

अखिल भारतीय आयुर्विज्ञान संस्थान भोपाल

Ministry of Health Family & Welfare

Office of the Superintending Engineer, Project Cell, MoHFW, Block No. 10, Hospital Building, AIIMS, Saket Nagar, Bhopal.

e-mail: ee.electrical@aiimsbhopal.edu.in, Phone : 0755-2900697



NOTICE INVITING TENDER

Vide TS No.	:	51/TS/EE(E)/ABEU/AIIMS/2018-19
Notice Inviting Tender No.	:	24/NIT/ABEU/AIIMS/BPL/2019-20
Name of Work	:	Construction of New Building for Biomedical Waste at AIIMS Bhopal.
Estimated Cost	:	₹ 67,12,092/- [Civil work- ₹ 65,21,904/- + Elect. Work ₹ 1,90,188/-]
Earnest Money	:	₹ 1,34,242 (2% of Estimated Cost)
Performance Guarantee	:	5% of Tender Value
Security Deposit	:	2.5% of Tender Value
Time Allowed	:	06 (Six) Months.

Certified that this N.I.T. contains 01 to 64 Pages (One to Sixty Four) excluding front cover page.

*This N.I.T. is approved for **₹67,12,092/-**
(Rupees Sixty Seven Lakh Twelve Thousand Ninety Two Only)*

Assistant Engineer (P)
ABEU, AIIMS Bhopal

Executive Engineer,
ABEU, AIIMS Bhopal

Superintending Engineer,
Project Cell, MoHFW
AIIMS BHOPAL

INDEXName of Work:- **Construction of New Building for Bio-Medical Waste at AIIMS Bhopal.**

Serial No.	Contents	Page No.	Remarks
1	Index	1 to 2	
2.	Press Tender Notice	3 to 4	
3.	Information and instructions for Contractors	5 to 6	
4.	Notice inviting tender (CPWD – 6/7)	7 to 12	
5.	Integrity Pact	13 to 19	
6.	Tender and contract	20 to 22	
<u>PART-A (CIVIL WORKS)</u>			
7	Schedule “A” to “F”	23 to 27	
<u>PART-B (ELECTRICAL WORKS)</u>			
8	Schedule “A” to “F”	28 to 32	
9.	Form of Earnest Money Deposit (B.G. Bond)	33 to 34	
10.	Form of Performance Guarantee Deposit (B.G. Bond)	35 to 36	
11.	Schedule of Works		
	Part A – Civil works	37 to 44	
	Part B – Electrical Works	45 to 46	
12.	Percentage Bid Sheet form for Composite bids	47 to 48	
12.	Special Conditions for Composite tenders	49 to 64	

Certified that this bid document contains pages 1 to 64 (One to Sixty Four) excluding front and back cover page

*This N.I.T. is approved for ₹ 67,12,092/-
(Rupees Sixty Seven Lakh Twelve Thousand Ninety Two Only)*

Assistant Engineer (P)
ABEU, AIIMS Bhopal

Executive Engineer,
ABEU, AIIMS Bhopal

Superintending Engineer,
Project Cell, MoHFW
AIIMS BHOPAL

BLANK

**ABEU AIIMS BHOPAL
NOTICE INVITING e-TENDER**

PRESS NOTICE FOR NOTICE BOARD

The Executive Engineer (E), Project Cell, MoHFW, Block No. 10, Hospital Building, AIIMS, Saket Nagar, Bhopal (Phone 0755-2831045, 2900697 email : ee.electrical@aiimsbhopal.edu.in.) on behalf of The Director, AIIMS Bhopal invites **Percentage Rate Bids** from “**approved & eligible bidders registered with CPWD in Composite category**” in Single Bid System for the following work:

NIT No. 24/NIT/ABEU/AIIMS/BPL/2019-20,

Name of work: - Construction of New Building for Bio-Medical Waste at AIIMS Bhopal.

Composite Estimated Cost: ₹ 67,12,092/- (Civil- ₹ 65,21,904/- + Electrical – ₹ 1,90,188/-), EMD: - ₹ 1,34,242/-

Period of completion: - **06 Months**, Last time and date of submission of bid: **Up to 03.00 PM on 15/10/2019.**

The Bid forms and other details can be obtained from the website www.tenderwizard.com/AIIMSBHOPAL and www.aiimsbhopal.edu.in or www.eprocure.gov.in

BLANK

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING FORMING PART OF BID DOCUMENT AND TO BE POSTED ON WEBSITE (APPLICABLE FOR INVITING BIDS ON SINGLE BID SYSTEM)

The Executive Engineer (E), Project Cell, MoHFW, Block No. 10, Hospital Building, AIIMS, Saket Nagar, Bhopal (Phone 0755-2831045, 2900697 email : ee.electrical@aiimsbhopal.edu.in,) on behalf of The Director, AIIMS Bhopal invites Percentage Rate Bids from “approved & eligible bidders registered with CPWD in Composite category” in Single Bid System for the following work:

Sr. No.	NIT No.	Name of work & Location	Estimated Cost put to bid	Earnest Money	Period of Completion	Last date & time of submission of bid, original EMD, and other documents as specified in the NIT	Time & Date of opening of Price BID
1	2	3	4	5	6	7	8
1	24/NIT/ABEU/AIIMS/BPL/2019-20	Construction of New Building for Bio-Medical Waste at AIIMS Bhopal.	₹ 67,12,092/- (Civil- ₹ 65,21,904/- + Electrical – ₹ 1,90,188/-)	₹ 1,34,242/-	06 Months	Up to 3:00 PM on 15/10/2019	Up to 3:30 PM on 15/10/2019

1. The intending bidder must read the terms and conditions of **CPWD-7** 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 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 downloaded from **website www.tenderwizard.com/AIIMSBHOPAL or www.aiimsbhopal.edu.in** free of cost.

But the bid can only be submitted after **deposition of original EMD in the office of Executive Engineer (E) AIIMS Bhopal 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 **Director AIIMS Bhopal, as mentioned in NIT** and other documents as specified.

4. Those contractors 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.
5. The intending bidder must have valid class-III digital signature to submit the bid.
6. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
7. Contractor can upload documents in the form of **JPG** format and **PDF** format.

8. Contractor must ensure to quote percentage rate on total value of work with selection of ABOVE/ BELOW/ AT PAR. The column meant for quoting percentage rate in figures appears in “Yellow Color”. In addition to this, while selecting Above/ Below / AT PAR, if the cell is left with AT PAR selection, the same shall be treated as “0” (ZERO) Percent.

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 / subhead in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

9. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.

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

- I. Contractor Enlistment order of CPWD in composite category as specified in the NIT.
- II. Treasury Challan/Demand Draft/Pay order or banker’s Cheque/Deposit at call receipt/Bank guarantee of any scheduled Bank against EMD.
- III. ~~Certificates of work experience.~~
- IV. ~~Certificate of Financial Turnover from CA.~~
- V. Certificate of registration for GST and acknowledgement of up to date filed returns (if applicable).
- VI. **Copy of PAN Card issued by Income Tax Department.**
- VII. **Postal Address, Mobile No. and e-mail ID of bidder.**
- VIII. Any other Document as specified in the Press Notice.
- IX. **Undertaking for site inspection [Intending bidders must upload undertaking that they have inspected and examined the site and it’s surrounding before submitting their bids. (As per CPWD 7 Sr. No. 12 Page No. 09)]**

Executive Engineer (E)

Notice Inviting Tender

1. The Executive Engineer (E), Project Cell, MoHFW, Block No. 10, Hospital Building, AIIMS, Saket Nagar, Bhopal (Phone 0755-2831045, 2900697 email : ee.electrical@aiimsbhopal.edu.in,) on behalf of The Director, AIIMS Bhopal invites Percentage Rate Bids from “approved & eligible bidders registered with CPWD in Composite category” in Single Bid System for the following work of **“Construction of New Building for Bio-Medical Waste at AIIMS Bhopal.”** The enlistment of the contractors should be valid on the last date of submission of bids. In case the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.

The work is estimated to **Composite Cost of : Rs 67,12,092/- (Civil- Rs. 65,21,904/- + Electrical – Rs. 1,90,188/-)**, This estimate, however, is given merely as a rough guide.

- 1.1 The authority competent to approve NIT for 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.
- 1.2 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 estimated cost of different components put to bid.
- 1.3 Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7 amended upto **DG/CON/302 dated 09.02.2018** which is available as a Govt. of India Publication and also available on website **www.cpwd.gov.in**. Bidder shall quote his rates as per various terms and conditions of the said form, which will form part of the agreement.

2. The time allowed for carrying out the work will be **06 Months**.
3. Months 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: **Available**.

~~The drawings shall be made available in phased manner, as per requirement of the same as per approved programs of completion submitted by the contractor after award of the 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 2014** with upto date correction slips Form can be seen from website www.tenderwizard.com/AIIMSBHOPAL or www.aiimsbhopal.edu.in free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last date and time of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the quoted rates but before last date and time 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 Treasury Challan or Demand Draft or Pay Order or Banker`s Cheque or Deposit at Call Receipt or Fixed Deposit Receipt of a Scheduled Bank (drawn in favour of **Director AIIMS Bhopal** shall be scanned and uploaded to the e-Tendering website within the period of bid submission.
The original EMD should be deposited in the office of **Executive Engineer (E) AIIMS Bhopal** inviting bids within the period of bid submission.

A part of earnest money is acceptable in the form of Bank Guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lakh, 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 **60 (Sixty) days** or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

Copy of Enlistment Order and other documents as specified in the press notice/NIT shall be scanned and uploaded to the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice 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 in office of Executive Engineer (E), AIIMS Bhopal other documents scanned and uploaded are found in order.

The bid submitted shall be opened at **03.30 PM on 15/10/2019.**

The contractors registered prior to 01.04.2015 on e-tendering portal of CPWD shall have to deposit tender processing fee at existing rates or they have option to switch over to the new Registration system without tender processing fee any time.

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 deposit original EMD with Division office of any Executive Engineer, AIIMS Bhopal.
 - III. The bidder does not upload all the documents (including GST registration) as stipulated in the bid document.
 - IV. 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.
 - V. ~~If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above / below on the total amount of the tender or any section /sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.~~

11. The contractor whose bid is accepted will be required to furnish **performance guarantee of 5% (Five Percent)** of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at Call Receipt of any Scheduled Bank/Banker's Cheque of any Scheduled Bank/Demand Draft of any Scheduled Bank/Pay Order of any Scheduled Bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India 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 and Programme Chart (Time and Progress) within the period specified in Schedule F.**

12. The description of the work is as follows:-

“Construction of New Building for Bio-Medical Waste at AIIMS Bhopal.”

