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Certified that this NIT contains pages **1 to 31** (excluding covers).

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PART-A

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

(Applicable for inviting open bids)

The Assistant Engineer, C.P.W.D., Gorakhpur Sub Division-1 on behalf of President of India invites **Item rate bids from eligible and experienced Structural Design Consultants** for providing structural consultancy services for preparation of structural design, analysis and vetting of drawings by Govt. Institute for following works following work:-

S. No.	NIT No.	Name of work and location	Estimated cost put to Tender	Earnest Money	Period of Completion	Last date & time of submission of bid, EMD, e-tender processing fee and other Document as specified in the bid document	Time & date opening tender
1	2	3	4	5	6	7	8
1	23/EE-GKP/2026-27 (Recall-3)	Construction of Office cum Residential Building i/c E&M works for SIB Unit at Maharajganj (U.P) (SH: Structural Design works).	-	Rs. 2,000.00	45 Days	Upto 03:00 PM on 03.11.2026	At 03:30 PM on 03.11.2026

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. He should not have been debarred by the department on the last date for submission of bid.
2. Information and Instructions for bidders posted on website shall form part of bid document.
3. 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

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downloaded from website www.cpwd.gov.in or <https://etender.cpwd.gov.in> free of cost.

4. The bid can only be submitted after depositing 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 Demand Draft or Pay order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Scheduled 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 consultants not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
6. The intending bidder must have valid class-III digital signature to submit the bid.
7. On opening date, the consultant can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets.
8. Consultant can upload documents in the form of JPG format and PDF format.
9. Consultant must ensure to quote rate of the item. 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).
10. 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 Item rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

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

- i) Work experience certificates in support of the eligibility criteria mentioned in “General requirements for the Tender” duly signed and issued by the competent authority not below the rank of Executive Engineer or equivalent.
- ii) Self-certificate confirming that they have not been blacklisted or debarred in last 7 Years by any Central Government Department/ Central Autonomous Body/ Central PSU.
- iii) Copy of post-graduation certificate of Lead Structural Engineer of year 2016 or earlier in support of the eligibility criteria mentioned in “General requirements for the Tender”
- iv) Copy of Earnest Money Deposit
- v) Receipt of Deposition of Original EMD
- vi) GST Registration Certificate if already obtained by the bidder.
If the bidder has not obtained GST registration as applicable, then he/ shall scan and upload following undertaking along with bid documents.

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

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RECEIPT OF DEPOSITION OF ORIGINAL EMD

(Receipt No. / date)

Name of Work: **Construction of Office cum Residential Building i/c E&M works for SIB Unit at Maharajganj (U.P) (SH: Structural Design works).**

NIT No.: **23/EE-GKP/2026-27 (Recall-3)**

1. Estimated Cost : -
2. Amount of Earnest Money Deposit : **Rs. 2,000/-**

(In favour of Executive Engineer, Lucknow Central Division-1, CPWD, Lucknow)

3. Last date of submission of Bid : **03.11.2026 at 03:00 PM**

1. Name of Consultant/Firm: #
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 Officer stamp

- * To be filled by AE/EE inviting tender.
To be filled by EMD receiving EE/AE(P)/AE/AAO.

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CPWD-6 FOR e-Tendering

1. Item rate bids are invited on behalf of President of India from eligible design consultants for ***“Construction of Office cum Residential Building i/c E&M works for SIB Unit at Maharajganj (U.P) (SH: Structural Design works).***
2. Agreement shall be drawn with the successful bidders on prescribed Form No. **CPWD 7/8** (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website ***www.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 **45 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. Architectural Drawing and soil investigation report will be provided to the consultant after award of work.
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 **www.etender.cpwd.gov.in**
6. After submission of the bid the Consultant 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, consultant 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. Earnest Money in the form of **Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque** (drawn in favour of **Executive Engineer, Lucknow Central Division-1, CPWD, Lucknow** shall be scanned and uploaded to 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 the tender inviting EE in the NIT.

