and laws of any local authorities. The contractor shall give all notices required by the said acts, laws etc., and pay all fees payable to such authorities and allow for those contingencies, cost of restorations etc. and all other fees payable to the local authorities.
11. In case of non-compliance/ non-performance of the services according to the terms of the contract, department shall be at liberty to make suitable deductions from the bill without prejudice to its right under other provisions of the Contract.
12. The Contractor shall fully indemnify department against all the payments, claims, and liabilities whatsoever incidental or directly arising out of or for compliance with or enforcement of the provisions of any of the labour or other laws to the extent they are applicable to establishment /work at sites.
13. The decision of department in regard to interpretation of the Terms & Conditions and the Agreement shall be final and binding on the Contractor.
14. Rates quoted shall be inclusive of all taxes, GST, freight charges, water charge, electricity charge, accommodation, MC charges, etc. and nothing extra will be payable on that account.
15. The work shall be executed as per CPWD General Specifications and/ or amended up to date and relevant IS and as per directions of Engineer-in-charge. However, nothing extra shall be paid on

account of these as the same are to be read along with schedule of quantities for the work.

16. Agency shall be required to conduct soil tests at bore locations finalized by Engineer-in- charge.
17. After completion of the work, the agency must cover the bore hole by suitable materials.
18. The rates are inclusive of GST and No claim shall be entertained on this account.
19. The agency will submit 05 Nos. Sets coloured copy of test result report in spiral binding having good quality of paper and print with all site photographs and test results recommendation etc. as per directions of Engineer-in-Charge.
20. **ERP Regarding Non-Enlisted Contractor.**
 - i. 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.
 - ii. Training will be valid only when non enlisted contractor is registered in LMS of ERP and certificate is issued through LMS of ERP.
 - iii. 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.
21. **Taxes**
The **quoted** rates should be inclusive of all statutory taxes. All taxes shall be paid by the service provider to the departments concerned.
22. **Care of the Building/Site**
Care shall be taken by the contractor while doing the field work to avoid damaged to the surrounding building and compound walls. He shall be responsible for repairing all damages and restoring the same to their **original** finish at his cost. He shall also remove at his cost all unwanted and waste material arising out of the surveying from site of work. Care shall also be taken to not disturb any of the civil and electrical services on site of work while the execution of the survey work.
23. **Scope of work**
Following works shall be done by the contractor and therefore, their cost shall be deemed to be included in their tendered cost whether specifically indicated in the schedule of work or not:-
 - i. Making good all damages caused to the structure during soil Investigation and restoring the same to their original finish.
 - ii. Contractor to inform department the actual date of field work, before starting the mobilization of equipment to site.
 - iii. The work shall comprise of entire labour including supervision and all materials necessary for soil testing.

Special Conditions of Workers" safety and welfare

1. All workers of contractor and associate agencies, invariably and at all the times, must follow all safety norms, adopt safe construction practices and use all required safety gadgets in their working throughout the project duration.
2. The contractor shall employ safety manager/ safety supervisor. He shall be primarily responsible for developing safety programs, training, implementation and propagating safety culture (The safety manager/supervisor shall be a graduate with safety diploma from Central Labour Institute Mumbai /NICMAR Hyderabad/ Mahatma Gandhi Labour Institute, Ahmedabad or an equivalent qualification).
3. The contractor shall issue Photo Identity Cards with unique numbers containing salient information of workers. Further the contractor shall establish a Time Office at the entry to demarcated area of site. The Time Office shall maintain a computerized record of all the workers allowed entry/ working inside the demarcated area.

Schedule of Quantity					
NAME OF WORK: Construction of Hostel for officers, Dining block, Lecture Hall complex & M.T. Garage at Additional land (Phase-III) of CBI Academy, Kamla Nehru Nagar, Ghaziabad U.P. (SH: Conducting Soil Investigation and K Value Test).					
S No	Description of items	Qty	Unit	Rate	Amount
1	Drilling of exploratory bore holes of 150mm diameter by machine boring through all types of soils except rock up to 60 mtr. depth (or as per site requirement) below GL including collecting undisturbed (UDS), disturbed samples and Standard Penetration Test (SPT) @ every 1.5m depth interval, and their complete laboratory testing as per Indian Standards for classification of soil and determination of various index and engg. properties of soil to base the allowable bearing capacity on shear strength as well as on settlement considerations preparation and submission of soil test report including field bore logs chart, preserving & transporting the samples to laboratory for further testing as per IS-1892-1979. The strata shall be treated as refusal when N>100 for 30cms of penetration. Test on undisturbed samples Sieve analysis as per IS 2720 Part4 Atterberg limit (Liquid, Plastic limits) as per IS 2720, Part 5 & 6. Specific Gravity as per IS 2720 Part 3 Moisture Content bulk & dry density as per IS 2720, Part 2 Unconfined Compression test as per IS 2720, part 10 Box shear test (in case of sand) as per IS 2720, Part 13 or 39/sec 1 Triaxial shear test (UU) Consolidation test as per 2720, Part 15.				
1.1	Bores of required depth upto 60 meter each from Existing Ground Level (EGL)	167	meter	1,800.00	3,00,600.00
2	Mobilization of all necessary required manpower / machinery / T&P such as boring & drilling rig plant etc. at site of work required for geotechnical investigation including demobilization all complete.	01	Per job	20,000.00	20,000.00
3	Conducting load testing on soil in accordance with IS: 1888-1982 and as per IS: 9214-1979 including installation of loading platform and preparation of head for testing. Dismantling the same after completion of test as per direction Engineer in charge. Analysis K (Modulus of subgrade reaction) value by test of 45.0 cm dia circular plate. Performing K value test at 3.50 m depth or at actual footing depth.	02	Each	89,156.75	1,78,314.00
				Total	4,98,914.00