- 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 bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidder 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 bidder shall be bound to perform the same at the rate quoted.
16. The contractor shall not be permitted to bid for works in the AIIMS Bhopal responsible for award and execution of contracts, in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any Gazetted Officer in the AIIMS Bhopal. 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 bid for the works shall remain open for acceptance for a period of **Sixty (60) days** from the date of opening of technical bid in case bids are invited on two / three bid envelop system(strike out as the case may be). If any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, **then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidder shall not be allowed to participate in the re-bidding process of the work.**
19. This Notice Inviting Bid shall form a part of the contract document. The successful bidder / contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
- a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence & negotiation leading thereto.
 - b) Standard C.P.W.D. Form 7 amended up to **DG/CON/302 dated 09/02/2018** or other Standard C.P.W.D. Form as applicable
20. **For Composite Bids**
- 20.1.1 The Executive Engineer in Charge of the major component will call bids for the composite work. The Earnest Money will be fixed with respect to the combined estimated cost put to tender for the composite bid.
- 20.1.2 The bid document will include following Two components:
- Part A:-
- i) CPWD-7 including Schedule A to F for the major component (Civil Works) of the work,
Standard General Conditions of Contract for CPWD, 2014 as amended / modified upto **DG/CON/302 dated 09/02/2018.**
 - ii) Schedule ‘A’ to ‘F’ for Major Components (Civil Works)
- Part B:-
- i) Schedule ‘A’ to ‘F’ for Minor Components (Electrical Works)
 - ii) Additional Conditions for Composite Bids.
 - iii) Particular Specifications and Special conditions, specifications and schedule of quantities as applicable to major/ minor components of the work.
- 20.1.3 The bidders must associate himself, with agencies of the appropriate class eligible to bid for each of the minor component individual.
For electrical works, the bidder should have **valid electrical license from competent authority in the name of the contractor. However, the contractors is allowed to participate in tender with an undertaking that they will either obtain valid Electrical license at the time of execution of electrical work or associate contractors having valid electrical license of eligible class.**

- 20.1.4 The eligible bidders shall quote rates for major component as well as for minor components of work.
- 20.1.5 After acceptance of the bid by competent authority, the EE in-charge of major component of the work shall issue letter of award on behalf of the Director AIIMS Bhopal. After the work is awarded, the main contractor will have to enter into one agreement with EE in charge of major component.
- 20.1.6 Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.
- 20.1.7 Security Deposit will be worked out separately for both components corresponding to the estimated cost of the respective component of work.
- 20.1.8 If required, the main contractor has to associate agency(s) for minor component(s) conforming to eligibility criteria as defined in the bid document and has to submit detail of such agency(s) to Engineer-in-Charge of minor component(s) within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer-in-Charge of minor component(s).
- 20.1.9 In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer-in-charge of minor component. The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer-in-Charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.
- 20.1.10 The main contractor has to enter into agreement with contractor(s) associated by him for execution of minor component(s). Copy of such agreement shall be submitted to EE(E) in charge of each minor component as well as to EE in charge of major component. In case of change of associate contractor, the main contractor has to enter into agreement with the new contractor associated by him.
- 20.1.11 Running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer-in-charge of the discipline of minor component directly to the main contractor.
- 20.1.12(A) The composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by Engineer -in -charge of major component after record of completion certificate of all other components.
- 20.1.12(B) Final bill of whole work shall be finalized and paid by the EE of major component. Engineer(s) in charge of minor component(s) will prepare and pass the final bill for their component of work and pass on the same to the EE of major component for including in the final bill for composite contract.
- 21.0 In case any discrepancy, is noticed between the documents as uploaded at the time of submission of the bid online and hard copies as submitted physically in the office of Executive Engineer, then the bid submitted shall become invalid and the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the re-tendering process of the work.

22.0

A new provision of Integrity Pact (IP) was introduced in GCC-2014 vide **DG/CON/302 dated 09/02/2018**. In the OM it is mentioned that at the time of submission of bid, it shall be mandatory to sign the pact by the bidder failing which the bidder will stand disqualified from the tendering process and such bid would be summarily rejected.

In case of e-tendering, Integrity Pact shall be treated in the same manner as other components of the bid document. In e-tendering, the intending bidder does not sign any document physically and entire bid document is submitted through digital signature. Since IP is a part of bid document no separate physical submission is required with other documents to be submitted in the office of tender opening authority. In addition to other component of bid document, the Integrity Pact along shall also be signed between Executive Engineer and successful bidder after acceptance of bid.

INTEGRITY PACT

To,

.....

.....

.....

Sub: **NIT No. 24/NIT/ABEU /AIIMS/BPL/2019-20**For the work of **“Construction of Additional Public Toilet in Various Location at AIIMS Bhopal”**

Dear Sir,

It is here by declared that AIIMS is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender / bid documents, failing which the tenderer / bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the AIIMS.

Yours faithfully,

Executive Engineer (E)

To,

The Executive Engineer (E),

ABEU, AIIMS Bhopal.

Sub: **NIT No. 24/NIT/ABEU /AIIMS/BPL/2019-20**

For the work of **"Construction of Additional Public Toilet in Various Location at AIIMS Bhopal"**

Dear Sir,

I / We acknowledge that AIIMS is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I / We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that **THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE** of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by CPWD. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, AIIMS shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

To be signed by the bidder and same signatory competent / authorised to

sign the relevant contract on behalf of AIIMS Bhopal.

INTEGRITY AGREEMENT

This Integrity Agreement is made at..... on this day of.....20

BETWEEN

President of India represented through Executive Engineer,..... ,
(Name of Division)

AIIMS ,....., (Hereinafter referred as the
(Address of Division)

'Principal / Owner', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

(Name and Address of the Individual/firm/Company)

through.....(hereinafter referred to as the
(Details of duly authorized signatory)

“Bidder/Contractor” and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

Preamble

WHEREAS the Principal /Owner has floated the Tender (NIT No. 24/NIT/ABEU/AIIMS/BPL/2019-20) (hereinafter referred to as “Tender/Bid”) and intends to

award, under laid down organizational procedure, contract for “Construction of Additional Public Toilet in Various Locations at AIIMS Bhopal”

hereinafter referred to as the “Contract”.

AND WHEREAS the Principal / Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as “Integrity Pact” or “Pact”), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

Article 1: Commitment of the Principal / Owner

1. The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - a. No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - b. The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.
 - c. The Principal / Owner shall endeavor to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
2. If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC) / Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal / Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder (s) / Contractor (s)

1. It is required that each Bidder / Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
2. The Bidder(s) / Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:
 - a. The Bidder(s) / Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal / Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.
 - b. The Bidder(s) / Contractor (s) will not enter with other Bidder (s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.
 - c. The Bidder(s) / Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s) / Contract(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

- d. The Bidder(s)/ Contractor(s) of foreign origin shall disclose the names and addresses of agents / representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.
 - e. The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose (with each tender as per Performa enclosed) any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract
3. The Bidder(s) / Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
 - a. The Bidder(s) / Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice\ means a willful misrepresentation or omission of facts or submission of fake / forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.
 4. The Bidder(s) / Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his / her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

1. Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal / Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder / Contractor accepts and undertakes to respect and uphold the Principal / Owner's absolute right:
 - a. If the Bidder (s) / Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal / Owner. **Such exclusion may be forever or for a limited period as decided by the Principal/Owner.**
2. **Forfeiture of EMD/Performance Guarantee/Security Deposit:**
 - a. If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder / Contractor.

- b. **Criminal Liability:** If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of Indian Penal code (IPC)/Prevention of Corruption Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.

If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holding listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.

If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors

1. The Bidder(s) / Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder / Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Sub- contractors/sub-vendors.
2. The Principal / Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
3. The Principal / Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor / Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, AIIMS.

Article 7- Other Provisions

1. This Pact is subject to Indian Law, place of performance and jurisdiction is the **Head quarters of the Division** of the Principal / Owner, who has floated the Tender.
2. Changes and supplements need to be made in writing. Side agreements have not been made.
3. If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.

- 4. Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 5. It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this **Integrity Agreement/ Pact or interpretation** there of shall not be subject to arbitration.

Article 8- LEGAL AND PRIOR RIGHTS

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender / Contract documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

(For and on behalf of Principal/Owner)

(For and on behalf of Bidder/Contractor)

WITNESSES:

- 1. (Signature, name and address)
- 2. (Signature, name and address)

Place: -

Dated: -

निविदा (TENDER)

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

I/We have read and examined the notice inviting 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.

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

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

हम निविदा को, इसके खोले जाने की निर्धारित तारीख से नब्बे (60) दिन के लिए खुला रखने तथा इसकी शर्तों एवं निबंधनों में, किसी प्रकार का परिवर्तन करने के लिए सहमत हैं।

I/We agree to keep the tender open for **Sixty (60) days** from the due date of opening of and not to make any modification in its terms and conditions.

₹ **1,34,242/-** की धनराशि, धरोहर राशि के रूप में ट्रेजरी चालान रसीद/अनुसूचित बैंक की मांग जमा रसीद/ अनुसूचित बैंक की सावधी जमा रसीद /अनुसूचित बैंक का डिमांड ड्राफ्ट/ अनुसूचित बैंक द्वारा जारी बैंक गारंटी के रूप में इसके साथ भेजी जा रही है। यदि मैं / हम निर्धारित निष्पादन गारंटी को निर्धारित समय अवधि में प्रस्तुत करने में असफल रहते हैं तो मैं/ हम यह मंजूर करते हैं कि **निदेशक, अखिल भारतीय आयुर्विज्ञान संस्थान, भोपाल** या उनके कार्यालय के उत्तराधिकारी किसी अन्य अधिकार या उपचारी उपाय पर प्रतिकूल प्रभाव डाले बिना उक्त धरोहर राशि जब्त करने के लिए पूर्णतया स्वतंत्र होंगे। इसके अलावा, यदि मैं/हम विनिर्दिष्ट कार्य प्रारंभ करने में असफल रहते हैं तो मैं/ हम यह मंजूर करते हैं कि भारत के राष्ट्रपति या उनके कार्यालय के उत्तराधिकारी कानून में उपलब्ध किसी अन्य अधिकार या उपचारी उपाय पर प्रतिकूल प्रभाव डाले बिना उक्त धरोहर राशि, तथा निष्पादन गारंटी जब्त करने के लिए पूर्णतया स्वतंत्र होंगे अन्यथा उक्त धरोहर राशि निविदा कागजात के अनुसार उसमें निहित शर्तों व निबंधनों के अनुसार कार्यों के निष्पादन एवं आदिष्ट विचलनों को अनुसूची 'च' में वर्णित प्रतिशत से अनधिक व निविदा प्रपत्र के खण्डों 12.2 व 12.3 में निहित प्रावधानों के अनुसार निश्चित की जाने वाली दरों पर उस सीमा से अधिक के विचलनों के करने के लिए उनके द्वारा प्रतिभूति-निपेक्ष के रूप में रोक ली जाएगी। इसके अतिरिक्त मैं/हम सहमत हैं कि बयाना राशि या बयाना राशि तथा उपर्युक्त निष्पादन गारंटी जब्त हो जाने के मामले में मुझे/हमें कार्य की पुनः निविदा प्रक्रिया में भाग लेने से रोक दिया जाएगा।

A sum of **₹1,34,242/-** is hereby forwarded in Cash/ Receipt Treasury Challan/ Deposit at Call Receipt of a Scheduled Bank/ Fixed Deposit Receipts of a Scheduled Bank/ Demand Draft of a Scheduled Bank/ Bank Guarantee issued by a Scheduled Bank as earnest money. A copy of the earnest money in Receipt Treasury Challan/ Deposit at Call Receipt of a Scheduled Bank/ Fixed Deposit Receipts of a Scheduled Bank/ Demand Draft of a Scheduled Bank/ Bank Guarantee issued by a Scheduled 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 Director AIIMS Bhopal or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

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

Further, I/we agree that in case of forfeiture of earnest money or performance guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

मैं वचन देता हूँ तथा पुष्टि करता हूँ/हम वचन देते हैं तथा पुष्टि करते हैं कि पात्रता के लिए समान निर्माण कार्य को बैंक टू बैंक आधार पर एक अन्य ठेकेदार द्वारा नहीं करवाया गया है। इसके अलावा यदि इस प्रकार का उल्लंघन विभाग की जानकारी में आता है तो मुझे/हमें भविष्य में केलोनिवि में निविदा देने से हमेशा के लिए वंचित कर दिया जाएगा। साथ ही, यदि कार्य के प्रारंभ होने की तारीख से पहले इस प्रकार का उल्लंघन विभाग की जानकारी में आता है तो भारसाधक इंजीनियर को बयाना राशि जमा/कार्य निष्पादन गारंटी की समग्र राशि जब्त करने की स्वतंत्रता होगी।

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

मैं/हम एतद्द्वारा घोषणा करते हैं कि मैं/हम निविदा कागजातों, नक्शों और कार्य से संबंधित अन्य अभिलेखों को गुप्त/गोपनीय कागजात के रूप में रखेंगे और उनसे प्राप्त/ली गई जानकारी किसी अन्य को, जिन्हें मैं/हम सूचित करने के लिए प्राधिकृत हो, से भिन्न किसी को, नहीं बताएंगे या जानकारी को किसी ऐसे रूप में प्रयोग नहीं करेंगे जो राज्य की सुरक्षा के लिए प्रतिकूल हो।

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 therefrom to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

तारीख Dated #.....