This receipt shall also be uploaded to the e-tendering website by the intending bidder up to the specified bid submission date and time.

A part of earnest money (EM) is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lacs, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled bank having validity for six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

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Copy of Empanelment Order and certificate of work experience and other documents as specified in the bid document shall be scanned and uploaded to the e-Tendering website within the period of bid submission. Further, certified copy of all the scanned and uploaded documents as specified in bid document shall have to be submitted by the lowest bidder only 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 03.11.2026**

9. *The bid submitted shall become invalid if:*

- a. The bidder is found ineligible.
- b. The bidder does not upload all the documents (including GST registration) as stipulated in the bid document.
- c. 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 bidder in the office of bid opening authority.
- d. 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 Item rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

10. The **consultant** 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.

11. Description of the work is as follows:

"Construction of Office cum Residential Building i/c E&M works for SIB Unit at Maharajganj (U.P) (SH: Structural Design works)

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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.

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 Consultants who resort to canvassing will be liable for rejection.
14. The competent authority on behalf of the 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 Consultant shall not be permitted to bid for works in the CPWD Circle (Division in case of Consultants 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 Urban Development. Any breach of this condition by the Consultant would render him liable to be removed from the approved list of Consultants 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 consultant 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 Consultant or any of his employees is found any time to be such a person who had not obtained the

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permission of the Government of India as aforesaid before submission of the bid or engagement in the Consultant's service.

17. 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. Further

- I. If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
- II. If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
- III. In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.

18. This notice inviting Bid shall form a part of the contract document. The successful bidders/Consultant, 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 C.P.W.D. **Form 8 or other Standard C.P.W.D. Form** as applicable.

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**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

ITEM RATE TENDER & CONTRACT FOR WORKS

(A) Tender for **Construction of Office cum Residential Building i/c E&M works for SIB Unit at Maharajganj (U.P) (SH: Structural Design works)**
work of

- (i) To be uploaded by **03:00 PM** hours on **03.11.2026** at www.etender.cpwd.gov.in
- (ii) To be opened in presence of tenderers who may be present at **03:30 PM** hours on **03.11.2026** in the office of **Assistant Engineer, GSD-1, CPWD, Gorakhpur**

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 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for **thirty (30) days** from the due date of its opening 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 receipt 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

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determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

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

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

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

Dated

Signature of Consultant

Witness:

Postal Address

Address:

Occupation:

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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 `(Rupees.....).

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

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

For & on behalf of the President of India

Signature

Dated:

Designation

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PROFORMA OF SCHEDULES

(Separate Performa for Civil, Elect. & Hort. Works in case of Composite Tenders)

SCHEDULE 'A'

Schedule of quantities (Page No. 30-31)

SCHEDULE 'B'

Schedule of materials to be issued to the consultant.

S. No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the Consultant	Place of issue
1	2	3	4	5
-----NIL-----				

SCHEDULE 'C'

Tools and plants to be hired to the consultant

S. No.	Description	Hire charges per day	Place of Issue
1	2	3	4
-----NIL-----			

SCHEDULE 'D'

Extra schedule for specific requirements/document **As attached in tender form** for the work, if any.

SCHEDULE 'E'

Reference to General Conditions of contract – **GCC 2023 for Construction Work** as amended/modified **up to day previous to last date of submission of bid.**

Name of Work:	Construction of Office cum Residential Building i/c E&M works for SIB Unit at Maharajganj (U.P) (SH: Structural Design works)
Estimated cost of the work:	-
Earnest money	Rs. 2,000/- (To be returned after receiving performance guarantee)
Performance Guarantee	5% of the Tender Value.
Additional Performance Guarantee	As per modified provision vide OM no. DG/Manual-2024/ 20 Dated 27.02.2026
Security Deposit	2.5% of the tendered value of the work

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SCHEDULE 'F'**GENERAL RULES & DIRECTIONS:**

Officer inviting tender

**Assistant Engineer, C.P.W.D.,
Gorakhpur Sub Division-1**

Definitions:

2(vi)	Engineer-in-Charge	Assistant Engineer, C.P.W.D., Gorakhpur Sub Division-1-
2(viii)	Accepting Authority	Assistant Engineer, C.P.W.D., Gorakhpur Sub Division-1
2(x)	Percentage on cost of materials and labour to cover all overheads and profits	--
2(x)	Standard Schedule of Rates:	Based on Market Rate
2(xi)	Department	Central Public Works Department
9(ii)	Standard CPWD contract Form:	GCC 2023 for Construction Work, CPWD Form 8 as modified & corrected upto day previous to last date of submission of bid. (Whether correction vide latest circulars are incorporated or not in this document).
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 ii) Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above..... (1 to 15 day to be filled by NIT approving authority)	<p>07 Days</p> <p>03 Days</p>
Clause 2	Authority for fixing Compensation under Clause 2	Chief Engineer, Lucknow, CPWD, Lucknow Or successor thereof
Clause 2 A	Applicable Clause 2A	No

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Clause 5

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

10 Days**Schedule of Mile Stone**

S. No	Description of mile stone	Time allowed from date of start (in days/months.)	Amount to be with-held in case of non-achievement of milestone.
	Complete Work.	45 Days	5% of accepted tendered amount.

Time allowed for execution of work

45 Days**Authority to decide**

(i) Authority to convey the decision of shifting of milestone and extension of time

Engineer-in-charge

(ii) Authority to decide Rescheduling of mile stone and extension of time

Chief Engineer, Lucknow, CPWD, Lucknow or his successor thereof

(iii) Shifting of date of start in case of delay in handing over of site

Chief Engineer, Lucknow, CPWD, Lucknow or his successor thereof**PROFORMA OF SCHEDULES Clause 5 Schedule of handing over of site**

Part	Portion of site	Description	Time Period for handing over reckoned from date of issue of Letter of intent.
Part A	Portion without any hindrance	-	Along with letter of commencement
Part B	Portions with encumbrances	-	-
Part C	Portions dependent on work of other agencies	-	-

Clause 6**Mode of measurement****eMB/CMB****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

As per terms of payment in this document**Clause 7A****Whether Clause 7A shall be applicable****No**

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Clause 10A	List of testing equipment to be provided by the Consultant at site lab.	N.A.
Clause 10 B (ii)	Whether clause 10-B (ii) shall be applicable.	No
Clause 10 C	Component of labour expressed as percentage of value of work	No
Clause 10 CC		Not Applicable
Clause 11	Specification to be followed for execution of work: CPWD Specifications 2019 Vol. 1 and Vol. 2 with correction slips up to last date of submission of bids (Hereinafter called CPWD specifications also)	
Type of work	Construction Work	
12.2 (C)	Deviation limit beyond which clause 12.2 & 12.3 shall apply for building work.	100%
	i) Deviation limit beyond which clause 12.2 & 12.3 shall apply for foundation work (except items mentioned in earth work subhead in DSR and related items)	100%
	ii) Deviation limit for items mentioned in earth work subhead of DSR and related items	100%
Clause 16	Competent Authority for Deciding reduced rates:	Chief Engineer, Lucknow, CPWD, Lucknow or successor thereof.
Clause 18	List of mandatory machinery, tools & plants to be deployed by the Consultant at site.	NIL
Clause 19C	Authority to decide penalty for each default.	Engineer-in-charge.
Clause 19D	Authority to decide penalty for each default.	Engineer-in-charge.
Clause 19G	Authority to decide penalty for each default.	Engineer-in-charge.
Clause 19K	Authority to decide penalty for each default.	Engineer-in-charge.
Clause 25		
(i)	Conciliator	ADG (Lucknow), CPWD or successor thereof
(ii)	Arbitrator Appointing Authority	Chief Engineer, Lucknow, CPWD, Lucknow or successor thereof
(iii)	Place (Seat) of Arbitration	Lucknow (U.P.)