ठेकेदार के हस्ताक्षर Signature of Contractor#

डाक का पता Postal Address#

साक्षी Witness : #

पता Address: #

उपजीविका Occupation : #
applicable

To be filled in by the contractor/witness as

स्वीकृति ACCEPTANCE

मैं निदेशक, अखिल भारतीय आयुर्विज्ञान संस्थान, भोपाल की ओर से तथा उनके लिए ₹
 (रूपए ') की राशि के लिए उपर्युक्त निविदा (अधोलिखित पत्रों के
 अनुसार परिवर्तित) स्वीकार करता हूँ।

The above tender (as modified vide letters mentioned hereunder) is accepted by me for and on
 behalf of the Director AIIMS Bhopal for a sum of ₹. _____
 Rupees _____)

नीचे दिए गए पत्र इस ठेका करार का हिस्सा होंगे।

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

a)

b)

c)

भोपाल की ओर से तथा उनके लिए

निदेशक, अखिल भारतीय आयुर्विज्ञान संस्थान,

For & on behalf of the Director AIIMS Bhopal

हस्ताक्षर Signature

तारीख Dated

पदनाम Designation

अनुसूचियां SCHEDULES
PART-A
[FOR MAJOR COMPONENT (CIVIL WORKS)]

अनुसूची 'क' SCHEDULE 'A'
 मात्राओं की अनुसूची (संलग्न)

Schedule of quantities (Enclosed) Page No. **37 to 47**

अनुसूची 'ख' SCHEDULE 'B'
 ठेकेदार की निर्गत की जाने वाली सामग्रियों की अनुसूची
 Schedule of materials to be issued to the contractor.

क्रम सं. S.No.	विवरण Description of item	मात्रा Quantity	जिस दर पर सामग्रियां ठेकेदार को प्रभारित होगी वह दर अंकों एवं शब्दों में Rates in figures & words at which the material will be charged to the contractor	निर्गत स्थान Place of Issue
1	2	3	4	5

----- NIL -----

अनुसूची 'ग' SCHEDULE 'C'

ठेकेदार को भाड़े पर दिए जाने वाले औजार एवं संयंत्र

Tools and plants to be hired to the contractor

क्रम सं. Sl. No.	विवरण Description	भाड़ा प्रभार प्रतिदिन Hire charges per day	निर्गत स्थान Place of Issue
1	2	3	4

NIL

<p>अनुसूची 'घ' SCHEDULE 'D' कार्य के लिए विशेष अपेक्षाएं/दस्तावेज, यदि कोई हों, की अतिरिक्त अनुसूची Extra schedule for specific requirements/documents for the work, if any.</p>	<p>As enclosed</p>						
<p>अनुसूची (ड) SCHEDULE 'E' टेके की सामान्य शर्तों का संदर्भ CPWD 1. Reference to General Conditions of contract DG/CON/302</p> <p>कार्य का नाम Name of work :</p> <p>कार्य की अनुमानित लागत Estimated cost of work :</p>	<p>General Conditions of Contract 2014, Works, 2014 as amended upto dated 09.02.2018</p> <p>Construction of New Building for Bio-Medical Waste at AIIMS Bhopal.</p> <table border="0" style="width: 100%;"> <tr> <td>Civil Works</td> <td style="text-align: right;">₹ 65,21,904/-</td> </tr> <tr> <td>Elect. Works</td> <td style="text-align: right;">₹ 1,90,188/-</td> </tr> <tr> <td colspan="2" style="border-top: 1px dashed black; border-bottom: 1px dashed black;">Composite Cost: ₹ 67,12,092/-</td> </tr> </table> <p>₹ 1,34,242/- (To be returned after receiving Performance Guarantee)</p> <p>5% of tendered value. निविदित मूल्य का 5 प्रतिशत</p> <p>2.5% of tendered Value</p>	Civil Works	₹ 65,21,904/-	Elect. Works	₹ 1,90,188/-	Composite Cost: ₹ 67,12,092/-	
Civil Works	₹ 65,21,904/-						
Elect. Works	₹ 1,90,188/-						
Composite Cost: ₹ 67,12,092/-							
<p>अनुसूची 'च' SCHEDULE 'F' सामान्य नियम एवं दिशानिर्देश: General Rules & Directions: निविदा आमंत्रण करने वाला प्राधिकारी Officer inviting tender - कार्य की मर्दों की मात्रा के लिए अधिकतम प्रतिशत जिससे अधिक निष्पादित मर्दों के लिए दरों का निर्धारण खण्ड 12.2 और 12.3 के अनुसार होगा Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3.</p> <p>Definitions: 2(v) भारसाधक इंजीनियर Engineer-in-Charge 2(viii) स्वीकार कर्ता प्राधिकारी Accepting Authority 2(x) अतिरिक्त और लाभों को पूरा करने के लिए श्रम एवं सामग्रियों की लागत पर प्रतिशतता Percentage on cost of materials and labour to cover all overheads and profits.</p> <p>2(xi) दरों की मानक अनुसूची Standard schedule of Rates (xii) विभाग Department 9(ii) मानक के.लो.नि.वि. टेका फार्म Standard CPWD contract Form</p>	<p>Executive Engineer (E), ABEU AIIMS निम्नानुसार see below</p> <p>Executive Engineer (E), ABEU AIIMS Bhopal Superintending Engineer, AIIMS Bhopal 15% (Fifteen per cent) Delhi Schedule of rate 2018 and Market Rates. ABEU AIIMS Bhopal CPWD Form 7 (Print edition -2014) as modified & corrected up to DG/CON/ 298 dated 29.09.2017</p>						

खण्ड Clause 1

- (i) स्वीकृति पत्र जारी होने की तारीख से निष्पादन गारंटी के प्रस्तुतीकरण के लिए अनुमत समय
Time allowed for submission of performance guarantee from the date of issue of letter of acceptance : 7 days
- (ii) (उपर्युक्त i) में दी गई अवधि के पश्चात् अधिकतम अनुमय एक्सटेंशन
Maximum allowable extension with late fee @ 0.10% per day of performance guarantee amount beyond the period as provided in (i) above : 7 days

खण्ड Clause 2

खण्ड 2 के तहत प्रतिकार निश्चित करने वाला प्राधिकारी
Authority for fixing Compensation under clause 2 : **Superintending Engineer, AIIMS**

खण्ड Clause 2A

क्या खण्ड 2 क लागू होगा
Whether clause 2A shall be applicable **YES**

खण्ड Clause 5

कार्य आरंभ की तारीख की गणना के लिए स्वीकृति पत्र के जारी होने की तारीख से दिनों की संख्या
No. of days from the date of issue of letter of acceptance for reckoning date of start **14 days**

लक्ष्य (मील-पत्थर) सारणी Table of milestone(s)

Sl. No.	Description of Mile stone (Financial)	Time allowed in Months (From date of start) for achieving milestone	Amount to be withheld in case of Non-achievement of each mile stone
1.	1/3	02 Months	1.50%
2.	2/3	04 Months	1.50%
3.	Full	06 Months	2.00%

खण्ड Clause 5.2

Nature of Hindrance Register (either Physical or Electronic) Physical
कार्य निष्पादित करने के लिए अनुमत्य समय

- Time allowed for execution of work Authority to decide **06 (Six) Months**
- (i) Extension of Time **Executive Engineer (E), ABEU AIIMS Bhopal**
- (ii) Rescheduling of mile stones **Executive Engineer (E), ABEU AIIMS Bhopal**
- (iii) Shifting of date of start in case of delay in handing over of site **Executive Engineer (E), ABEU AIIMS Bhopal**

खण्ड Clause 6, 6A

खंड लागू-(6 या 6 क) Clause applicable **6 A**

खण्ड Clause 7

अंतरिम भुगतान के लिए पात्र होने के लिए अंतिम ऐसे भुगतान के बाद कुल भुगतान एकत्रित सामग्रियों के अग्रिमों के समायोजन सहित किया जाने वाला कुल कार्य
Gross work to be done together with net Payment/adjustment of advances for Material collected, if any since the last such payment for being eligible to interim Payment **Rs. 9.00 Lakhs**

खण्ड 10 क Clause10A

कार्यस्थल प्रयोगशाला में टेकेदार द्वारा उपलब्ध कराये जाने परीक्षण उपकरण की सूची
List of testing equipment to be provided by the Contractor at site lab. **Not Applicable**

खण्ड Clause10B(ii)

क्या खण्ड 10 ख (ii) लागू होगा

Whether clause 10B (ii) shall be applicable **Yes**

खण्ड Clause10C

Component of labour expressed as **25%**
Percent of value of work

खण्ड Clause10CA

Material covered under this clause	Nearest materials (Other than cement, reinforcement bars and structural steel) for which All India Whole Sale Price Index is to be followed.	Base Price of all materials covered under clause 10 CA *
1 Cement 2 Steel reinforcement 3 Structural steel	NA NA NA	NA NA NA

खण्ड Clause10CC

खण्ड 10 गग उन संविदाओं पर लागू होगा जिसमें कार्य समापन की अवधि, अगले कालम में दर्शाई गई अवधि से अधिक अनुबंधित है।

Clause 10CC to be applicable in contracts with stipulated period of compensation exceeding the period shown in next column : **Not applicable**

खण्ड Clause 11

कार्य निष्पादन के लिए अनुपालन
Specifications to be followed for execution of work

CPWD specification 2009 Vol. I & II with up to date correction slips for civil works.

खण्ड Clause 12 कार्य का प्रकार Type of Work
12.2 & 12.3

विचलन सीमा जिसके परे खण्ड 12.2 तथा 12.3 भवन निर्माण कार्य के लिए लागू होंगे
Deviation limit beyond which clauses 12.2 & 12.3 shall apply for building work (Other than foundation)

Composite Work

: **30%**

12.5

वह विचलन सीमा जिसके परे खण्ड 12.2 तथा 12.3 नींव कार्य के लिए लागू होंगे
Deviation limit beyond which clauses 12.2 & 12.3 shall apply for foundation work

: **100%**

खण्ड Clause 16

घटी हुई दरे निर्धारित करने की लिए सक्षम प्राधिकारी
Competent Authority for deciding reduced rates.

S.E. AIIMS Bhopal

खण्ड Clause 18

कार्यस्थल पर ठेकेदार द्वारा लगाये जाने वाली अनिवार्य मशीनरी औजार एवं सयंत्रों की सूची :-
List of mandatory machines, tools and plants to be deployed by the contractor at site.

As required by Engineer in charge

खण्ड Clause 25

YES

For Total Claim upto Rs. 25 Lakhs

Designation	Constitution of Dispute Redressal Committee (DRC)
Chairman	Dy. Director AIIMS Bhopal
Member	F.A AIIMS Bhopal
Member	Superintending Engineer AIIMS Bhopal
Presenting Officer	Executive Engineer, AIIMS Bhopal

For Total Claim above Rs. 25 Lakhs

Designation	Constitution of Dispute Redressal Committee (DRC)
Chairman	Director AIIMS Bhopal
Member Secretary	Dy. Director AIIMS Bhopal
Member	F.A AIIMS Bhopal
Presenting Officer	Superintending Engineer AIIMS Bhopal

खण्ड Clause 31

Whether clause 31 shall be applicable

Yes

खण्ड Clause 36(i)

NA

S.NO	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)
1	2	3	4	5

अनुमत्य विचलन से अधिक की मात्राओं के लिए वसूली दरें

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

क्रम सं. SI No.	मद विवरण Description of item	अंको और शब्दों में वह दर जिस पर ठेकेदार से वसूली की जाएगी Rates in figures and words at which recovery shall be made from the Contractor
		अनुमत्य विचलन से अधिक आधिक्य Excess beyond permissible variation
		अनुमत्य विचलन से अधिक उपयोग घटाया Less use beyond the permissible variation

- 1.
- 2.

अनुसूचियां SCHEDULES
PART-B
[FOR MINOR COMPONENT (ELECTRICAL WORKS)]

अनुसूची 'क' SCHEDULE 'A'
 मात्राओं की अनुसूची (संलग्न)

Schedule of quantities (Enclosed) Page No. **37 to 47**

अनुसूची 'ख' SCHEDULE 'B'
 टेकेदार की निर्गत की जाने वाली सामग्रियों की अनुसूची
 Schedule of materials to be issued to the contractor.

क्रम सं. S.No.	मद विवरण Description of item	मात्रा Quantity	जिस दर पर सामग्रियां टेकेदार को प्रभारित होगी वह दर अंकों एवं शब्दों में Rates in figures & words at which the material will be charged to the contractor	निर्गत स्थान Place of Issue
1	2	3	4	5

----- NIL -----

अनुसूची 'ग' SCHEDULE 'C'

टेकेदार को भाड़े पर दिए जाने वाले औजार एवं संयंत्र

Tools and plants to be hired to the contractor

क्रम सं. Sl. No.	विवरण Description	भाड़ा प्रभार प्रतिदिन Hire charges per day	निर्गत स्थान Place of Issue
1	2	3	4

NIL

<p>अनुसूची 'घ' SCHEDULE 'D' कार्य के लिए विशेष अपेक्षाएं/दस्तावेज, यदि कोई हों, की अतिरिक्त अनुसूची Extra schedule for specific requirements/documents for the work, if any.</p>	<p>As enclosed</p>										
<p>अनुसूची (ङ) SCHEDULE 'E' ठेके की सामान्य शर्तों का संदर्भ CPWD 2. Reference to General Conditions of contract DG/CON/302</p>	<p>General Conditions of Contract 2014, Works, 2014 as amended upto dated 09.02.2018</p>										
<p>कार्य का नाम Name of work :</p>	<p>Construction of New Building for Bio-Medical Waste at AIIMS Bhopal.</p>										
<p>कार्य की अनुमानित लागत Estimated cost of work :</p>	<table border="0"> <tr> <td>Civil Works</td> <td style="text-align: right;">₹ 65,21,904/-</td> </tr> <tr> <td>Elect. Works</td> <td style="text-align: right;">₹ 1,90,188/-</td> </tr> <tr> <td colspan="2"><hr style="border-top: 1px dashed black;"/></td> </tr> <tr> <td>Composite Cost:</td> <td style="text-align: right;">₹ 67,12,092/-</td> </tr> <tr> <td colspan="2"><hr style="border-top: 1px dashed black;"/></td> </tr> </table>	Civil Works	₹ 65,21,904/-	Elect. Works	₹ 1,90,188/-	<hr style="border-top: 1px dashed black;"/>		Composite Cost:	₹ 67,12,092/-	<hr style="border-top: 1px dashed black;"/>	
Civil Works	₹ 65,21,904/-										
Elect. Works	₹ 1,90,188/-										
<hr style="border-top: 1px dashed black;"/>											
Composite Cost:	₹ 67,12,092/-										
<hr style="border-top: 1px dashed black;"/>											
<p>(i) धरोहर राशि Earnest money: Guarantee)</p>	<p>₹ 1,34,242/- (To be returned after receiving Performance</p>										
<p>(ii) निष्पादन गारंटी Performance guarantee :</p>	<p>5% of tendered value. निविदित मूल्य का 5 प्रतिशत</p>										
<p>(iii) प्रतिभूति निक्षेप: Security Deposit:</p>	<p>2.5% of tendered Value</p>										
<p>अनुसूची 'च' SCHEDULE 'F' सामान्य नियम एवं दिशानिर्देश: General Rules & Directions: निविदा आमंत्रण करने वाला प्राधिकारी Officer inviting tender - कार्य की मर्दों की मात्रा के लिए अधिकतम प्रतिशत जिससे अधिक निष्पादित मर्दों के लिए दरों का निर्धारण खण्ड 12.2 और 12.3 के अनुसार होगा Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3.</p>	<p>-As per Part-A- निम्नानुसार see below</p>										
<p>2(v) भारसाधक इंजीनियर Engineer-in-Charge</p>	<p>-As per Part-A-</p>										
<p>2(viii) स्वीकार कर्ता प्राधिकारी Accepting Authority</p>	<p>-As per Part-A-</p>										
<p>2(x) अतिरिक्त और लाभों को पूरा करने के लिए श्रम एवं सामग्रियों की लागत पर प्रतिशतता Percentage on cost of materials and labour to cover all overheads and profits.</p>	<p>-As per Part-A-</p>										
<p>2(xi) दरों की मानक अनुसूची Standard schedule of Rates</p>	<p>Delhi Schedule of rate 2016 and Market Rates.</p>										
<p>(xii) विभाग Department</p>	<p>-As per Part-A-</p>										
<p>9(ii) मानक के.लो.नि.वि. ठेका फार्म Standard CPWD contract Form</p>	<p>CPWD Form 7 (Print edition -2014) as modified & corrected up to DG/CON/ 298 dated 29.09.2017</p>										

खण्ड Clause 1

- (iii) स्वीकृति पत्र जारी होने की तारीख से निष्पादन गारंटी के प्रस्तुतीकरण के लिए अनुमत समय
Time allowed for submission of performance guarantee from the date of issue of letter of acceptance : **-As per Part-A-**
- (iv) (उपर्युक्त i) में दी गई अवधि के पश्चात् अधिकतम अनुमेय एक्सटेंशन
Maximum allowable extension with late fee @ 0.10% per day of performance guarantee amount beyond the period as provided in (i) above : **-As per Part-A-**

खण्ड Clause 2

खण्ड 2 के तहत प्रतिकार निश्चित करने वाला प्राधिकारी
Authority for fixing Compensation under clause 2 : **Superintending Engineer, AIIMS**

खण्ड Clause 2A

क्या खण्ड 2 क लागू होगा
Whether clause 2A shall be applicable : **-As per Part-A-**

खण्ड Clause 5

कार्य आरंभ की तारीख की गणना के लिए स्वीकृति पत्र के जारी होने की तारीख से दिनों की संख्या
No. of days from the date of issue of letter of acceptance for reckoning date of start : **-As per Part-A-**

लक्ष्य (मील-पत्थर) सारणी Table of milestone(s)

Sl. No.	Description of Mile stone (Financial)	Time allowed in Months (From date of start) for achieving milestone	Amount to be withheld in case of Non-achievement of each mile stone
1.			
2.	-As per Part-A-		
3.			

खण्ड Clause 5.2

Nature of Hindrance Register (either Physical or Electronic) Physical
कार्य निष्पादित करने के लिए अनुमत समय

- Time allowed for execution of work Authority to decide **06 (Six) Months**
- (i) Extension of Time : **-As per Part-A-**
 - (ii) Rescheduling of mile stones : **-As per Part-A-**
 - (iii) Shifting of date of start in case of delay in handing over of site : **-As per Part-A-**

खण्ड Clause 6, 6A

खंड लागू-(6 या 6 क) Clause applicable : **-As per Part-A-**

खण्ड Clause 7

अंतरिम भुगतान के लिए पात्र होने के लिए अंतिम ऐसे भुगतान के बाद कुल भुगतान एकत्रित सामग्रियों के अग्रिमों के समायोजन सहित किया जाने वाला कुल कार्य
Gross work to be done together with net Payment/adjustment of advances for Material collected, if any since the last such payment for being eligible to interim Payment : **-As per Part-A-**

खण्ड 10 क Clause10A

कार्यस्थल प्रयोगशाला में टेकेदार द्वारा उपलब्ध कराये जाने परीक्षण उपकरण की सूची
List of testing equipment to be provided by the : **Not Applicable**

CORRECTION	NIL	INSERTION	NIL		
CUTTING	NIL	OVERWRITING	NIL	AE(P)	EE(P)

Contractor at site lab.

खण्ड Clause10B(ii)

क्या खण्ड 10 ख (ii) लागू होगा

Whether clause 10B (ii) shall be applicable **-As per Part-A-**

खण्ड Clause10C

Component of labour expressed as
Percent of value of work

-As per Part-A-

खण्ड Clause10CA

Material covered under this clause	Nearest materials (Other than cement, reinforcement bars and structural steel) for which All India Whole Sale Price Index is to be followed.	Base Price of all materials covered under clause 10 CA *
1 Cement	NA	NA
2 Steel reinforcement	NA	NA
3 Structural steel	NA	NA

खण्ड Clause10CC

खण्ड 10 गग उन संविदाओं पर लागू होगा जिसमें कार्य समापन की अवधि, अगले कालम में दर्शाई गई अवधि से अधिक अनुबंधित है।

Clause 10CC to be applicable in contracts with stipulated period of compensation exceeding the period shown in next column

: Not applicable

खण्ड Clause 11

कार्य निष्पादन के लिए अनुपालन

Specifications to be followed for execution of work

CPWD General Specifications for Electrical Works Part I Internal - 2013.

खण्ड Clause 12 कार्य का प्रकार Type of Work

12.2 & 12.3

विचलन सीमा जिसके परे खण्ड 12.2 तथा 12.3 भवन निर्माण कार्य के लिए लागू होंगे

Deviation limit beyond which clauses 12.2 & 12.3 shall apply for building work (Other than foundation)

Composite Work

: **-As per Part-A-**

12.6

वह विचलन सीमा जिसके परे खण्ड 12.2 तथा 12.3 नींव कार्य के लिए लागू होंगे

Deviation limit beyond which clauses 12.2 & 12.3 shall apply for foundation work

: **-As per Part-A-**

खण्ड Clause 16

घटी हुई दरे निर्धारित करने की लिए सक्षम प्राधिकारी

Competent Authority for deciding reduced rates.

S.E. AIIMS Bhopal

खण्ड Clause 18

कार्यस्थल पर ठेकेदार द्वारा लगाये जाने वाली अनिवार्य मशीनरी औजार एवं सयंत्रों की सूची :-

List of mandatory machines, tools and plants to be deployed by the contractor at site.

As required by Engineer in charge

खण्ड **Clause 25**

YES

For Total Claim upto Rs. 25 Lakhs

Designation	Constitution of Dispute Redressal Committee (DRC)
Chairman	Dy. Director AIIMS Bhopal
Member	F.A AIIMS Bhopal
Member	Superintending Engineer AIIMS Bhopal
Presenting Officer	Executive Engineer, AIIMS Bhopal

For Total Claim above Rs. 25 Lakhs

Designation	Constitution of Dispute Redressal Committee (DRC)
Chairman	Director AIIMS Bhopal
Member Secretary	Dy. Director AIIMS Bhopal
Member	F.A AIIMS Bhopal
Presenting Officer	Superintending Engineer AIIMS Bhopal

खण्ड **Clause 31**

Whether clause 31 shall be applicable

Yes

खण्ड **Clause 36(i)**

NA

S.NO	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)
1	2	3	4	5

अनुमत्य विचलन से अधिक की मात्राओं के लिए वसूली दरें

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

क्रम सं. SI No.	मद विवरण Description of item	अंको और शब्दों में वह दर जिस पर ठेकेदार से वसूली की जाएगी Rates in figures and words at which recovery shall be made from the Contractor
		अनुमत्य विचलन से अधिक आधिक्य Excess beyond permissible variation
		अनुमत्य विचलन से अधिक उपयोग घटाया Less use beyond the permissible variation

- 1.
- 2.

FORM OF EARNEST MONEY DEPOSIT (BANK GUARANTEE BOND)

WHEREAS, contractor (Name of contractor) (hereinafter called "the contractor") has submitted his tender dated (date) for the construction of (name of work) (hereinafter called "the Tender")

KNOW ALL PEOPLE by these presents that we (name of bank) having our registered office at (hereinafter called "the Bank") are bound unto (Name and division of Executive Engineer) (hereinafter called "the Engineer-in-Charge") in the sum of Rs. (Rs. in words) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this day of20...

THE CONDITIONS of this obligation are:

- (1) If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;
- (2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:
 - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required; OR
 - (b) fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and Instructions to contractor.

We undertake to pay to the Engineer-in-Charge either up to the above amount or part thereof upon receipt of first written demand, without the Engineer-in-Charge having to substantiate his demand, provided that in his demand the Engineer-in-Charge will note that the amount claimed by him is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date.* after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE

SIGNATURE OF THE BANK

WITNESS

SEAL

(SIGNATURE, NAME AND ADDRESS)

*Date to be worked out on the basis of validity period of **120** days for Single Bid System from last date of receipt of tender.

BLANK

Form of Performance guarantee / Bank guarantee bond

[Reference para 21.1.(1)(V)]

In consideration of the **Director AIIMS Bhopal** (hereinafter called "The Government") having offered to accept the terms and conditions of the proposed agreement between.....and (Hereinafter called "the said Contractor(s)") for the work..... (Hereinafter called "the said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs..... (Rupees..... only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We, (Hereinafter referred to as "the Bank") hereby undertake to pay to the Government an amount not exceeding Rs..... (Rupees..... Only) on demand by the Government.
2. We,(indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the Government stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupeesonly)
3. We, the said bank further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.
4. We, (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in- Charge on behalf of the Government certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.
5. We, (indicate the name of the Bank) further agree with the Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor(s) and to 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(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
7. We, (Indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the Government in writing.
8. This guarantee shall be valid up tounless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

*Dated theday offor.....(indicate the name of the Bank

CORRECTION	NIL	INSERTION	NIL
CUTTING	NIL	OVERWRITING	NIL

BLANK

DETAILED ESTIMATE

Name of work :- Construction of New Building for Biomedical Waste at AIIMS Bhopal.