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Clause 32 Requirement of Technical Representative(s) and Recovery Rate

Sl. No. 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 Consultant in the event of not fulfilling provision of Clause 36(i)	
	Qualification	Number (of Major + Minor Component)			Figures	Words
More than 15 lacs to 1.5 crore	Graduate Engineer Or Diploma Engineer	1 of major component	2 Or 5 respectively	Project Manager cum Planning/ Quality/Site/ billing Engineer	Rs. 12,000/- per month	Rs. Fifteen Thousand per month

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 the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

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GENERAL REQUIREMENTS FOR THE TENDER

Name of Work: Construction of Office cum Residential Building i/c E&M works for SIB Unit at Maharajganj (U.P) (SH: Structural Design works)

- 1 The tenderer is advised to read and examine the tender documents for the work and the set of drawings available with Engineer-in-charge. He should inspect and examine the site and its surroundings by himself before submitting his tender.
- 2 Time allowed for the execution of work is **45 Days**
- 3 The consultant(s) shall submit a detailed program of execution in accordance with the master programme/milestone within ten days from the date of issue of award letter.

Brief particulars of work:-

The party/individual (Consultant) shall be required to do Preparation and submission of Structural Design & Drawings of **Construction of Office cum Residential Building i/c E&M works for SIB Unit at Maharajganj (U.P) (SH: Structural Design works)** Having following salient features on the latest Computer Software such as latest STAAD Pro, E-tabs etc. according to latest Indian Standards/Codes including provisions for earthquake resistant design. The results shall be tabulated and Structural Drawings prepared in standard format. All the architectural drawings for the work are available with the Engineer-in-charge, Gorakhpur and can be seen by the intending consultants within office hours on any working day.

Salient features of the Work

- | | | | |
|-----|-----------------------------|---|--|
| (a) | Nature of structure | : | RCC framed structure with Concrete M-25 & Min. Fe 500D steel |
| (b) | No. of stories | : | S+3 |
| (c) | Total Plinth area (approx.) | : | 1006.28 sqm |
| (d) | Type of roofing | : | RCC |

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Eligibility criteria:-

To become eligible, the bidder shall have to fulfill the following requirements:

- i) Should have satisfactorily completed Structural design works with Central Public Works Department (CPWD), during **last 7 years ending March 2026**

Three works of similar nature having total plinth area equal to 400 sqm or more.

OR

Two works of similar nature having total plinth are equal to 600 sqm or more.

OR

One work of similar nature having total plinth are equal to 800 sqm or more.

Similar work shall mean **“Consultancy services for structural analysis and design along with its structural drawings of RCC framed structure”**.

- ii) Should not have been blacklisted or debarred in last **7 Years by any Central Government Department/ Central Autonomous Body/ Central PSU**.
- iii) In case of Firm, should have Lead Structural Engineer with Post Graduation (M.Tech/ ME) in Structural Engineering from IIT/ NIT/ Govt. Engineering Colleges with 5 years of experience and in case of individual bidder, he should also have same qualification as that of Lead Structural Engineer.
- iv) GST Registration certificate along with copies of acknowledgement of up-to-date filing of returns.