S.NO	Details of Work	Unit	Qty	(A+B) Amount	AMOUNT
PART A - MAJOR COMPONENTS (CIVIL WORKS)					
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m.				
a)	All kinds of soil.	Cum	162.00	197.40	31979.00
2	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering,etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :				
a)	All kinds of soil				
	Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	metre	44.00	267.44	11767.00
3	Filling available excavated earth (excluding rock) in trenches, plinth,sides of foundations etc. in layers not exceeding 20cm in depth,consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	184.59	149.17	27535.00
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
a)	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	Cum	43.61	5312.30	231669.00
5	Centering and shuttering including strutting, propping etc. and removal of form for :				
a)	Foundations, footings, bases of columns, etc. for mass concrete	sqm	101.54	230.08	23362.00
6	Centering and shuttering including strutting, propping etc. and removal of form for				
a)	Lintels, beams, plinth beams, girders, bressumers and cantilevers	sqm	225.24	406.77	91621.00
b)	Columns, Pillars, Piers, Abutments, Posts and Struts	sqm	120.00	555.00	66600.00
c)	Small lintels not exceeding 1.5 m clear span, moulding as in cornices, window sills, string courses, bands, copings, bed plates, anchor blocks and the like	sqm	35.50	230.08	8168.00
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
a)	Thermo-Mechanically Treated bars.	kg	13049.40	67.14	876137.00

8	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge.(Note :- Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/recoverable separately).				
a)	All works upto plinth level cum	Cum	88.62	7647.23	677698.00
b)	All works above plinth level upto floor V level	Cum	11.76	8600.52	101142.00
9	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in:				
a)	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	14.53	6209.31	90221.00
10	Brick work with non modular fly ash bricks conforming to IS:12894,class designation 10 average compressive strength in super structure above plinth level up to floor V level in :				
a)	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	124.56	7315.96	911276.00
11	Providing and fixing 18 mm thick gang saw cut, mirror polished and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size,approved shade, colour and texture laid over 20 mm thick base cementmortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement,mixed with matching pigment, epoxy touch ups, including rubbing, curing,moulding and polishing to edges to give high gloss finish etc. complete at all levels.				
a)	Granite of any colour and shade				
	Area of slab over 0.50 sqm	Sqm	6.30	3693.21	23267.00
12	Extra for providing opening of required size & shape for wash basin/kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete	each	2.00	507.66	1015.00
13	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) decorative type, core of block board construction withframe of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.				
a)	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	sqm	31.50	2952.57	93006.00
14	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	sqm	31.50	434.00	13671.00
15	Extra for providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glass excluded) (overall area of door shutter to be measured):				
a)	Rectangular or square	sqm	31.50	192.89	6076.00
16	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :				

CORRECTION NIL INSERTION NIL

CUTTING NIL OVERWRITING NIL AE(P) EE(P)

a)	250x10 mm	each	19.00	371.54	7059.00
17	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	each	11.00	660.10	7261.00
18	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	each	19.00	101.84	1935.00
19	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm) with necessary accessories and screws etc. complete.	each	19.00	460.75	8754.00
20	Structural steel work riveted, bolted or welded in built up section, trusses and framed work, including cutting , hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	kg	9567.47	80.19	767215.00
21	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
a)	25 mm thick	Sqm	242.38	1373.82	332986.00
22	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	Sqm	21.06	1468.84	30934.00
23	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sqm	405.09	883.53	357909.00
24	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	Sqm	6.10	816.57	4981.00
25	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. 11.41.2 Size of Tile 600x600 mm	sqm	16.78	1327.91	22276.00
26	15 mm cement plaster on rough side of single or half brick wall of mix				
a)	1:4 (1 cement: 4 coarse sand)	sqm	385.80	248.70	95948.00

27	<p>Providing and fixing precoated galvanised iron profile sheets (size,shape and pitch of corrugation as approved by Engineer-in-charge)0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.</p>	sqm	299.99	652.92	195869.00
28	<p>Providing and fixing precoated galvanised steel sheet roofingaccessories 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :</p>				
a)	<p>Ridges plain (500 - 600mm)</p>	Rmt	22.90	427.59	9792.00
29	<p>Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle ofsize 24x24x0.3 mm and laying false ceiling tiles of approved texturein the grid including, required cutting/making, opening for serviceslike diffusers, grills, light fittings, fixtures, smoke detectors etc.</p>				
	<p>Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.</p>				
a)	<p>GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum),including factory painted after bending.</p>	Sqm	299.99	1236.03	370797.00
30	<p>Providing and fixing thermal insulation with Resin bonded rock wool conforming to IS: 8183, density 48 kg/m3, 50 mm thick, wrapped in 200 G virgin Polythene bags placed over existing false ceiling and held in position by criss- crossing GI wire.</p>	Sqm	299.99	260.74	78219.00

CORRECTION NIL INSERTION NIL

CUTTING NIL OVERWRITING NIL AE(P) EE(P)

31	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :				
a)	Two or more coats on new work	sqm	385.80	100.18	38649.00
32	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade				
a)	Two or more coats on new work	Sqm	279.38	93.00	25982.00
33	Washed stone grit plaster on exterior walls height upto 10 metre above ground level, in two layers, under layer 12 mm cement plaster 1:4 (1 cement : 4 coarse sand), furrowing the under layer with scratching tool, applying cement slurry on the under layer @ 2 Kg of cement per square metre, top layer 15 mm cement plaster 1:1/ 2:2 (1 cement: 1/2 coarse sand : 2 stone chipping 10 mm nominal size),in panels with groove all around as per approved pattern, including scrubbing and washing the top layer with brushes and water to expose the stone chippings ,complete as per specification and direction of Engineer-in- charge (payment for providing grooves shall be made	sqm	312.39	691.12	215899.00
34	Forming groove of uniform size in the top layer of washed stone grit plaster as per approved pattern using wooden battens, nailed to the under layer, including removal of wooden battens, repair to the edges of panels and finishing the groove complete as per specifications and direction of the Engineer-in-charge :	Rmt	1104.50	40.81	45075.00
a)	15 mm wide and 15 mm deep groove				
35	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	385.80	103.62	39977.00
36	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled fixtures complete, including cutting and making good the walls and floors wherever required :				
a)	W.C. pan with ISI marked black solid plastic seat and lid	each	1.00	4055.50	4056.00
37	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. Brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				
a)	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	each	1.00	2726.70	2727.00
38	Providing and fixing white vitreous china laboratory sink with C.I.brackets, C.P. brass chain with rubber plug, 40 mm C.P brass wasteand 40mm C.P. brass trap with necessary C.P. brass unions complete,including painting of fittings and brackets, cutting and making goodthe wall wherever required :				
a)	Size 450x300x150 mm	each	2.00	2838.27	5677.00
	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
39	Flexible pipe				
a)	32 mm dia	each	3.00	86.89	261.00
40	Providing and fixing soil, waste and vent pipes :				
a)	100 mm dia				
	Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989	metre	27.50	1093.33	30067.00

41	Providing and fixing plain bend of required degree.				
a)	100 mm dia				
	Sand cast iron S&S as per IS : 3989	each	10.00	397.34	3973.00
42	Providing and fixing single equal plain junction of required degree :				
a)	100x100x100 mm				
	Sand cast iron S&S as per IS - 3989	each	8.00	682.58	5461.00
43	Providing and fixing collar :				
a)	100 mm				
	Sand cast iron S&S as per IS - 3989	each	12.00	222.37	2668.00
44	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter :				
a)	100 mm	each	70.00	367.68	25738.00
45	Providing and fixing floor trap complete, including cost of cutting and making good the walls and floors :				
	100 mm inlet and 100 mm outlet,Sand cast iron S&S as per IS: 3989	each	6.00	393.00	2358.00
46	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps,i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :				
a)	15 mm dia nominal bore	metre	13.50	338.92	4575.00
b)	20 mm dia nominal bore	metre	13.00	375.10	4876.00
47	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.				
a)	25 mm dia nominal bore	metre	60.00	244.19	14651.00
b)	32 mm dia nominal bore	metre	60.00	293.48	17609.00
48	Making connection of G.I./CPVC. distribution branch with G.I. main of followingsizes by providing and fixing tee, including cutting and threading the pipe etc. complete :				
a)	50 to 80 mm nominal bore	each	1.00	914.85	915.00
49	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
a)	32 mm nominal bore.	each	2.00	594.02	1188.00
50	Providing and fixing uplasticised PVC connection pipe with brass unions :				
a)	45 cm length				
	15 mm nominal bore	each	8.00	80.43	643.00
51	Providing and filling sand of grading zone V or coarser grade, allroundthe G.I. pipes in external work :				
a)	25 mm diameter pipe	Mtr	60.00	82.45	4947.00
b)	32mm diameter pipe	Mtr	60.00	84.58	5075.00
52	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New				
a)	20 mm nominal bore	each	1.00	202.79	203.00
b)	25 mm nominal bore	each	2.00	244.13	488.00
c)	32 mm nominal bore	each	1.00	285.48	285.00
53	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
a)	15 mm nominal bore	each	3.00	440.94	1323.00
54	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms				
a)	15 mm nominal bore	each	3.00	584.30	1753.00

CORRECTION NIL INSERTION NIL

CUTTING NIL OVERWRITING NIL AE(P) EE(P)

55	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
a)	15mm nominal bore	each	8.00	564.31	4514.00
56	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				
a)	200 mm diameter	metre	44.00	502.21	22097.00
57	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarsesand : 10 graded stone aggregate 40 mm nominal size) all-roundS.W. pipes including bed concrete as per standard design :				
a)	200 mm diameter S.W. Pipe	metre	44.00	1053.53	46355.00
58	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:				
a)	100x100 mm size P type				
	With common burnt clay F.P.S. (non modular)bricks of class designation 7.5	each	3.00	1900.88	5703.00
59	Constructing brick masonry manhole in cement mortar 1:4 (1cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finishedwith floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :				
a)	Inside size 120x90 cm and 90 cm deep including C.I. Cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weightof cover 58 kg and weight of frame 58 kg) :				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	2.00	21853.94	43708.00
60	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rustfree, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, panelling and dash fasteners to be paid for separately) :				
a)	For fixed portion				
	Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	Kg	256.79	464.78	119351.00

b)	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately				
	Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	Kg	296.06	536.67	158887.00
61	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer-in-charge				
a)	Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side	sqm	5.94	980.27	5823.00
62	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				
a)	With float glass panes of 5.50 mm thickness	sqm	16.65	1190.96	19829.00
63	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.				
a)	With stainless steel cover plate minimum 3.00 mm thickness	each	3.00	2437.07	7311.00
64	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	each	6.00	425.87	2555.00
65	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in- charge				
	Polyester powder coated minimum thickness 50 micron	each	6.00	87.90	527.00
TOTAL OF PART - A					6521904.00

PART B - MINOR COMPONENTS (ELECT. WORKS)					
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required..	Points	30.00	990.00	29700.00
a)	group c				
2	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required	Mtrs	80.00	200.00	16000.00
3	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required	Mtrs	120.00	308.00	36960.00
4	Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.				
a)	4 pair	Mtrs	25.00	29.00	725.00
5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
a)	5/6 A switch	Nos.	8.00	85.00	680.00
b)	6 pin 15/16 A socket outlet	Nos.	8.00	175.00	1400.00
c)	Telephone socket outlet	Nos.	2.00	119.00	238.00
6	SITC of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required				
a)	4x25 sqmm	Mtrs.	60.00	543.00	32580.00
7	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
a)	8 way (4 + 24), Double door	Each	1.00	1760.00	1760.00
8	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
a)	4X 25 sq. mm (25mm)	Each	1.00	250.00	250.00
9	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	Mtrs.	60.00	57.00	3420.00
10	Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required				
a)	40 A	each	2.00	2626.00	5252.00

CORRECTION NIL INSERTION NIL

CUTTING NIL OVERWRITING NIL AE(P) EE(P)

11	Supplying and fixing 30 A, 415 V, TPN Industrial type socket outlet, with 4 pole and earth, metal enclosed plug top along with 30 A "C" curve, TPMCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required	each	7.00	3048.00	21336.00
12	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required	each	16.00	465.00	7440.00
13	Supplying, erecting and testing of approved make Exhaust Fan heavy duty with mounting frame, blades AC 230-250 complete connection and including, frame bolt/Anchor hole fastners etc. complete finished of approved as required.				
a)	300mm sweep 900 RPM	Each	3.00	2476.00	7428.00
14	Supplying and fixing of fresh air fan with louvers (ventilating fan) with self-closing louvers of decorative PVC body abd blades mounting square frame of approved make complete with all necessary material as required 250mm RPM1300/1400 and Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	each	1.00	1613.00	1613.00
15	supply and testing of LED surface mounted panel light (white) light 7 watt color tem 6500k, lamination not less than 550lm and Installation ,Testing, Commissioning of wall bracket /ceiling fittings of all sizes and shapes containing upto two GLS/CFL/LED lamps per fitting, complete with all accessories including connections etc. as required	each	15.00	793.00	11895.00
16	Supply and testing ofT 5 18 watts led tube lights 4 fts color temperature 6500k lumen 1900lm and life span 50000 hrs and Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube/lamp etc. directly on ceiling/ wall, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required	each	8.00	437.00	3496.00
17	supply copper winding with regulator, A.C. 230-250 volts including connections with all necessary material complete of approved as required confirming to IS :374/1979 with upto date amendments. Ceiling Fan WHITE COLOR (5 star & ISI)-1200 mm Sweep380 rpm and 3 blade and Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	each	5.00	1570.00	7850.00
18	Supplying and fixing extra down rod of 10 cm length G.I. pipe, 15 mm dia, heavy gauge including painting etc. as required. (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored	each	5.00	33.00	165.00
				TOTAL OF PART - B	190188.00

<u>ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHOPAL</u>					
NIT No: 24/EE(E)/ABEU/AIIMS/BPL/2019-20					
Name of work:- Construction of New Building for Bio-Medical Waste at AIIMS Bhopal.					
Percentage Bid Sheet For Composite Bids					
Name of the Contractor					
Sr. No.	Name of component	Estimated cost	Percentage above or below the estimated cost	% in Figures	Total Cost
1	Civil	6521904.00			-
2	Electrical	190188.00			-
	Grand Total	6712092.00			-
					-
	Contractor's Quoted Rate in Words				



BLANK

SPECIAL CONDITIONS FOR ELECTRICAL WORKS i.e. ELECTRICAL INSTALLATION FOR COMPOSITE TENDERS

1. In case the main contractor is himself eligible for sale of tender for the specific electrical component (Electrical Installation) and intends doing the job himself, he may not associate agency for the specific electrical component
2. Main agency shall have to submit credential of the proposed associated agencies for verification and approval of the department in Performa at Annexure I. Consent letter of such selected agencies for association shall also be enclosed in the prescribed format (Annexure-II). Main agency may propose up to three names of eligible associates.
3. After obtaining concurrence of department for such association, the main agency shall finalize one associate for execution of the electrical installation /down comer component of the work. The main contractor has to enter into agreement with the contractor associated by him for execution of minor component. Copy of such agreement shall be submitted to EE (E) in charge of electrical component for approval by competent authority as well as to EE (E) in charge of major component. (As per Annexure - III)
4. All technical discussions shall be attended by the associate agency and the main agency. Commercial / Technical submissions for the electrical works shall be signed and submitted by the associate agency along with the main agency.
5. Price-bid for electrical component shall be submitted by the main agency.
6. Award of work shall be made by the Engineer-in-charge of the major component to the main agency for complete work.
7. The main contractor shall be entirely responsible and answerable for all the works done by his associated electrical contractor regarding their quality, adherence to the laid down specification, terms and conditions, warranty/guarantee etc and he shall be liable to bear any compensation that may be levied by the department under any of the clauses of the agreement.
8. The manufacturer's guarantee/warrantee for all the electrical accessories shall be for minimum period for 12 months from the date of taking over of the installation by the department. Necessary documents of handing / taking over of the installation will be duly signed by the three parties namely EE (E) the main contractor and the associate contractor. The main contractor will ensure that the maintenance during the guarantee period shall also be carried out by the associate electrical contractor. one year guarantee is to be provided free of cost as per item in the schedule of quantity.
9. The main contractor shall also give necessary general power of attorney under the contract to the associated electrical contractor to enable him to receive instructions from electrical engineers of the department at site, sign the site order book, bills MBs for acceptance of measurement and receive stipulated materials etc.
10. The main contractor shall be responsible for coordinating the activities of all the works and will ensure progress of all works as per the laid down program. The main contractor shall also arrange for proper storage of the electrical accessories at site and will be responsible for their watch and ward.
11. Associate electrical agency shall submit the fortnightly labour report. Material for use at work shall be procured by the electrical agency. For this purpose invoice / delivery challan shall be submitted to the department by the associate agency.
12. Sample of materials like conduits wires, of each size to be tested in the laboratory approved by Engineer -in charge, nothing shall be paid on this account; testing fees etc. shall be paid by the contractor.
13. Materials like switch sockets boards MCB DB wire conduits MCB box raceway shall be approved by Engineer-In-Charge before use at site.
14. Fish wire shall be provided in each conduit where wiring is not carried out.
15. Extra item substitute item deviation etc. shall be carried out only with written permission of competent authority.

16. For power wiring/computer point wiring GI box of 6/8 module shall be in horizontal pattern only.

17. For Composite Tenders

17.1.1 The Executive Engineer in charge of the major work will call tenders for the composite work. The cost of tender document and Earnest money will be fixed with respect to the combined estimated cost put to tender for the composite tender.

17.1.2 The tender document will include following three components:

Part A:-

- i) CPWD-7 including Schedule A to F for the major component of the work, Standard General Conditions of Contract for CPWD, 2014 as amended / modified upto **DG/CON/300 dated 09/02/2018.**
- ii) Schedule 'A' to 'F' for Major Components (Civil Works)

Part B:-

- i) Schedule 'A' to 'F' for Minor Components (Electrical Works)
- ii) Additional Conditions for Composite Bids.
- iii) Particular Specifications and Special conditions, specifications and schedule of quantities as applicable to major/ minor components of the work.

17.1.3 The tenderer must associate with himself, agencies of the appropriate class or experience eligible to tender for each of the minor component individually.

17.1.4 The eligible tenderers shall quote rates for all items of major component as well as for all items of minor components of work.

17.1.5 After acceptance of the tender by competent authority, the EE in charge of the work shall issue letter of award on behalf of the President of India.

17.1.6 Entire work under the scope of composite tender including major and all minor components shall be executed under one agreement.

17.1.7 The main contractor has to associate agency(s) for minor component(s) conforming to eligibility criteria as defined below and has to submit detail of such agency(s) to Engineer-in-charge within 15 days of award of work. Name of the agency(s) to be associated shall be approved by Executive Engineer (E) of minor component(s).

17.1.8 In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of competent authority, who had earlier approved the same. The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer-in-charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.

17.1.9 The main contractor has to enter into agreement with contractor(s) associated by him for execution of minor component(s). Copy of such agreement shall be submitted to EE. In case of change of associate contractor, the main contractor has to enter into agreement with the new contractor associated by him.

17.1.10 It will be obligatory on the part of the firm/ agency to sign the tender documents for all components before the first payment is released.

**PROPOSAL FOR ASSOCIATING ELECTRICAL AGENCIES for ELECTEICAL INSTALLATION,
AND DOWN COMER**

We hereby propose the following electrical agencies as per details mentioned against each. Their consent letters are also attached as per Annexure II

S No.	Name of electrical contractor/ Firm	Category and class of registration in CPWD/ Work experience	Registration No.	Monetary limit of work	Validity of registration	Consent letter attached (yes/No)
1.						
2.						
3.						

Note :- A copy of registration order/ Work experience shall be attached for each agency.

Contractor's signature

CONSENT LETTER

I/We hereby give my/ our consent to work as electrical contractor till the completion of work and I/we will be responsible for necessary action to hand over the work and for rectification of defects and repair during the maintenance period. I/we will execute the work as per CPWD specification and addition conditions of the works.

I/we will also engage suitable Engineer for the work as per condition of work. I further certify that the above particulars pertaining to me are correct.

Signature of Electrical contractor

Memorandum of understanding

Rs. 100/- Non-judicial stamp

This Memorandum of Understanding (MOU) is made on the _____ at _____

Between

M/s _____ (Main Contractor) having his registered office at _____ which expression shall unless repugnant to the subject or context include its administrators, successors and assigns.

And

M/s _____ (Associate contractor) registered in AIIMS as class : _____ Electrical contractor and having his registered office at _____ which expression shall unless repugnant to the subject or context include its administrators, successors and assign.

Whereas, the ABEU, have issued tender papers to quote for the following work to M/s _____ (Main Contractor).

Name of work : Construction of New Building for Bio-Medical Waste at AIIMS Bhopal.

Whereas, This Memorandum of Understanding has been entered into to execute the above work by the Main Contractor and Associate Contractor.

Whereas, both the parties have gone through and understood the various conditions and clauses of the tender and willingly agree to abide by them.

This MOU shall be valid till the duration of completion of above work and shall be extended if so required by the AIIMS.

Now, therefore it is agreed between the parties here to as follows :-

- 1 The associated electrical contractor shall completely execute, perform and do all the works mentioned and described in the main agreement for its electrical components according to the specifications, terms and conditions etc. of the main agreement.
- 2 The associated electrical contractor shall execute and complete the works in all respect up to full satisfaction of the AIIMS officers and attend to them during their inspection at site, meetings etc., whenever required by the AIIMS officers.
- 3 The cost of electrical works executed by the associated electrical contractor will include the cost of all the materials, accessories, equipments, tools & plants, laborers technical persons required etc. in all respect.
- 4 The associated electrical contractor is responsible for getting recorded measurements and preparation, submissions & pursuance of payment of the bills of the work done for electrical portion of the main agreement.
- 5 **The rate will be as per the schedule enclosed.**
- 6 The Quantity will be as per actual measurement as received from AIIMS to main contractor and the rate will be as per the mutually agreed.
- 7 The payment to associate contractor will be released after the payment to main contractor is made by the AIIMS.
- 8 The technical staff required for the associate discipline shall be of associate contractor.
- 9 The guarantee of the installation after the completion of the work shall be responsibility of the associate electrical contractor as required by the AIIMS.

CORRECTION	NIL	INSERTION	NIL
CUTTING	NIL	OVERWRITING	NIL

- 10 There is no service tax liability; work being related to the construction of the Central Govt. Deptt. However, if any liability of the service tax is imposed on the associated electrical contractor then it will be paid by main contractor.
- 11 Either party shall not repudiate the contract in mid way without the consent of each other. Otherwise it will be treated as breach of agreement for any reason whatsoever.
- 12 The main agency shall be solely responsible for deferment & rescheduling of each milestone fixed as per contract documents and in such eventuality, the consequences arising out of the same rests on main agency.
- 13 The main contractor only shall be responsible for getting extension of delay regularized and liability what so ever flowing out shall lies with them. There shall be no direct or indirect impact on associate contractor.
- 14 TDS shall be deducted by the main contractor as per Income Tax law from associated agency. In case liability of tax other than Income Tax(Such as vat, service tax, or any other mechanism formed) is levied on associated contractor then the main agency will reimburse it in full to associated agency.
- 15 The associated contractor shall be bound to execute work upto a deviation limit of 30% in quantities of items of work at the agreement rate. Beyond deviation limit the rates will be decided by main & associated contractor on mutually agreed basis.
- 16 For the items such as extra items, substitute items and new items other than the items of main agreement, if any incorporated in the work, then the main contractor shall pay the full amount so approved to the associate contractor.
- 17 The validity of rates shall be _____ months after finalization & acceptance of MOU by the competent authority.
- 18 The main contractor shall at their cost provide necessary requisite arrangement for storage of material.
- 19 Sand & cement used in the electrical work shall be provide by main contractor.
- 20 Security Deposit as deducted by the AIIMS will be reimbursed by main contractor to associate contractor. However associated electrical contractor will deposit 2 ½ % of Agreement amount of Rs. _____ in shape of FDR towards S/D to be retained by main contractor which will refunded to electrical contractor after completion of electrical work.
- 21 The Income tax, Commercial tax and labour cess tax deducted by the AIIMS from the bills of electrical work shall be reimbursed by the main contractor in favour of the associated electrical contractor accordingly.

In witness whereof we have put our hand seal on date _____.

Enclose :- Schedule of rates.