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PART - B

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GENERAL TERMS AND CONDITION

1. The structural design & drawings shall be based on the Architectural drawings supplied by Assistant Engineer, CPWD, Gorakhpur Sub Division-1.
2. The structural analysis and design shall be done in commensurate with Latest Edition of IS: 875, IS: 456, IS: 1893, IS: 4326, IS: 13920, IS 2911 (Part-1/Sec.2), and IS: 2911 (Part-4) with all amendments and all pertinent current Indian Standard Codes, national Building Code 2016etc.
3. Structural design shall be done on 3D grid/ frame concept and by structural design software viz. STAAD Pro/ E-tabs. Concrete mix to be considered in RCC design shall be of minimum M-25 grade and reinforcement steel shall be Fe 500D TMT Bars.
4. The building structure shall be provided with suitable foundation i.e. rafts or pile combination thereof as per recommendation of Soil Investigation Report and bearing capacity supplied by Engineer-in-charge.
5. The bidder must have good operational infrastructure with In-House computers and appropriate Engineering Software of structural design, capable of performing linear and non-linear analysis and design and also to prepare drawings as per direction of Engineer-in-charge.
6. The superstructure drawings may undergo minor changes from Architectural point of view, subsequently which have to be carried out in the form of revisions in structural drawing at no extra cost.
7. All structural drawings shall be in accordance to the governing design aids SP-16 and SP-34.
8. The work shall be done in consultation with the Engineer-in-charge. The lead structural designer or his qualified representative shall make themselves available for meetings/ discussions with Chief Engineer, CPWD, Lucknow as and when required on the matter of design and drawing. Nothing extra shall be paid to the consultant on this account.
9. The consultant shall submit all the final structural drawings and design calculations after getting them proof checked by the required institute. The structural analysis and

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drawings shall have to be got proof checked from any of the IIT, NIT or any other Government Engineering College. The approval of institute for proof checking work shall be done by Engineer-in-Charge.

Price quoted by consultant for this work should be inclusive of charges for proof checking by the concerned institute and payment to concerned institute will be made by consultant. Nothing extra shall be paid on this account by the Department.

10. Drawings duly proof checked should be signed with name, qualification, designation of the proof checker and seal of the institute (as mentioned at (9) above) as well as the name & qualification of designer and checker.
11. The structural design/drawings duly proof checked may be scrutinized by the Department, the consultant shall carry out all modification/alterations in design/drawings as/if required. The modified/corrected structural drawings shall then be submitted after duly vetted from the institute approved as mentioned in (9) within 7 days to the Department.
12. The consultant shall supply with all the data sheets, calculations, assumptions etc. along with 08 prints of detailed drawings in A1 sheet duly signed and vetted by consultant itself.
13. The Consultant shall supply final design calculations, models along with eight prints (in at least A1 size) of **“Good for construction”** drawings duly vetted by approved institute. The analysis/design/drawings shall be submitted in a CD also in Pdf and autocad.dwg format.
14. The failure to submit all the design, models analysis and drawings in CD will attract recovery of Rs 15000/- from the bill to be paid to consultant and the Department shall be at liberty to obtain/recreate such documents through any other agency at the risk and cost of the Consultant.
15. Structural safety and stability certificate as per local municipal body has to be signed on each and every Drawing Sheet by Lead Structural designer in case of firm, by the individual himself in case of individual as bidder and by approved institute for vetting.

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16. Notwithstanding the approval of competent authority to the drawings, the individual/firm shall be responsible for the correctness and safety of design and detailing.
17. If any redesign/ modification in drawings, if necessitated during currency of the work due to any reason whatsoever, the same shall be carried out. However, no extra payment will be made on this account.
18. The bidder can study Architectural drawings and other relevant project documents between 11.00 AM to 4.00 PM on any working day available with AE, CPWD, Gorakhpur Sub Division-1 before quoting his rate.
19. The time for completion will be reckoned from the date of receipt of Architectural drawings from the Assistant Engineer, CPWD, Gorakhpur Sub Division-1 office or date of issue of letter of intent by Assistant Engineer, CPWD, Gorakhpur Sub Division-1 whichever is later.
20. **Terms of payment:**
 - i) The bidder shall quote his charges for the structural design and preparation and supply of drawings including cost of all prints, all other incidental charges like visit to various offices etc. and shall be inclusive of all taxes including GST as applicable.
 - ii) 80% of the total quoted amount shall be released after submission of all the drawings to Engineer-in-charge after getting duly signed by the competent authority. Balance payment will be made after completion of structure.
 - iii) Statutory deductions shall be made from the bill as per rules.
 - iv) No cost adjustment will be made for a variation of + 5% in the plinth area of building/buildings as indicated above. If variations in plinth area exceeds beyond this limit, payment will be made on proportionate basis.
21. The competent authority on behalf of President of India does not bind itself to accept the successful lowest bid and reserves to itself the authority to reject any or all of 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 bidder, shall be summarily rejected.

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22. **Documents prepared by the Consultant to be the property of the CPWD**

All plans, drawings, specifications, designs, reports and other documents prepared by the Consultant in performing the services shall become and remain the property of the CPWD, and the Consultant shall, not later than upon termination or expiration of this contract, deliver all such documents to the Engineer-in-Charge, together with a detailed inventory thereof. The consultant may retain a copy of such documents. The Consultant shall not use these documents for purposes unrelated to this contract without the prior written approval of the Engineer-in-Charge.

23. The contract may be terminated due to non-performance of the consultant with due diligence and in accordance with the terms and conditions of the agreement. If the submissions of Designs are delayed by the consultant, the work can be terminated by the Engineer-in-Charge with prior notice of seven days and no claim for payment shall be entertained. In such case, if any payment is still due to the consultant shall not be released. No claim whatsoever will be entertained for the same.

24. **Time Schedule:-**

The time schedule for completion of work and various stages of work is as stated below:

Stage	Description of work	Time Allowed
1	Structural analysis and preparation of Load Moment Chart for the entire structure. Submission of floor wise layout drawings showing preliminary sizes of beam and column along with slab/waist slab thickness.	15 days from the date of start.
2	Design of foundation and Building: Modeling and analysis of structure & Drawing of foundation system, Column, Beam, Slab etc. with required sections & providing vetted drawings of same, provided Institute approved by Engineer in charge.	45 days from the date of start.

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25. **Penalty for delays:**

In case of delay in execution of the work as per stages mentioned in condition No 24 above, penalty @ 0.5% of total charges payable shall be levied for each day of delay in each stage, which may be up to 10% of the charges payable to the consultant, by the Assistant Engineer, CPWD, Gorakhpur Sub Division-1 whose decision shall be final & binding on the consultant. This is beyond the purview of arbitration.

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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 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 Consultant)(hereinafter called "the Consultant") 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 numberwith(name and address of the Consultant)..... (hereinafter called "the Consultant") 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 Consultant 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 Consultant. 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 Consultant 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

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liability for payment there under and the Consultant 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 Consultant 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 Consultant 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 Consultant or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Consultant 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 Consultant and notwithstanding any security or other guarantee the Government may have in relation to the Consultant's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Consultant.
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 tounless extended on demand by the Government. Notwithstanding any 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 | |

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*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.

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SCHEDULE OF QUANTITY

Name of work: Construction of Office cum Residential Building i/c E&M works for SIB Unit at Maharajganj (U.P) (SH: Structural Design works)

SL.No	Description	Qty	Unit	Rate	Amount
1	Providing comprehensive consultancy services for structural design of Admin Building (S+3), compound wall (boundary wall/Retaining wall) (~120 m), sentry post, guard room and all ancillary structures such as Overhead Water Tank, Underground Sump, Septic Tank, Rain Water Harvesting system, CC roads, drainage etc., including the following scope of work:				
	a) Design Basis & Approval: Preparation and submission of design basis report including basic design data, loads, assumptions and relevant codal provisions for approval of the Engineer-in-charge prior to commencement of design work.				
	b) Structural Analysis & Design: Carrying out detailed structural analysis using standard software (STAAD/ETABS) including preparation of load, moment, shear force charts and design calculations for all structural components such as foundations, walls, columns, beams, slabs, staircase, mummy, machine room, overhead and underground tanks, tubewell structures etc., complete.				
	c) Preparation of Drawings (Structural & Allied Services): Preparation and submission of detailed drawings including: i) Structural layout ii) Foundation and plinth beam details iii) Column details iv) Floor-wise slab and beam details including terrace v) Staircase and mummy details vi) RCC bands and mullions for AAC brickwork vii) Drawings for water supply, sewerage, drainage, storm water, rain water harvesting system, underground sump, overhead tank, compound wall, road drains etc.				
	d) Proof Checking & Incorporation: Getting the structural design and drawings proof checked from any of the IITs, NITs, Govt. Engineering College, Central Building Research Institute (CBRI) and other central/state Govt. Institutes approved by the Engineer-in-Charge and submission of proof check reports along with comments/recommendations and incorporation of all observations/instructions issued by proof consultant and Engineer-in-Charge, complete.				
	e) Deliverables: Submission of all drawings in original, duly signed, in 8 (eight) sets (A1 size) along with soft copies (AutoCAD format) and complete structural analysis models				