Signature
(Associate Contractor)
Address : _____

Signature
(Major Contractor)
Address : _____

PARTICULAR SPECIFICATIONS & SPECIAL CONDITIONS

1. GENERAL

- 1.1 The contractor shall take instructions from the Engineer-in-charge for stacking of materials at site. No excavated earth or building materials shall be stacked on areas where the buildings, roads, services or compound walls are to be constructed.
- 1.2 Unless otherwise provided in the Schedule of quantities, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building and nothing shall be payable to him on this account.
- 1.3 The working drawings appearing at para 8.1(iii) of conditions of contract in the form CPWD-7/8, shall mean to include both architectural and structural drawings respectively. The structural and architectural drawings shall be properly correlated before executing the work. In case of any difference noticed between architectural and structural drawings, final decision, in writing of the Engineer-in-charge shall be obtained by the contractor before proceeding further.
- 1.4 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 including issue of identity cards to all persons authorized by him to do work / visit the work site and nothing shall be payable on this account.
- 1.5 The contractor shall make his own arrangements for obtaining electric connections, if required, and make necessary payments directly to the department concerned.
- 1.6 The contractor shall conduct his work, so as not to interfere with or hinder the progress or completion of the work being performed by other contractor (s) or by the Engineer-in-Charge and shall as far as possible arrange his work and shall place and dispose off the materials being used or removed, so as not to interfere with the operations of other contractors, or he shall arrange his work with that of the others in an acceptable and coordinated manner and shall perform it in proper sequence to the complete satisfaction of Engineer-in-Charge. The contractor shall be responsible for any damage due to hindrance caused by him.
- 1.7 Stacking of materials and excavated earth including its disposal shall be done as per the directions of the Engineer-in-Charge. Double handling of materials or excavated earth if required at any stage shall have to be done by the contractor at his own cost.
- 1.8 No claim for idle establishment & labour, machinery & equipments, tools & plants and the like, for any reason whatsoever, shall be admissible during the execution of work as well as after its completion.
- 1.9 Only Star headed Stainless Steel screws shall be used unless otherwise specified.
- 1.10 **Work shall be carried out in professional manner with finished product serving the intended purpose with specified strength, durability and aesthetics.**
- 1.11 Work activities shall be executed in well thought out sequences such that consequent activities not adversely affecting previously done work. Nothing extra shall be payable to protect the works already done.
- 1.12 The contractor shall prepare all the needed shop drawings well in advance and get them approved before placing the order and execution of the item.
- 1.13 The contractor shall, at his risk and cost, make all arrangements and shall provide all facilities as the Engineer-in-Charge may require for collecting, and preparing the required number of samples for such tests at such time and to such place or places as may be directed by the Engineer - in -Charge and bear all charges and cost of testing unless specifically provided for otherwise elsewhere in the contract or specifications.
- 1.14 The contractor shall not store /dump construction material or debris on metalled road.

- 1.15 The contractor shall get prior approval from Engineer-in-charge for the area where the construction material or debris can be stored beyond the metalled road. This area shall not cause any obstruction to the free flow of traffic / inconvenience to the pedestrians. It should be ensured by the contractor that no accidents occur on account of such permissible storage.
- 1.16 The contractor shall take appropriate protection measures like raising wind breakers of appropriate height on all sides of the plot / area using CGI sheets or plastic and / or other similar material to ensure that no construction material dust fly outside the plot area.
- 1.17 The contractor shall ensure that all the trucks or vehicles of any kind which are used for construction purposes / or are carrying construction material like cement, sand and other allied material are fully covered. The contractor shall take every necessary precautions that the vehicles are properly cleaned and dust free to ensure that en route their destination, the dust, sand or any other particles are not released in air / contaminate air.
- 1.18 The contractor shall provide mask to every worker working on the construction site and involved in loading, unloading and carriage of construction material and construction debris to prevent inhalation of dust particles.
- 1.19 The contractor shall provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and debris relatable to dust emission.
- 1.20 The contractor shall ensure that C&D waste is transported to the C & D waste site only and due record shall be maintained by the contractor.
- 1.21 The contractor shall compulsory use of wet jet in grinding and stone cutting.
- 1.22 The contractor shall ensure that the construction material is covered by tarpaulin. The contractor shall take all other precaution to ensure that no dust particles are permitted to pollute air quality as a result of such storage.

RATE

- 2.1 The rates quoted by the Contractor are deemed to be inclusive of site clearance, setting out work, profile, setting lay out on ground, establishment of reference bench mark(s), installing various signage, taking spot levels, survey with total station, construction of all safety and protection devices, compulsory use of helmet and safety shoes, and other appropriate safety gadgets by workers, imparting continuous training for all the workers, barriers, preparatory works, construction of clean, hygienic and well ventilated workers housings in sufficient numbers as per drawing supplied by Engineer in charge, working during monsoon or odd season, working beyond normal hours, working at all depths, height, lead, lift, levels and location etc. and any other unforeseen but essential incidental works required to complete this work. Nothing extra shall be payable on this account and no extension of time for completion of work shall be granted on these accounts.
- 2.2 The rates quoted by the tenderer, shall be firm and inclusive of all taxes and levies. (GST) no extra shall be paid on this account.
- 2.3 **Contractor has to be submit the GST compliant Bill showing work done and GST component separately.**
- 2.4 No foreign exchange shall be made available by the Department for importing (purchase) of equipment, plants, machinery, materials of any kind or any other items required to be carried out during execution of the work. No delay and no claim of any kind shall be entertained from the Contractor, on account of variation in the foreign exchange rate.
- 2.5 All ancillary and incidental facilities required for execution of work like labour camp, stores, fabrication yard, offices for Contractor, watch and ward, temporary ramp required to be made for working at the basement level, temporary structure for plants and machineries, water storage tanks, installation and consumption charges of temporary electricity, telephone, water etc. required for execution of the work, liaison and pursuing for obtaining various No Objection Certificates, completion certificates from local bodies etc., protection works, testing facilities / laboratory at site of work, facilities for all field tests and for taking samples etc. during execution or any other activity which is necessary (for execution of work and as directed by Engineer-in-Charge), shall be deemed to be included in rates quoted by the Contractor, for various items in the schedule of quantities. Nothing extra shall be payable on these accounts. Before start of the work, the Contractor shall submit to the

CORRECTION	NIL	INSERTION	NIL
CUTTING	NIL	OVERWRITING	NIL

- Engineer-in-Charge, a site / construction yard layout, specifying areas for construction, site office, positioning of machinery, material yard, cement & other storage, fabrication yard, site laboratory, water tank etc.
- 2.6 For completing the work in time, the Contractor might be required to work in two or more shifts (including night shifts). No claim whatsoever shall be entertained on this account, notwithstanding the fact that the Contractor may have to pay extra amounts for any reason, to the laborers and other staff engaged directly or indirectly on the work according to the provisions of the labour and other statutory bodies regulations and the agreement entered upon by the Contractor with them.
 - 2.7 All material shall only be brought at site as per program finalized with the Engineer-in-Charge. Any pre-delivery of the material not required for immediate consumption shall not be accepted and thus not paid for.
 - 2.8 Any damage to the existing installation/ equipment/ work shall be the responsibility of the contractor and should be repaired immediately on his own cost for which nothing extra shall be paid by the department.
 - 2.9 As the work to be carried out as in occupied hospital building, proper care to be taken by the agency by issuing ID cards etc. to the workers for identification.

2. CLEANLINESS OF SITE

The Contractor shall not stack building material / malba / muck/ rubbish on the land or road of the local development authority or on the land owned by the others, as the case may be. So the muck, rubbish etc. shall be removed periodically as directed by the Engineer-in-Charge, from the site of work to the approved dumping grounds as per the local byelaws and regulations of the concerned authorities and all necessary permissions in this regard from the local bodies shall be obtained by the Contractor. Nothing extra shall be payable on this account. In case, the Contractor is found stacking the building material / malba as stated above, the Contractor shall be liable to pay the stacking charges / penalty as may be levied by the local body or any other authority and also to face penal action as per the rules, regulations and bye-laws of such body or authority. The Engineer –in-Charge shall be at liberty to recover, such sums due but not paid to the concerned authorities on the above counts, from any sums due to the Contractor including amount of the Security Deposit and performance guarantee in respect of this contract agreement.

3. INSPECTION OF WORK

In addition to the provisions of relevant clauses of the contract, the work shall also be open to inspection by the senior officers of AIIMS in addition of the Engineer-in-Charge and his authorized representative. The contractor shall at times during the usual working hours and at all times at which reasonable notices of the intention of the Engineer-in-Charge or other officers as stated above to visit the works shall have been given to the Contractor, either himself be present to receive the orders and instructions or have a responsible Site Engineer duly accredited in writing, to be present for that purpose Senior Officers of AIIMS Authorities shall be inspecting the on-going work at site at any time with or without prior intimation.

4. SAFETY MEASURES AT CONSTRUCTION SITE

In order to ensure safe construction, following shall be adhered for strict compliance at the site:-

- (i) The work site shall be properly barricaded.
- (ii) Adequate signages indicating ‘Work in Progress – Inconvenience caused is regretted’ or Diversion Signs shall be put on the sites conspicuously visible to the public even during night hours. These are extremely essential where works are carried out at public places in use by the public.
- (iii) The construction malba at site shall be regularly removed on daily basis.
- (iv) All field officials and the workers must be provided with safety helmets, safety shoes and safety belts.
- (v) Proper MS pipe scaffoldings with work – platforms and easy-access ladders shall be provided at site to avoid accidents.

Necessary First-Aid kit shall be available at the site.

The above provisions shall be followed in addition to the provisions of General Condition of Contract.

**GENERAL TERMS AND CONDITIONS
APPLICABLE FOR ALL E&M COMPONENTS**

1. GENERAL

The work shall be generally carried out in accordance with tender/bid specifications and the following specifications / rules.

- a) CPWD General Specifications for Electrical work Part I Internal – 2013, as amended upto date
- c) Commercial and Additional conditions for this work.
- d) The Indian Electricity Act, 2003, as amended upto date
- e) Indian Electricity Rules 1956 amended upto date

Order of Preference:

Should there be any difference or discrepancy between the description of items as given in the Schedule of Quantities, technical specifications for individual items of work (including additional and commercial conditions) and IS Codes etc., the following order of preference shall be followed:

- a) Schedule of quantities
- b) Commercial and Additional conditions for this work
- c) General Conditions of Contract for CPWD Works
- d) CPWD General Specifications

These Commercial and Additional conditions are to be read in conjunction with above and in case of variations, specifications given in these additional conditions shall apply. However, nothing extra shall be paid on account of these additional specifications and conditions, as the same are to be read along with schedule of quantities for the work.

This specification covers manufacture, testing as may be necessary before dispatch, delivery at site, all preparatory work, assembly and installation, commissioning putting into operation of equipment of all E&M components of the tender

The tenderer should in his own interest visit the site and get familiarize with the site conditions before tendering.

No T &P shall be issued by the Department and nothing extra shall be paid on account of this.

2. COMMERCIAL CONDITIONS

Type of Contract: The work to be awarded by this tender shall be treated as indivisible works contract.

- 3. Income tax, work contract tax, labour cess & other statutory deductions etc. shall be made at source as per the prevalent laws. The deductions of Security Deposit, Income-Tax, Works Contract Tax etc. shall be done after calculation of the due payments and net payment shall be reduced accordingly.

4. RATES

4.1 The rates quoted by the tenderer, shall be inclusive of all taxes i.e. **GST** (including works contract tax, labour cess), duties levies, octroi etc. and all charges for packing forwarding, insurance, freight and delivery, installation, testing, commissioning etc. at site including temporary construction of storage, risks, over head charges, general liabilities/obligations and excluding Service Tax. However EPF and ESIC shall be initially paid by the contractor and shall be reimbursed to him by the department after verification of payment receipts etc.

4.2 The department will not issue Octroi exemption certificate.

4.3 The contractor has to carry out preventive maintenance and service as per manufacturer's standards for a period of 12 months from the date of handing over. Nothing extra shall be paid on this account.

4.4 In case the same item appears more than once in the schedule of work under the same sub head or among the different subhead of works, the lowest rate quoted for that item elsewhere shall be considered for other items also during evaluation of tender.

5 COMPLETENESS OF TENDER

All sundry equipment, fittings, unit assemblies, accessories, hardware items, foundation bolts, termination lugs for electrical connections, and all other items which are useful and necessary for efficient assembly and installation of equipment and components of the work shall be deemed to have been included in the tender irrespective of the fact whether such items are specifically mentioned in the tender documents or not.

6 STORAGE AND CUSTODY OF MATERIALS

The space, if available, may be used for storage of sundry materials and erection equipments or else the agency has to make his own arrangements. No separate storage accommodation shall be provided by the department. Watch and ward of the stores and their safe custody shall be the responsibility of the contractor till the final taking over of the installation by the department.