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	(STAAD/ETABS) in soft and hard copies (including required digital media), complete..				
	f) Construction Stage Support: Providing necessary clarifications, revisions (including minor architectural/Structural changes) and technical support during execution without any extra cost.				
	g) General Conditions: i) Design and detailing shall conform to latest relevant IS Codes. ii) The design shall be based on Soil Investigation Report and Architectural Drawings provided by the Department. Architectural drawings may be seen in the office during working hours or obtained through written request via email. Soil Investigation Report shall be provided after award of work. iii) No extra payment shall be made for any variation in the length of boundary wall or in quantities of ancillary services, including but not limited to Overhead Water Tank, Underground Sump, Septic Tank, Rain Water Harvesting system, CC roads, drainage works etc. iv) Quoted rate shall be inclusive of proof checking charges, GST, Water charges & Labour Cess etc.; nothing extra shall be payable. v) 75% of the payment shall be released after approval of structural drawings. Balance 25% shall be released after successful completion of work and submission of final documents including stability certificate. vi) All drawings/documents shall be treated as confidential.	1006.28	sqm	-	-
				Total	-

Terms & Condition

- 1 The rate quoted above shall be inclusive of all taxes / levies including the service tax etc. nothing extra shall be payable.
- 2 All the Architectural drawings for the work are available with the Assistant Engineer and can be seen by the intending Consultants within office hours on any working day.
- 3 Plinth area of the building / buildings to be designed shall be worked out as per the CPWD norms/guidelines.
- 4 No cost adjustment will be made for a variation of $\pm 5\%$ in the plinth area of building/buildings as indicated above. If variations in plinth area exceeds beyond this limit, payment will be made on proportionate basis.
- 5 Nothing extra shall be payable due to revision in structural design/structural drawings, which some-times may be necessitated as per site conditions or other unforeseen reasons.
- 6 All payments shall be made as per payment schedule described under “**Mode of Payment**”.

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- 7 Any conditional offer is likely to be rejected.
- 8 Structural design & drawings have to be proof checked by IIT, NIT or any other Government Engineering College and no extra payment shall be made on this account.
- 9 The design loads, parameters and assumptions proposed to be adopted in the design shall be got approved from the Engineer-in-Charge before commencement of the design work. The consultant shall submit the basis design data, calculations and relevant supporting documents for scrutiny. The design and drawings shall be subject to review by the competent authority, and the consultant shall incorporate all comments, instructions, corrections and modifications, if any, conveyed by the Engineer-in-Charge without any additional cost to the department.
- 10 Design and detailing shall conform to latest relevant IS Codes.
- 11 The design shall be based on Soil Investigation Report and Architectural Drawings provided by the Department. Architectural drawings may be seen in the office during working hours or obtained through written request via email. Soil Investigation Report shall be provided after award of work.
- 12 No extra payment shall be made for any variation in the length of boundary wall or in quantities of ancillary services, including but not limited to STP, Overhead Water Tank, Underground Sump, Septic Tank, Rain Water Harvesting system, CC roads, drainage works etc.
- 13 Quoted rate shall be inclusive of proof checking charges; nothing extra shall be payable.
- 14 80% of the payment shall be released after approval of structural drawings. Balance 20% shall be released after successful completion of work and submission of final documents including stability certificate.
- 15 All drawings/documents shall be treated as confidential.

**Assistant Engineer
CPWD, Gorakhpur**

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