7 CARE OF THE BUILDING:

Care shall be taken by the contractor while handling and installing the various equipments and components of the work to avoid damage to the building. 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 materials arising out of the installation from the site of work. 8

8 COMPLETION PERIOD

The completion period indicated in the tender documents is for the entire work of planning, designing, approval of drawings etc., arrangement of materials & equipments, delivery at site including transportation, installation, testing, commissioning and handing over of the entire system to the satisfaction of the Engineer-in-charge.

9 GUARANTEE

9.1 All equipments shall be guaranteed for a period of 12 months, from the date of taking over the installation by the department, against unsatisfactory performance and/or breakdown due to defective design, workmanship or material. The equipments or components, or any part thereof, so found defective during guarantee period shall be forthwith repaired or replaced free of cost, to the satisfaction of the Engineer-in-Charge. In case, it is felt by the department that undue delay is being caused by the contractor in doing this, the same will be got done by the department at the risk and cost of the contractor. The decision of the Engineer-in-charge in this regard shall be final & binding on the contractor.

9.2 The tender shall guarantee among other things, the following:

- a. Quality, strength and performance of the materials used as per manufacturers standards.
- b. Safe mechanical and electrical stress on all parts under all specified conditions of operation.
- c. Satisfactory operation during the maintenance period.

10 POWER SUPPLY:

Power supply will be supplied by department for execution of work.

11 WATER SUPPLY:

Water Supply will be supplied by department.

12 PREFERRED MAKES OF VARIOUS EQUIPMENTS:

The preferred makes of various equipments/components/accessories have been indicated in "Preferred Makes" in appendix attached with the tender documents. The tenderer shall work out the cost of the offer on this basis. Any other makes are not acceptable.

13 Basic layout plan shall be developed by bidder without any charge./

14 EXTENT OF WORK

14.1 The work shall comprise of entire labour including supervision and all materials necessary to make a complete installation and such tests and adjustments and commissioning, as may be required by the department. The term complete installation shall not only mean major items of the plant and equipments

covered by specifications but all incidental sundry components necessary for complete execution and satisfactory performance of installation with all layout charts whether or not those have been mentioned in details in the tender document in connection with this contract .

14.2 The cables and other items shall be brought at site after taking correct measurements

14.3 In addition to supply, installation, testing and commissioning, of all E&M equipment, following works shall be deemed to be included within the scope of work to be executed by the tenderer of this job.

15 COMPLIANCE WITH REGULATIONS AND INDIAN STANDARDS:

15.1 All works shall be carried out in accordance with relevant regulation, both statutory and those specified by the Indian Standards related to the works covered by this specification. In particular, the equipment and installation will comply with the following:

- i) Factories Act.
- ii) Indian Electricity Rules.
- iii) B.I.S. & other standards as applicable.
- iv) Workmen's compensation Act.
- v) Statutory norms prescribed by local bodies like ,MPPCB,CEA, Power Supply Co., etc.

15.2 Before execution contractor submit the design & drawing before design contractor take the influent 4 to 5 sample in alternate day and send the laboratory and as per report be take input design data.

15.3 Nothing in this specification shall be construed to relieve the successful tenderer of his responsibility for the design, manufacture and installation of the equipment with all accessories in accordance with currently applicable statutory regulations and safety codes.

16 INDEMNITY:

The successful tenderer shall at all times indemnify the department, consequent on this works contract. The successful tenderer shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the contractor shall be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and putting into operation the equipments and ancillary equipment under the supervision of the successful tenderer in so far as the latter is responsible. The successful tenderer shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer on account of the above.

17 ERECTION TOOLS:

No tools and tackles either for unloading or for shifting the equipments for erection purposes would be made available by the department. The successful tenderer shall make his own arrangement for all these facilities.

18 COOPERATION WITH OTHER AGENCIES:

The successful tenderer shall co-ordinate with other contractors and agencies engaged in the construction of buildings, if any, and exchange freely all technical information so as to make the execution of this work/contract smooth. No remuneration should be claimed from the department for such technical cooperation. If any unreasonable hindrance is caused to other agencies and any completed portion of the work has to be dismantled and re-done for want of cooperation and coordination by the tenderer during the course of work, such expenditure incurred will be recovered from the successful tenderer if the restoration work to the original condition or specification of the dismantled portion of the work was not undertaken by the tenderer himself.

The work will be carried out with least disturbance during shifting & shut down taken in consultation with the client department.

21. INSURANCE AND STORAGE:

All consignments are to be duly insured upto the destination from warehouse at the cost of the contractor. The insurance covers shall be valid till the equipment is handed over duly installed, tested and commissioned.

22. VERIFICATION OF CORRECTNESS OF EQUIPMENT AT DESTINATION:

The contractor shall have to produce all the relevant records to certify that the genuine equipments from the manufacturers has been supplied and erected.

23. PAINTING:

This shall include cost of painting of the entire installation. The major equipments like HT panel, transformers, L T panel, bus duct, cable trays etc. shall be factory final finish painted. The agency shall be required to do only touching to the damages caused to the painting during transportation, handling & installation at site, if there is no major damage to the painting. However hangers, supports etc. of bus trunking & cable tray etc. shall be painted with required shade including painting with two coats of anticorrosive primer paint at site.

24. TRAINING:

The scope of works includes the on job technical training of four to six persons of client Department at site. Nothing extra shall be payable on this account.

25. MAINTENANCE:

Sufficient trained and experienced staff shall be made available to meet any exigency of work during the guarantee period of one year from the handing over of the installation. The maintenance, routine as well as preventive, for one year from the date of taking over the installation as per manufacturer's recommendations shall be carried out as per OEM standards.

26. Approval of drawings, makes and models of equipment/materials for all E&M components :

27.1 The agency shall submit drawings and details such as makes and models of the equipments/materials offered by him along with specifications for all E&M components to the Engineer-in-charge of the work, before ordering the equipment/materials for approval of the department.

27.2 The Engineer-in-charge shall scrutinize the proposal and approve the makes and models which are acceptable as per the schedule, specifications, conditions of the agreement and inform the agency for procurement.

27.3 After approval of the equipment/materials by the department, the agency shall procure the equipment/materials from the OEM/authorized distributor/dealer as the case may be:

27. Adequate care that only tested and genuine materials of proper quality are used in work shall be ensured by firm. The firm shall also ensure that:

- i. Material will be ordered & delivered at site only with the prior approval of the department to ensure timely delivery.
- ii. As and when the order is placed for the fittings/ fixtures, cables, switchgears, poles, other main items etc, its copy shall be endorsed to the AIIMS Engineer-in-charge.
- iii. Inspection at factory or at godown, if required, shall be arranged by the firm for a mutually agreed date.
- iv. Delivery of material shall be taken up only with the consent of department, after clearance of the material.
- v. Department shall reserve the right to waive inspection in lieu of suitable test certificate, at its discretion.
- vi. All the materials to be supplied by the contractor shall be procured & brought to site as per requirement at site of work in consultation with department so that these materials are not damaged & their manufacturer's warrantee is not lost.

28. Safety Codes & Statutory Regulations:

a. Nothing in this specification shall be construed to relieve the successful tenderer of his responsibility for the design, manufacture and installation of the equipment with all accessories in accordance with currently applicable statutory regulations and safety codes.

b. Successful tenderer shall arrange for compliance with statutory provisions of safety regulations and departmental requirements of safety codes in respect of labour employed on the work by the tenderer. Failure to provide such safety requirement would make the tenderer liable for penalty of Rs.1000/- for each default. In addition, the department will be at liberty to make arrangement for the safety requirements at the cost of tenderer and recover the cost thereof from him.

LIST OF APPROVED MATERIALS (CIVIL)

Note:

1. Unless otherwise specified, the brand/make of the material as specified in the item nomenclature or in the particular specifications or in the list of approved materials attached in the tender, shall be used in the work.
2. The Contractor shall obtain prior approval from the Engineer-in-charge before placing order for any specific material/ Brand/ Make.
3. Whenever the specified brand of material is not available than, the Engineer-in-charge may approve any material equivalent to that specified subject to proof being offered by the Contractor for its equivalence and its non-availability to his satisfaction.

CIVIL WORK		
	Cement	ACC. (Associated cement co.)/ L&T/ Gujrat Ambuja Cement/ Birla Corp. Ltd. (Cement Divn)/ J.K. Cement/ Jaypee Rewa Cement/ Grasim Cement/ Shree Cement/ Lakshmi Cement/ Century/ Laffarge/ Prism/ India Cement/ Bangur
1	Clear Glass/ Clear Float Glass/ Toughened Glass	Modi/ Saint Gobain (SG)/ Asahi India Safety/ GSC/ Tata/ Atul
2	Mineral Fibre Ceiling	Armstrong/ Nittobo/ Daikin
3	Acrylic Plastic/ Emulsion/ Synthetic Enamel Paint and Primer.	Asian Paints, ICI Dulux, Berger, Nerolac . 1st Quality
4	Aluminum Fittings	Jindal/ Argent Classic/ Oxford
5	Aluminum Sections	Jindal/ Hindalco/ Indalco/ MANN
6	Float Glass	Saint Gobain, Modi Guard, Asahi
7	Structural steel section	TATA, SAIL, RINL, Jindal, Appolo
8	Stainless Steel Nut Bolts, washers and screws	Kundan/ Puja/ Atul
9	Wall Putty	JK, BIRLA, SARAPUTTY
10	Water Proofing Compound (Liquid)	Pidilite, Cico, Impermo
11	White Cement	JK White, Birla White, Grasim
12	Hydraulic Door closer, Floor springs	Dorma, Hardwyn, Hettich, Hafele
13	Flush Doors (ISI Mark only)	Century, Kitlam, Archid, A-1 Teak Products – Indore, Greenply
14	Friction Stay	Earl-Bihari, Ebco, Hettich
15	GI Pipe	Prakash Surya/ TATA/ Jindal
16	CPVC Pipe	Astral/ Ashirwad/ Vectus
17	Plumbing Fittings / PTMT Fittings	Jaguar/ Plumber / Prayag/ Prince
18	PVC Pipe and fittings	Kisan / Supereme
19	Sanitary Fittings	Johnson/ Sera/ Hindustan
20	Wall Tile	Nitco/ Naveen/ Bell/ HR Johnson/ Kajaria/ Somany/ Euro Faus/ Scheit/ kaind/ Nitco/ Euro/ Pargo
21	Floor Tile	Nitco/ Naveen/ Bell/ HR Johnson/ Kajaria/ Somany/ Euro Faus/ Scheit/ kaind/ Nitco/ Euro/ Pargo
22	CI Pipe	Prakash Surya/ TATA/ Jindal
	CPVC Pipe	Astral/ Ashirwad/ Vectus

LIST OF APPROVED MATERIALS (ELECTRICALS)

Note :

1. Unless otherwise specified, the brand/make of the material as specified in the item nomenclature or in the particular specifications or in the list of approved materials attached in the tender, shall be used in the work.
2. The Contractor shall obtain prior approval from the Engineer-in-charge before placing order for any specific material/ Brand/ Make.
3. Whenever the specified brand of material is not available than, the Engineer-in-charge may approve any material equivalent to that specified subject to proof being offered by the Contractor for its equivalence and its non-availability to his satisfaction.

S.No .	Item	Make
1	PVC insulated copper conductor Wire/ Cable	Polycab/Finolex/ RR Kabel/ Havells
2	Ceiling Fan / Exhaust Fans	Usha/ CG/ Bajaj/ Orient
3	LED Recess Mounted/ Down Lighters/ LED Fittings	Phillips/ Wipro/ NTL Lumens/ CG
4	18 Watt round LED	Philips/ CG/ Wipro
5	PVC Conduit	AKG/ BEC/ RMCON
6	ABC type Fire Extinguisher	Agni / Firex /
7	Chemical earthing	Universal/ Lores/ Earthplus/ Ashlok
8	Modular Switches & Sockets	Legrand (Areteor) / Schneider (Zencelo) / M.K. (Element)
9	MCB / MCCB	Legrand / Seimens / ABB / L&T/ Schneider
10	Gland and Cable Lugs	Dowells / Comet / Jainson
	All other materials	Make and Sample to be approved by Engineer-in-charge before use in work.

All other materials - Make and sample to be approved by Engineer-in-charge before use in work.



BLANK